



A SELECTION OF SOME OF OUR SCIENTIFIC PUBLICATIONS

EUROFINS SCIENTIFIC GROUP

May 2024



CONTENT

AGROSCIENCE SERVICES	2
BIOPHARMA SERVICES	8
CLINICAL DIAGNOSTICS	27
COSMETICS TESTING	51
ENVIRONMENT TESTING	53
FOOD AND FEED TESTING	71
FORENSIC SERVICES	97
GENOMIC SERVICES	105

AGROSCIENCE SERVICES

1980 – 1990

Krueger, H.O., Ward, J.P., Anderson, S.H. (1988). A resource manager's guide for using aquatic organisms to assess water quality for evaluation of contaminants. *Biological report (USA)* 8820, 45.

2000 – 2010

Ponizovsky, A.A. (2003). Metals, Metalloids and Radionuclides in the Baltic Sea Ecosystem. *Journal of Environmental Quality* 32 (5), 1929–1929.

Ponizovsky, A.A., Tsadilas, C.D. (2003). Lead (II) retention by Alfisol and clinoptilolite: cation balance and pH effect. *Geoderma* 115 (3), 303–312.

Tornier, I., Kling, A., Schur, A. (2003). Honey bee testing in Southern Europe: From the laboratory to the relevant crop in the field. *Bulletin of Insectology* 56, 185–188.

Dean, K.E., Palachek, R.M., Noel, J.M., Warbritton, R., Aufderheide, J., Wireman, J. (2004). Development of freshwater water-quality criteria for perchlorate. *Environmental Toxicology and Chemistry: An International Journal* 23 (6), 1441–1451.

Ponizovsky, A.A., Tsadilas, C.D. (2004). Effect of solution composition and flow rate on kinetics of lead (II) desorption from Alfisol. *Communications in Soil Science and Plant Analysis* 35 (5), 649–664.

Shi, Z., Di Toro, D.M., Allen, H.E., Ponizovsky, A.A., (2005). Modeling kinetics of Cu and Zn release from soils. *Environmental Science & Technology* 39 (12), 4562–4568.

Aufderheide, J., Warbritton, R., Pounds, N., File-Emperador, S., Staples, C., Caspers, N., Forbes, V., (2006). Effects of husbandry parameters on the life-history traits of the apple snail, *Marisa cornuarietis*: effects of temperature, photoperiod, and population density. *Invertebrate Biology* 125 (1).

Newsted, J.L., Beach, S.A., Gallagher, S.P., Giesy, J.P., (2006). Pharmacokinetics and acute lethality of perfluorooctanesulfonate (PFOS) to juvenile mallard and northern bobwhite. *Archives of Environmental Contamination and Toxicology* 50 (3), 411–420.

Ponizovsky, A.A., Metzler, D.M., Allen, H.E., Ackerman, A.J., (2006). The effect of moisture content on the release of organic matter and copper to soil solutions. *Geoderma* 135, 204–215.

Selck, H., Aufderheide, J., Pounds, N., Staples, C., Caspers, N., Forbes, V., (2006). Effects of food type, feeding frequency, and temperature on juvenile survival and growth of *Marisa cornuarietis* (*Mollusca: Gastropoda*). *Invertebrate Biology* 125 (2), 106–116.

Thakali, S., Allen, H.E., Di Toro, D.M., Ponizovsky, A.A., Rooney, C.P., Zhao, F.J., McGrath, S.P., (2006). A terrestrial biotic ligand model. 1. Development and application to Cu and Ni toxicities to barley root elongation in soils. *Environmental Science & Technology* 40 (22), 7085–7093.

Thakali, S., Allen, H.E., Di Toro, D.M., Ponizovsky, A.A., Rooney, C.P., Zhao, F.J., McGrath, S.P., Criel, P., Van Eeckhout, H., Janssen, C.R., Oorts, K., (2006). Terrestrial biotic ligand model. 2. Application to Ni and Cu toxicities to plants, invertebrates, and microbes in soil. *Environmental Science & Technology* 40 (22), 7094–7100.

Forbes, V.E., Selck, H., Palmqvist, A., Aufderheide, J., Warbritton, R., Pounds, N., Thompson, R., van der Hoeven, N., Caspers, N., (2007). Does bisphenol a induce superfeminization in *Marisa cornuarietis*? Part I: Intra- and inter-laboratory variability in test endpoints. *Ecotoxicology and environmental safety* 66 (3), 309–318.

- Forbes, V.E., Aufderheide, J., Warbritton, R., van der Hoeven, N., Caspers, N., (2007).** Does bisphenol A induce superfeminization in *Marisa cornuarietis*? Part II: toxicity test results and requirements for statistical power analyses. *Ecotoxicology and environmental safety* 66 (3), 319–325.
- Mensah, E., Ponizovsky, A.A., Allen, H.E., Metzler, D.M., (2007).** Cadmium Release in Soil Solutions at Low Moisture Content. *Communications in Soil Science and Plant Analysis* 39 (1), 158–167.
- Ponizovsky, A.A., Allen, H.E., Ackerman, A.J., (2007).** Copper activity in soil solutions of calcareous soils. *Environmental Pollution* 145 (1), 1–6.
- Forbes, V.E., Warbritton, R., Aufderheide, J., Van Der Hoeven, N., Caspers, N., (2008).** Effects of bisphenol A on fecundity, egg hatchability, and juvenile growth of *Marisa cornuarietis*. *Environmental Toxicology and Chemistry: An International Journal* 27 (11), 2332–2340.
- Newsted, J.L., Beach, S.A., Gallagher, S.P., Giesy, J.P., (2008).** Acute and chronic effects of perfluorobutane sulfonate (PFBS) on the mallard and northern bobwhite quail. *Archives of Environmental Contamination and Toxicology* 54 (3), 535–545.
- Ponizovsky, A.A., Allen, H.E., Ackerman, A.J., (2008).** Effect of field aging on nickel concentration in soil solutions. *Communications in Soil Science and Plant Analysis* 39 (3), 510–523.
- Ponizovsky, A.A., Thakali, S., Allen, H.E., Di Toro, D.M., Ackerman, A.J., Metzler, D.M., (2008).** Nickel partitioning in acid soils at low moisture content. *Geoderma* 145 (12), 69–76.
- Springer, T.A., Guiney, P.D., Krueger, H.O., Jaber, M.J., (2008).** Assessment of an approach to estimating aquatic bioconcentration factors using reduced sampling. *Environmental Toxicology and Chemistry: An International Journal* 27 (11), 2271–2280.
- Chopra, M., Yao, Y., Blake, T.J., Hampson, D.R., Johnson, E.C., (2009).** The neuroactive peptide N-acetylaspartylglutamate is not an agonist at the metabotropic glutamate receptor subtype 3 of metabotropic glutamate receptor. *Journal of Pharmacology and Experimental Therapeutics* 330 (1), 212–219.
- Kloas, W., Lutz, I., Urbatzka, R., Springer, T., Krueger, H., Wolf, J., Holden, L., Hosmer, A., (2009).** Does atrazine affect larval development and sexual differentiation of South African clawed frogs. *Annals of the New York Academy of Sciences* 1163 (1), 437–440.
- Krogh, P.H., Miljøundersøgelser, D., (2009).** Toxicity testing with the collembolans *Folsomia fimetaria* and *Folsomia candida* and the results of a ringtest. *Danish Environmental Protection Agency*.
- Li, B., Zhang, X., Wang, X., Ma, Y., (2009).** Refining a biotic ligand model for nickel toxicity to barley root elongation in solution culture. *Ecotoxicology and environmental safety* 72 (6), 1760–1766.
- Nanita, S., Pentz, A., Grant, J., Vogl, E., Devine, T., Henze, R., (2009).** Mass Spectrometric Assessment and Analytical Methods for Quantitation of the New Herbicide Aminocyclopyrachlor and Its Methyl Analogue in Soil and Water. *Analytical Chemistry* 81 (2), 797–808.
- Ponizovsky, A.A., Thakali, S., Allen, H.E., Di Toro, D.M., Ackerman, A.J., (2009).** Effect of soil properties on copper release in soil solutions at low moisture content. *Environmental Toxicology and Chemistry: An International Journal* 25 (3), 671–682.
- Römbke, J., Schmelz, R.M., Knaebe, S., (2009).** Field studies for the assessment of pesticides with soil mesofauna, in particular enchytraeids, mites and nematodes. *Soil Organisms* 81 (2), 237–264.
- Römbke, J., Floate, K.D., Jochmann, R., Schäfer, M.A., Puniamoorthy, N., Knäbe, S., Lehmus, J., Rosenkranz, B., Scheffczyk, A., Schmidt, T., Sharples, A., (2009).** Lethal and sublethal toxic effects of a test chemical (ivermectin) on the yellow dung fly (*Scathophaga stercoraria*) based on a standardized international ring test. *Environmental Toxicology and Chemistry: An International Journal* 28 (10), 2117–2124.

Becker, R., Vergnet, C., Maus, C., Pistorius, J., Tornier, I., Wilkins, S., (2010). Proposal of the ICPBR Bee Brood Group for testing and assessing potential side effects from the use of plant protection products on honey bee brood. *Julius-Kühn-Archiv* 423, 43.

Grant, J., Rodgers, C.A., Chickering, C.D., Hill, S.J., Stry, J.J., (2010). Determination of chlorantraniliprole residues in crops by liquid chromatography coupled with atmospheric pressure chemical ionization mass spectrometry/mass spectrometry. *Journal of AOAC International* 93 (4), 1293–1301.

Römbke, J., Barrett, K., Blanckenhorn, W.U., Hargreaves, T., Kadiri, N., Knäbe, S., Lehmus, J., Lumaret, J.P., Rosenkranz, B., Scheffczyk, A., Sekine, T., (2010). Results of an international ring test with the dung fly *Musca autumnalis* in support of a new OECD test guideline. *Science of The Total Environment* 408 (19), 4102–4106.

Wolf, J.C., Lutz, I., Kloas, W., Springer, T.A., Holden, L.R., Krueger, H.O., Hosmer, A.J., (2010). Effects of 17 β -estradiol exposure on *Xenopus laevis* gonadal histopathology. *Environmental Toxicology and Chemistry* 29 (5), 1091–1105.

2011 – 2020

Brain, R.A., Hosmer, A.J., Desjardins, D., Kendall, T.Z., Krueger, H.O., Wall, S.B., (2012). Recovery of duckweed from time-varying exposure to atrazine. *Environmental Toxicology and Chemistry* 31 (5), 1121–1128.

Clements, L.N., Lemus, R., Butler, A.D., Heim, K., Rebstock, M.R., Venezia, C., Pardus, M., (2012). Acute and Chronic Effects of Sodium Tungstate on an Aquatic Invertebrate (*Daphnia magna*), Green Alga (*Pseudokirchneriella subcapitata*), and Zebrafish (*Danio rerio*). *Archives of Environmental Contamination and Toxicology* 63 (3), 391–399.

Graef, F., Roembke, J., Binimelis, R., Myhr, A.I., Hilbeck, A., Breckling, B., Dalgaard, T., Stachow, U., Catacora-Vargas, G., Bohn, T., Quist, D., (2012). A framework for a European network for a systematic environmental impact assessment of genetically modified organisms (GMO). *BioRisk* 7, 73–97.

Blake, T.J.A., Beattie, I.G., (2013). Problems have been encountered in coupling to the MS. A recent remedy. *Bioanalysis of Drugs and Metabolites, Especially Anti-Inflammatory and Cardiovascular* 18, 353.

Dinter, A., Oberwalder, C., Kabouw, P., Coulson, M., Ernst, G., Leicher, T., Miles, M., Weyman, G., Klein, O., (2013). Occurrence and distribution of earthworms in agricultural landscapes across Europe with regard to testing for responses to plant protection products. *Journal of Soils and Sediments* 13 (2), 278–293.

Green, J.W., Springer, T.A., Staveley, J.P., (2013). The drive to ban the NOEC/LOEC in favor of ECx is misguided and misinformed. *Integrated Environmental Assessment and Management* 9 (1).

Koch, D.A., Clark, K.L., Tessier, D.M., (2013). Quantification of Pyrethroids in Environmental Samples Using NCI-GC-MS with Stable Isotope Analogue Standards. *Journal of Agricultural and Food Chemistry* 61 (10), 2330–2339.

Clark, K.L., Koch, D.A., Tessier, D.M., Markle, J.C., (2014). Analysis of Pyrethroid Insecticides in Complex Environmental Samples, Using Stable Isotope-Labeled Standards as Surrogates. *American Chemical Society Symposium Series 1168*, 195–206.

Diao, X., (2014). Ropinirole. *Handbook of Metabolic Pathways of Xenobiotics* 8, 1–3.

Green, J.W., Springer, T.A., Saulnier, A.N., Swintek, J., (2014). Statistical analysis of histopathological endpoints. *Environmental Toxicology and Chemistry* 33 (5), 1108–1116.

Lanteigne, M., Whiting, S.A., Lydy, M.J., (2014). A multi-year field study to evaluate environmental fate and transport of agricultural insecticides. *The Science of the Total Environment* 497-498, 534–542.

Whiting, S.A., Strain, K.E., Campbell, L.A., Young, B.G., Lydy, M.J., (2014). Laboratory and field validation of a Cry1Ab protein quantitation method for water. *Talanta* 128, 109–116.

de Perre, C., Whiting, S.A., Lydy, M.J., (2015). A simultaneous extraction method for organophosphate, pyrethroid, and neonicotinoid insecticides in aqueous samples. *Archives of Environmental Contamination and Toxicology*. *Archives of Environmental Contamination and Toxicology* 68 (1), 745–756.

de Perre, C., Whiting, S.A., Lydy, M.J., (2015). A site-specific ecological risk assessment for corn-associated insecticides. *Integrated Environmental Assessment and Management*. *Integrated Environmental Assessment and Management* 11 (3), 445–458.

Gobas, F.A., Powell, D.E., Woodburn, K.B., Springer, T., Huggett, D.B., (2015). Bioaccumulation of decamethylpentacyclosiloxane (D5): A review. *Environmental Toxicology and Chemistry* 34 (12), 2703–2714.

Knäbe, S., Mack, P., Chen, A., Bocksch, S., (2015). Available methods for the sampling of nectar, pollen, and flowers of different plant species. *Julius-Kühn-Archiv* 450, 131–138.

Levine, S.L., von Mérey, G., Minderhout, T., Manson, P., Sutton, P., (2015). Aminomethylphosphonic acid has low chronic toxicity to *Daphnia magna* and *Pimephales promelas*. *Environmental Toxicology and Chemistry* 34 (6), 1382–1389.

Lin, Y., Di Toro DM., Allen HE., (2015). Development and validation of a terrestrial biotic ligand model for Ni toxicity to barley root elongation for non-calcareous soils. *Environmental Pollution* 202, 41–49.

Pistorius, J., Wehner, A., Kriszan, M., Barga, H., Knäbe, S., Klein, O., Frommberger, M., Staehler, M., Heimbach, U., (2015). Application of predefined doses of neonicotinoid containing dusts in field trials and acute effects on honey bees. *Bulletin of Insectology* 68 (2), 161–172.

Whiting, S.A., Lydy, M.J., (2015). Mixture toxicity of imidacloprid and cyfluthrin to two non-target species, the fathead minnow *Pimephales promelas*, and the amphipod, *Hyalella azteca*. *Archives of Environmental Contamination and Toxicology*. *Archives of Environmental Contamination and Toxicology* 68 (2), 354–361

Coady, K.K., Biever, R.C., Denslow, N.D., Gross, M., Guiney, P.D., Holbech, H., Karouna-Renier, N.K., Katsiadaki, I., Krueger, H., Levine, S.L., Maack, G., (2017). Current limitations and recommendations to improve testing for the environmental assessment of endocrine active substances. *Integrated Environmental Assessment and Management* 13 (2), 302–316.

Kasiotis, K.M., Tsakirakis, A.N., Glass, C.R., Charistou, A.N., Anastassiadou, P., Gerritsen-Ebben, R., Machera, K., (2017). Assessment of field re-entry exposure to pesticides: A dislodgeable foliar residue study. *Science of the Total Environment* 596, 178–186.

Lopes, M.P., Fernandes, K.M., Tomé, H.V.V., Gonçalves, W.G., Miranda, F.R., Serrão, J.E., Martins, G.F., (2017). Spinosad-mediated effects on the walking ability, midgut, and Malpighian tubules of Africanized honey bee workers. *Pest Management Science* 74 (6), 1311–1318.

Matthiessen, P., Ankley, G.T., Biever, R.C., Bjerregaard, P., Borgert, C., Brugger, K., Blankinship, A., Chambers, J., Coady, K.K., Constantine, L., Dang, Z., (2017). Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances. *Integrated Environmental Assessment and Management* 13 (2), 267–279.

Tomé, H.V., Ramos, G.S., Araújo, M.F., Santana, W.C., Santos, G.R., Guedes, R.N.C., Maciel, C.D., Newland, P.L., Oliveira, E.E., (2017). Agrochemical synergism imposes higher risk to Neotropical bees than to honeybees. *Royal Society open science* 4 (1) 160866.

Woodcock, B.A., Bullock, J.M., Shore, R.F., Heard, M.S., Pereira, M.G., Redhead, J., Ridding, L., Dean, H., Sleep, D., Henrys, P., Knäbe, S., Peyton, J., (2017). Country-specific effects of neonicotinoid pesticides on honey bees and wild bees. *Science* 356, 1–3.

Yeisson, G., Gabryele, S.R., Hudson, V.V.T., Eugênio, E.O., Ana, L.S., (2017). Bt i-based insecticide enhances the predatory abilities of the backswimmer *Buenoa tarsalis* (Hemiptera: Notonectidae). *Ecotoxicology* 26 (8), 1147–1155.

Zhang, M., Whiting, S.A., Clark, B., (2017). Application of Kinetic Modeling to Predict the Fate of Two Indoxacarb Metabolites and Their Bound Residue Degradation Pathways in Soil. *The Science of the Total Environment* 607-608, 829–837.

Candolfi, M.P., Bargaen, H., Bocksch, S., Klein, O., Kleinhenz, M., Knaebe, S., Szczesniak, B., (2018). Which Endpoints Can Be Reliably Assessed in Semi-field Pollinator Species Testing without Estimating False Positive or False Negative? MDD's and Replicates Issue. *Journal of Agricultural Science and Technology A* 8, 142–161.

Green, J.W., Springer, T.A., Holbech, H., (2018). Statistical analysis of ecotoxicity studies. John Wiley & Sons.

Faraji, F., Mack, P., Staudt, S., Kolkman, J., (2018). Two new species records of *Proprioiseiopsis* Muma (Acari: Mesostigmata: Phytoseiidae) from Germany. *Soil Organisms* 90 (3), 123–130.

Lourenço AM., Haddi K., Ribeiro BM., Corrêia RF., Tomé HV., Santos-Amaya O., Pereira EJ., Guedes RN., Santos GR., Oliveira EE., Aguiar RW., (2018). Essential oil of *Siparuna guianensis* as an alternative tool for improved lepidopteran control and resistance management practices. *Scientific Reports* (1).

Ravaiano, S.V., Barbosa, W.F., Tomé, H.V.V., de Oliveira Campos, L.A., Martins, G.F., (2018). Acute and oral exposure to imidacloprid does not affect the number of circulating hemocytes in the stingless bee *Melipona quadrifasciata* post immune challenge. *Pesticide biochemistry and physiology* 152, 24–28.

Valverde-Garcia, P., Springer, T., Kramer, V., Foudoulakis, M., Wheeler, J.R., (2018). An avian reproduction study historical control database: A tool for data interpretation. *Regulatory Toxicology and Pharmacology* 92, 295–302.

Weeks, E.N., Schmehl, D.R., Baniszewski, J., Tomé, H.V., Cuda, J.P., Ellis, J.D., Stevens, B.R., (2018). Safety of methionine, a novel biopesticide, to adult and larval honey bees (*Apis mellifera* L.). *Ecotoxicology and environmental safety* 149, 211–216.

Brain, R., Goodwin, G., Abi-Akar, F., Lee, B., Rodgers, C., Flatt, B., Lynn, A., Kruger, G., Perkins, D., (2019). Winds of change, developing a non-target plant bioassay employing field-based pesticide drift exposure: A case study with atrazine. *The Science of the Total Environment* 678, 239–252.

Eimanifar, A., Aufderheide, J., Schneider, S.Z., Krueger, H., Gallagher, S., (2019). Development of an in vitro diagnostic method to determine the genotypic sex of *Xenopus laevis*. *PeerJ - Life & Environment* 7.

Fernandes, K.M., Tomé, H.V.V., Miranda, F.R., Gonçalves, W.G., Pascini, T.V., Serrão, J.E., Martins, G.F., (2019). *Aedes aegypti* larvae treated with spinosad produce adults with damaged midgut and reduced fecundity. *Chemosphere* 221, 464–470.

Zubrod, J.P., Düring, R.A., Ebke, K.P., Englert, D., Frische, T., Hitzfeld, B., Junghans, M., Kaiser, D., Kehrer, A., Knaebe, S., Ruchter, N., (2019). Celebrating 20 years of SETAC German Language Branch (GLB). *Environmental Sciences Europe* 31 (9), 1–8.

Cohen, Y., Berg, C., Gonsior, G., Knäbe, S., (2020). Practical experiences with a syrup feeding study design based on a new MRL guideline SANTE11956/2016 rev.9 (2018). *Julius-Kühn-Archiv* 14 (1), 20–25.

Constantine, L.A., Green, J.W., Schneider, S.Z., (2020). Ibuprofen: Fish Short-Term Reproduction Assay with Zebrafish (*Danio rerio*) based on an Extended OECD 229 Protocol. *Environmental Toxicology and Chemistry* 39 (8), 1534–1545

Dinehart, S., Hubert, T.D., (2020). Investigation on Endocrine Disruption of the Larval Lampricide 3-Trifluoromethyl-4-Nitrophenol: Short-Term Reproduction Assay with Fathead Minnow (*Pimephales promelas*). *Environmental Toxicology and Chemistry* 39 (8), 1599–1607.

Duffner, A., Moser, T., Candolfi, M.P., (2020). Feasibility of assessing vegetative and generative endpoints of crop- and non- crop terrestrial plant species for non-target terrestrial plant (NTTP) regulatory testing under greenhouse conditions. *PLoS ONE* 15 (3), 1–15.

Gonsior, G., Tausch, F., Schmidt, K.L., Knäbe, S., (2020). Impact of an Oomen feeding with a neonicotinoid on daily activity and colony development of honeybees assessed with an AI based monitoring device. *BioRxiv* 14 (1), 25–29.

Hudson, V.V.T., Daniel, R.S., Ashlyn, E.W., Raquel, S.M.G., Samira, V.R., Raul, N.C.G., Gustavo, F.M., James, D.E., (2020). Frequently encountered pesticides can cause multiple disorders in developing worker honey bees. *Environmental Pollution* 256, 113420

Knäbe, S., Allan, M.J., Alschner, A., Amsel, K., Classen, C., Cornement, M., Elston, C., Exeler, N., Franke, L., Frommberger, M., Giffard, H., (2020). Higher TIER bumble bees and solitary bees recommendations for a semi-field experimental design. *Julius-Kühn-Archiv* 465 (1), 40–45.

Leak, T., Aufderheide, J., Bergfield, A., Hubert, T.D., (2020). Acute toxicity of the lampricides TFM and niclosamide: Effects on a vascular plant and a chironomid species. *Journal of Great Lakes Research* 46 (1), 180–187.

2021 –

Franke, L., Elston, C., Jütte, T., Klein, O., Knäbe, S., Lückmann, J., Roessink, I., Persigehl, M., Cornement, M., Exeler, N., Giffard, H. (2021). Results of 2-Year Ring Testing of a Semifield Study Design to Investigate Potential Impacts of Plant Protection Products on the Solitary Bees *Osmia Bicornis* and *Osmia Cornuta* and a Proposal for a Suitable Test Design. *Environmental Toxicology and Chemistry* 40 (1), 236–250.

Fellmann, S., Duffner, A., Kirkwood, A., Lopez-Mancisidor, P., Arnie, J., Krueger, H., du Hoffmann, G., Wolf, J., Kraetzig, G., Springer, T., and Iseme, R. (2023). Reproducibility, reliability, and regulatory relevance of plant visualinjury assessments. *Integrated Environmental Assessment and Management*, 20, 4855

Tomé HVV, Clark SL, Jorgenson BC, Kimmel S, Wenzel B, Gimeno C, Porch J, Patnaude MR, Schmidt K, Deslandes L, Schmehl DR. (2023). Chronic larval and adult honey bee laboratory testing: Which dietary additive should be considered when a test substance is not solubilized in acetone? *Ecotoxicology and Environmental Safety* 268, 115718.

BIOPHARMA SERVICES

1980 – 1990

Molina, P., Arques, A., De los Desamparados Velasco, M., Villalgordo, J.M., (1987). Fused thiazoles from 3-aminothiazoline-2-thiones. Synthesis of pyrazolo[5,1-b]thiazole and thiazolo[2,3-b]-1,3,4-thiadiazine derivatives. *Heterocycles* 26 (5), 1323–1332.

Duchêne, P., Bernouillet, C., Bromet-Petit, M., Mosser, J., Feniou, C., Gaudin, D., Virelizier, H., (1988). Metabolism of ¹⁴C Thymoxamine in rat and human. *Xenobiotica* 18 (8), 919–928.

Duchêne, P., Le Dily, J., Bromet-Petit, M., Mosser, J., Feniou, C., (1988). High-performance liquid chromatographic assay of the metabolites of thymoxamine. *Journal of Chromatography* 424, 205–210.

Molina, P., Arques, A., Velasco, M.D., Villalgordo, J.M., (1988). Fused thiazoles from 3-amino-2-thioxo-2,3-dihydrothiazoles. Synthesis of mesoionic thiazolo[2,3-b]-1,3,4-thiadiazoles and 2,3-dihydro-4H-thiazolo[2,3-b][1,3,4]thiadiazin-5-ium derivatives. *Synthesis* 1988 (9), 729–733.

Kauffman, J., Dybowski, C., (1989). Determination of transition temperatures and crystalline content of linear, high-molecular-weight polyethylene by proton NMR spectroscopy. *Polymer Physics* 27 (11), 2203–2209.

Sprung, R., Davis, M.E., Kauffman, J., Dybowski, C., (1990). Pillaring of magadiite with silicate species. *Industrial & Engineering Chemistry Research* 29 (2), 213–220.

Villalgordo, J.M., Vincent, B.R., Heimgartner, H., (1990). Reaction of 3-amino-2H-azirines with 2-amino-4,6-dinitrophenol (picramic acid). Synthesis of quinoxaline- and 1,3-benzoxazole derivatives. *Helvetica Chimica Acta* 73 (4), 959–974.

1991 – 2000

Mahe, L., Chapelain, B., Gargouil, Y.M., Néliat, G. (1991). Characterization of beta-adrenoceptor subtypes and indications for two cell populations in isolated bovine mesenteric lymphatic vessels. *European Journal of Pharmacology* 199 (1), 19–25.

Tsiao, C.J., Kauffman, J., Corbin, D.R., Abrams, L., Carroll Jr., E.E., Dybowski, C. (1991). Xenon in zeolite Rho. Adsorption and xenon-129 NMR spectroscopy. *The Journal of Physical Chemistry* 95 (14), 5586–5591.

Duchêne, P., Papalexioiu, P., Ramis, J., Izquierdo, I., Houin, G. (1992). Pharmacokinetic Profile of (¹⁴C) Flutrimazole following Single Topical Application in Normal and Scarified Skin of Healthy Volunteers. *Arzneimittel – Forschung/Drug Research* 42 (6), 861–863.

Robert, R., Chapelain, B., Jean, T., Néliat, G., (1992). Interleukin-1 impairs both vascular contraction and relaxation in rabbit isolated aorta. *Biochemical and Biophysical Research Communications* 182 (2), 733–739.

Villalgordo, J.M., Heimgartner, H., (1992). Reaction of diphenyl phosphorochloridate with amide enolates: A new and convenient synthesis of 2-monosubstituted 3-(N-methyl-N-phenylamino)-2H-azirines. *Helvetica Chimica Acta* 75 (6), 1866–1871.

Villalgordo, J.M., Linden, A., Heimgartner, H., (1992). Reactions of 2-monosubstituted 3-amino-2H-azirines with NH-acidic heterocycles. *Helvetica Chimica Acta* 75 (7), 2270–2282.

- Lebrillant, E., Roulet, M.J., Robert, R., Schiavi, P., Guez, D., Jean, T., (1993).** Study of antiatherogenic properties of indapamide in a pharmacologic model. *Journal of Cardiovascular Pharmacology* 22 (6), 53–60.
- Villalgorido, J.M., Heimgartner, H., (1993).** A novel synthesis of 2,2-disubstituted 3-amino-2H-azirines based on the reaction between amide enolates and diphenyl phosphorochloridate. *Helvetica Chimica Acta* 76 (8), 2830–2837.
- Villalgorido, J.M., Heimgartner, H., (1993).** Synthesis of a novel heterospirocyclic 3-(N-methyl-N-phenylamino)-2H-azirine and its use as an amino acid equivalent in the preparation of a model tripeptide. *Tetrahedron* 49 (33), 7215–7222.
- Galizzi, J.P., Bodinier, M.C., Chapelain, B., Ly, S.M., Coussy, L., Giraud, S., Neliat, G., Jean, T., (1994).** Up-regulation of [3H]-des-Arg10-kallidin binding to the bradykinin B1 receptor by interleukin-1 beta in isolated smooth muscle cells: Correlation with B1 agonist-induced PGI2 production. *British Journal of Pharmacology* 113 (2), 389–394.
- Palomo, C., Berree, F., Linden, A., Villalgorido, J.M., (1994).** Exo,exo-2-Amino-3-borneol-derived oxazolidinone as a new chiral auxiliary for use in asymmetric transformations. *Journal of the Chemical Society, Chemical Communications* (16), 1861–1862.
- Villalgorido, J.M., Enderli, A., Linden, A., Heimgartner, H., (1995).** Diazo-transfer reaction with diphenyl phosphorazidate. *Helvetica Chimica Acta* 78 (8), 1983–1998.
- Chucholowski, A., Masquelin, T., Obrecht, D., Stadlwieser, J., Villalgorido, J.M., (1996).** Novel solution- and solid-phase strategies for the parallel and combinatorial synthesis of low-molecular-weight compound libraries. *CHIMIA International Journal for Chemistry* 50 (11), 525–530.
- Guerin, V., Delance, V., Papalexou, P., Duchêne, P., Houin, G., Thomas, J.L., (1996).** Systemic absorption of 14C-radiolabelled sertaconazole administered in 300 mg prolonged liberation vaginal suppository form to four healthy post-menopausal women. *Journal de mycologie médicale (Paris)* 6 (2), 63–67.
- Neliat, G., Bodinier, M.C., Panconi, E., Briley, M., (1996).** Lack of effect of repeated administration of milnacipran, a double noradrenaline and serotonin reuptake inhibitor, on the beta-adrenoceptor-linked adenylate cyclase system in the rat cerebral cortex. *Neuropharmacology* 35 (5), 589–593.
- Saivin, S., Carrie, D., Escourrou, J., Duchene, P., Zamboni, V., Barbanti, M., Palazzini, E., Houin, G., (1996).** Pharmacokinetics of low molecular weight Dermatan Sulphate (Desmin) in different cohorts of patients. *Thrombosis Research* 90 (3), 139–145.
- Villalgorido, J.M., Linden, A., Heimgartner, H., (1996).** A novel amination reaction with diphenyl phosphorazidate: Synthesis of α -amino-acid derivative. *Helvetica Chimica Acta* 79 (1), 213–219.
- Obrecht, D., Abrecht, C., Grieder, A., Villalgorido, J.M., (1997).** A novel and efficient approach for the combinatorial synthesis of structurally diverse pyrimidines on solid support. *Helvetica Chimica Acta* 80 (1), 65–72.
- Pop, I.E., Déprez, B.P., Tartar, A.L., (1997).** Versatile Acylation of N-Nucleophiles Using a New Polymer-Supported 1-Hydroxybenzotriazole Derivative. *The Journal of Organic Chemistry* 62 (8), 2594–2603.
- Villalgorido, J.M., Heimgartner, H., (1997).** Combinatorial organic Synthesis and the lead discovery process. *Methods and Findings in Experimental and Clinical Pharmacology* 19, 37–41.
- Villalgorido, J.M., Heimgartner, H., (1997).** Synthesis of cyclic depsipeptides and peptides via direct amide cyclization. *Helvetica Chimica Acta* 80 (3), 748–766.
- Duchêne, P., Giudicelli, M.D., Neau, B., Gronfier, A., Firmin, Y., Villax, P., Saivin, S., Houin, G., (1998).** Pharmacokinetics, protein binding and metabolic profile of 3H-icometasone enbutate following intravenous,

oral and intratracheal administrations to Sprague-Dawley rats. *Arzneimittel – Forschung/Drug Research* 48 (4), 371–378.

Laneury, J.P., Duchene, P., Hirt, P., Delarue, A., Gleizes, S., Houin, G., Molinier, P., (1998). Comparative bioavailability study of codeine and ibuprofen after administration of the two products alone or in association to 24 healthy volunteers. *European Journal of Drug Metabolism and Pharmacokinetics* 23 (2), 185–189.

Obrecht, D., Villalgorido, J.M., (1998). Solid-Supported Combinatorial and Parallel Synthesis of Small-Molecular-Weight Compound Libraries. *Pergamon Publications*, 338 Pages.

Stoeckel, K., Hofheinz, W., Laneury, J.P., Duchêne, P., Shedlofsky, S., Blouin, R.A., (1998). Stability of Cephalosporin prodrug esters in human intestinal juice: Implications for oral bioavailability. *Antimicrobial Agents and Chemotherapy* 42 (10), 2602–2606.

Villalgorido, J.M., Obrecht, D., Chucholowsky, A., (1998). Solid-Phase Synthesis of 3H-Quinazolin-4-ones Based on an Aza Wittig-Mediated annulation Strategy. *Synlett* 1998 (12), 1405–1407.

Duchêne, P., et al., (1999). Part I: Pharmacokinetics and tissular distribution in Sprague – Dawley rats. *Arzneimittel – Forschung/Drug Research* 49 (6), 504–508.

Duchêne, P., et al., (1999). Part II: Pharmacokinetics in primates after repeated oral or single intravenous administration. *Arzneimittel – Forschung/Drug Research* 49 (7), 608–611.

Duchêne, P., Laneury, J.P., Tran, G., Ladure, P., Ollivier, R., Buzas, A., Merour, J.Y., Georges, H., (1999). Pharmacokinetics, Metabolism and Bioavailability of the New – anti allergic Drug BM 113. *Arzneimittel – Forschung/Drug Research* 49 (8), 699–704.

Heras, M., Ventura, M., Linden, A., Villalgorido, J., (1999). A new class of fused imidazoles by intramolecular nucleophilic ipso-substitution in 2-(alkylsulfonyl)imidazoles. Synthesis of 2,3-dihydroimidazo[2,1-b][1,3]oxazoles. *Synthesis* 1999 (9), 1613–1624

Pagliari, L., (1999). Mechanisms for cytoplasmic organization: An overview. *International Review of Cytology* 192, 303–318.

Serrat, X., Cabarrocas, G., Rafel, S., Ventura, M., Linden, A., Villalgorido, J.M., (1999). A highly efficient and straightforward stereoselective synthesis of novel chiral α -acetylenic ketones. *Tetrahedron: Asymmetry* 10 (17), 3417–3430.

Cabarrocas, G., Rafel, S., Ventura, M., Villalgorido, J.M., (2000). A new approach toward the stereoselective synthesis of novel quinolyl glycines: Synthesis of the enantiomerically pure quinolyl- β -amino alcohol precursors. *Synlett* 2000 (5), 0595–0598.

Cabarrocas, G., Ventura, M., Maestro, M., Mahia, J., Villalgorido, José, M., (2000). Reaction between hydrazines and chiral α -acetylenic ketones: Synthesis of novel enantiomerically pure pyrazolyl- β -amino alcohols. *Tetrahedron: Asymmetry* 11 (12), 2483–2493.

Coulomb, F., Ducret, F., Laneury, J.P., Fiorentini, F., Poggesi, I., Jannuzzo, M.G., Fleishaker, J.C., Houin, G., Duchêne, P., (2000). Pharmacokinetics of single-dose reboxetine in volunteers with renal insufficiency. *Journal of Clinical Pharmacology* 40 (5), 485–487.

Entzeroth, M., Chapelain, B., Guilbert, J., Hamon, V., (2000). High throughput drug profiling. *Journal of Automated Methods and Management in Chemistry* 5 (4), 69–71.

Cabarrocas, G., Ventura, M., Maestro, M., Mahia, J., Villalgorido, J.M., (2001). Synthesis of novel optically pure quinolyl- β -amino alcohol derivatives from 2-amino thiophenol and chiral α -acetylenic ketones and their IBX-mediated oxidative cleavage to N-Boc quinolyl carboxamides. *Tetrahedron: Asymmetry* 12 (13), 1851–1863.

- Fontrodona, X., Diaz, S., Linden, A., Villalgordo, J.M., (2001).** Copper(I) bromide-mediated synthesis of novel 2-arylthiazole-5-carboxylates from α -diazo- β -keto esters and aromatic thioamides. *Synthesis* 2001 (13), 2021–2027.
- Giraud, C., Manceau, S., Oualha, M., Chappuy, H., Mogenet, A., Duchêne, P., Ducrocq, S., Hubert, P., Treluyer, J.M., (2001).** High levels and safety of oseltamivir carboxylate plasma concentrations after nasogastric administration in critically ill children in pediatric intensive care unit. *Antimicrobial Agents and Chemotherapy* 55 (1), 433–435.
- Heras, M., Ventura, M., Linden, A., Villalgordo, J.M., (2001).** Reaction of α -iminomethylene amino esters with mono- and bidentate nucleophiles: A straightforward route to 2-amino-1H-5-imidazolones. *Tetrahedron* 57 (20), 4371–4388.
- Poulain, R., Horvath, D., Bonnet, B., Eckhoff, C., Chapelain, B., Bodinier, M.C., Déprez, B., (2001).** From hit to lead. Combining two complementary methods for focused library design. *Journal of Medicinal Chemistry* 44 (21), 3391–3401.
- Font, D., Heras, M., Villalgordo, J.M., (2002).** Development of an efficient and straightforward methodology toward the synthesis of molecularly diverse 2,6-disubstituted 3,4-dihydropyrimidin-4(3H)-ones. *Synthesis* 2002 (13), 1833–1842.
- Font, D., Heras, M., Villalgordo, J.M., (2003).** Solution- and Solid-Phase Parallel Synthesis of 4-Alkoxy-Substituted Pyrimidines with High Molecular Diversity. *Journal of Combinatorial Chemistry* 5 (3), 311–321.
- Heras, M., Font, D., Linden, A., Villalgordo, J.M., (2003).** Synthesis of triazolo[1,5-a]triazin-7-one derivatives and highly functionalized [1,2,4]triazoles. *Helvetica Chimica Acta* 86 (9), 3204–3214.
- Horvath, D., Jeandenans, C., (2003).** Neighborhood Behavior of in Silico Structural Spaces with Respect to in Vitro Activity Spaces—A Novel Understanding of the Molecular Similarity Principle in the Context of Multiple Receptor Binding Profiles. *Journal of Chemical Information and Modelling* 43 (2), 691–698.
- Krejsa, C.M., Horvath, D., Rogalski, S.L., Penzotti, J.E., Mao, B., Barbosa, F., Migeon, J.C., (2003).** Predicting ADME properties and side effects: The BioPrint approach. *Current Opinion in Drug Discovery and Development* 6 (4), 470–480.
- Moreno, P., Heras, M., Maestro, M., Villalgordo, J.M., (2003).** Synthesis of novel 2,3-dihydroimidazo[2,1-b][1,3]oxazoles through intramolecular nucleophilic ipso-substitution in 2-alkylsulfonylimidazoles. *Synthesis* 18, 2691–2700.
- Kunkel, E.J., Dea, M., Ebens, A., Hytopoulos, E., Melrose, J., Nguyen, D., Ota, K.S., Plavec, I., Wang, Y., Watson, S.R., Butcher, E.C., Berg, E.L., (2004).** An integrative biology approach for analysis of drug action in models of human vascular inflammation. *The FASEB Journal* 18 (11), 1279–1281.
- Kunkel, E.J., Plavec, I., Nguyen, D., Melrose, J., Rosler, E.S., Kao, L.T., Wang, Y., Hytopoulos, E., Bishop, A.C., Bateman, R., Shokat, K.M., Butcher, E.C., Berg, E.L., (2004).** Rapid structure-activity and selectivity analysis of kinase inhibitors by BioMAP analysis in complex human primary cell-based models. *Assay and Drug Development Technologies* 2 (4), 431–441.
- Berg, E.L., Kunkel, E.J., Hytopoulos, E., Plavec, I., (2005).** Biological complexity and drug discovery: a practical systems biology approach. *IEE Proceedings-Systems Biology/IET Digital Library* 152 (4), 201–206.
- Cieślak, J., Ausín, C., Chmielewski, M.K., Kauffman, J., Snyder, J., Del-Grosso, A., Beaucage, S.L., (2005).** ³¹P NMR Study of the Desulfurization of Oligonucleoside Phosphorothioates Effected by “Aged” Trichloroacetic Acid Solutions. *Journal of Organic Chemistry* 70 (8), 3303–3306.
- Rolland, C., Gozalbes, R., Nicolai, E., Paugam, M.F., Coussy, L., Barbosa, F., Horvath, D., Revah, F., (2005).** G-protein-coupled receptor affinity prediction based on the use of a profiling dataset: QSAR design, synthesis, and experimental validation. *Journal of Medicinal Chemistry* 48 (21), 6563–6574.

- Berg, E.L., Kunkel, E.J., Hytopoulos, E., Plavec, I., (2006).** Characterization of compound mechanisms and secondary activities by BioMAP analysis. *Journal of Pharmacological and Toxicological Methods* 53 (1), 67–74.
- Draghi, D.C., Benton, B.M., Jones, M.E., Krause, K.M., Thornsberry, C., Sahm, D.F., (2006).** In vitro activity of telavancin against enterococci: Results of the 2004–2005 US surveillance initiative. In 46th interscience conference on antimicrobial agents and chemotherapy (ICAAC). E paper in biotech.com, #E-0717.
- Font, D., Linden, A., Heras, M., Villagordo, J.M., (2006).** A simple approach for the regioselective synthesis of imidazo[1,2-a]pyrimidinones and pyrimido[1,2-a]pyrimidinones. *Tetrahedron* 62 (7), 1433–1443.
- Froloff, N., Hamon, V., Dupuis, P., Otto-Bruc, A., Mao, B., Merrick, S., Migeon, J., (2006).** Construction of a homogeneous and informative in vitro profiling database for anticipating the clinical effects of drugs. (pp. 175–206). Imperial College Press: London.
- Hamon, V., Crawford, M., Jean, T., (2006).** Pharmacological and pharmaceutical profiling: New trends. In *The Process of New Drug Discovery and Development*. In Charles G. Smith T., James T., (Ed.). Taylor & Francis, Boca Raton.
- Kauffman, J., (2006).** Identification and Risk-Assessment of Extractables and Leachables. *Pharmaceutical Technology Primer*.
- Mao, B., Gozalbes, R., Barbosa, F., Migeon, J., Merrick, S., Kamm, K., Wong, E., Costales, C., Shi, W., Wu, C., Froloff, N., (2006).** QSAR modeling of in vitro inhibition of cytochrome P450 3A4. *Journal of Chemical Information and Modelling* 46 (5), 2125–2134.
- O’Brien, P.J., Irwin, W., Diaz, D., Howard-Cofield, E., Krejsa, C.M., Slaughter, M.R., Gao, B., Kaludercic, N., Angeline, A., Bernardi, P., Brain, P., (2006).** High concordance of drug-induced human hepatotoxicity with in vitro cytotoxicity measured in a novel cell-based model using high content screening. *Archives of Toxicology* 80 (9), 580–604.
- Park, C.H., Robicsek, A., Jacoby, G.A., Sahm, D., Hooper, D.C., (2006).** Prevalence in the United States of aac(6′)-Ib-cr Encoding a Ciprofloxacin-Modifying Enzyme. *Antimicrobial Agents and Chemotherapy* 50 (11), 3953–3955.
- Potin, D., Launay, M., Monatlik, F., Malabre, P., Fabreguettes, M., Fouquet, A., Maillet, M., Nicolai, E., Dorgeret, L., Chevallier, F., Besse, D., (2006).** Discovery and development of 5-[(5S,9R)-9-(4-cyanophenyl)-3-(3,5-dichlorophenyl)-1-methyl-2,4-dioxo-1,3,7 triazaspiro[4.4]non-7-yl-methyl]-3-thiophenecarboxylic acid (BMS-587101)—a small molecule antagonist of leukocyte function associated antigen-1. *Journal of Medical Chemistry* 49 (24), 6946–6949.
- Alajarín, M., Cabrera, J., Pastor, A., Villagordo, J.M., (2007).** A new modular and flexible approach to [1,2,3]triazolo[1,5-a][1,4]benzodiazepines. *Tetrahedron Letters* 48 (20), 3495–3499.
- Balavoine, F., Malabre, P., Alleaume, T., Rey, A., Cherfils, V., Jeanneton, O., Seigneurin-Venin, S., Revah, F., (2007).** Design and synthesis of novel hydantoin-containing melanin-concentrating hormone receptor antagonists. *Bioorganic & Medicinal Chemistry Letters* 17 (13), 3754–3759.
- Diaz, D., Scott, A., Carmichael, P., Shi, W., Costales, C., (2007).** Evaluation of an automated in vitro micronucleus assay in CHO-K1 cells. *Mutation Research/Genetic Toxicology and Environmental Mutagenesis* 630, 1–13.
- Gandia, P., Bour, D., Maurette, J.M., Donazzolo, Y., Duchène, P., Béjot, M., Houin, G., (2007).** A bioavailability study comparing two oral formulations containing Zinc (Zn bis-glycinate vs. Zn gluconate) after a single administration to twelve healthy female volunteers. *International Journal for Vitamin and Nutrition Research* 77 (4), 243–248.

- Grajkowski, A., Ausin, C., Kauffman, J.S., Snyder, J., Hess, S., Beaucage, S.L., (2007).** DNA Oligonucleotides Functionalized with Thermolytic 4-Hydroxy-1-butyl or 4-Phosphato/thiophosphato-1-butyl thiophosphate Protecting Groups as Potential Prodrugs. *Journal of Organic Chemistry*.
- Jones, M.E., (2007).** In-vitro profile of a new β -lactam, ceftobiprole, with activity against methicillin-resistant *Staphylococcus aureus*. *Clinical Microbiology and Infection* 13 (s2), 17–24.
- Kauffman, J., (2007).** Solid-Phase Synthesis of Thermolytic DNA Oligonucleotides Functionalized with a Single 4-Hydroxy-1-butyl or 4-Phosphato-/Thiophosphato-1-butyl Thiophosphate Protectin Group. *The Journal of Organic Chemistry* 72 (3), 805–815.
- Kolodziejwski, M.J., Kauffman, J., (2007).** Assessment of 4-Nitrogenated Benzyloxymethyl Groups for 2'-Hydroxyl Protection in Solid-Phase RNA Synthesis. *Organic Letters - American Chemical Society* 9 (4), 671–674.
- Cieślak, J., Grajkowski, A., Kauffman, J., Duff, R.J., Beaucage, S.L., (2008).** The 4-(N-Dichloroacetyl-N-methylamino) benzyloxymethyl Group for 2'-Hydroxyl Protection of Ribonucleosides in the Solid-Phase Synthesis of Oligoribonucleotides. *The Journal of Organic Chemistry* 73 (7), 2774–2783.
- Emig, T., Schumacher, D., (2008).** Clearing the Air on Residual Solvents. *Pharmaceutical Technology* 32 (2).
- Font, D., Heras, M., Villalgordo, J.M., (2008).** Synthesis of pyrimidinyl arylglycines through subsequent Mitsunobu and Petasis reactions. *Series Anthropogenic Compounds* 64 (22), 5226–5235.
- Grajkowski, A., Cieslak, J., Kauffman, J., Duff, R.J., Norris, S., Freedberg, D.I., Beaucage, S.L., (2008).** Thermolytic release of covalently linked DNA oligonucleotides and their conjugates from controlled-pore glass at near neutral pH. *Bioconjugate Chemistry* 19 (8), 1696–1706.
- Gozalbes, R., Simon, L., Froloff, N., Sartori, E., Monteils, C., Baudelle, R., (2008).** Development and experimental validation of a docking strategy for the generation of kinase-targeted libraries. *Journal of Medicinal Chemistry* 51 (11), 3124–3132.
- Mason, J., Migeon, J., Otto-Bruc, A., Dupuis, P., (2008).** Use of Broad Biological Profiling as a Relevant Descriptor to Describe and Differentiate Compounds: Structure-In vitro (Pharmacology-ADME)-In Vivo (Safety) Relationships. *Antitargets: Prediction and Prevention of Drug Side Effects*, 23–52.
- Pillar, C.M., Aranza, M.K., Shah, D., Sahm, D.F., (2008).** In vitro activity profile of ceftobiprole, an anti-MRSA cephalosporin, against recent Gram-positive and Gram-negative isolates of European origin. *Journal of Antimicrobial Chemotherapy* 61 (3), 595–602.
- Smith, S., Oostdyk, T., (2008).** Navigating the complexities of biologic. *Good Clinical Practice Journal*.
- Bode, J., Byrne, E., Nauman, S.P., Cavedine, L., Foehrkolb, K., Moore, C., Armstrong, L., Armbruster, B.N., (2009).** Exploring Allosteric Compound Selectivity Through AllostericProfiler™ Assays. *SBS Conference*.
- Evans, H.L., Atkins, W.B., Clow, H.M., (2009).** How to Improve Cleaning Processes. Some key methods for a more efficient cleaning validation process. *Pharmaceutical Formulation Quality* 11.
- Houck, K.A., Dix, D.J., Judson, R.S., Kavlock, R.J., Yang, J., Berg, E.L., (2009).** Profiling bioactivity of the ToxCast chemical library using BioMAP primary human cell systems. *Journal of Biomolecular Screening/SAGE Journals* 14 (9), 1054–1066.
- Titus, S.A., Beacham, D., Shahane, S.A., Southall, N., Xia, M., Huang, R., Hooten, E., Zhao, Y., Shou, L., Austin, C.P., Zheng, W., (2009).** A new homogeneous high-throughput screening assay for profiling compound activity on the human ether-a-go-go-related gene channel. *Analytical Biochemistry* 394 (1), 30–38.

Yunginger, M., (2009). A look at the newly harmonized microbial limits methods and future impact on the industry. *Contract Pharma*, 70–72.

Armstrong, D., Migeon, J., Rolf, M.G., Bowes, J., Crawford, M., Valentin, J.P., (2010). Secondary Pharmacodynamic Studies and In Vitro Pharmacological Profiling. *Pharmaceutical Sciences Encyclopedia*.

Ausín, C., Kauffman, J.S., Duff, R.J., Shivaprasad, S., Beaucage, S.L., (2010). Assessment of heat-sensitive thiophosphate protecting groups in the development of thermolytic DNA oligonucleotide prodrugs. *Tetrahedron* 66 (1), 68–79.

Berg, E.L., Yang, J., Melrose, J., Nguyen, D., Privat, S., Rosler, E., Kunkel, E.J., Ekins, S., (2010). Chemical target and pathway toxicity mechanisms defined in primary human cell systems. *Journal of Pharmacological and Toxicological Methods* 61 (1), 3–15.

Bridwell, H., Dhingra, V., Peckman, D., Roark, J., Lehman, T., (2010). Perspectives on Method Validation I: Importance of adequate method validation. *The Quality assurance Journal* 13 (3–4), 72–77.

2011 – 2020

Asher, D., Slocum, A., Bergmann, K., Genest, P., Katz, A., Morais, J., Lawrence, C., Greenhalgh, P., (2011). Predicting virus filtration performance with virus spike characterization. *BioProcess International* 9 (3), 26–37.

Bhuniya, D., Umrani, D., Dave, B., Salunke, D., Kukreja, G., Gundu, J., Naykodi, M., Shaikh, N.S., Shitole, P., Kurhade, S., De, S., Majumdar, S., Reddy, S.B., Tambe, S., Shejul, Y., Chugh, A., Palle, V.P., Mookhtiar, K.A., Cully, D., Vacca, J., Chakravarty, P.K., Nargund, R.P., Wright, S.D., Graziano, M.P., Singh, S.B., Roy, S., Cai, T.Q. (2011). Discovery of a potent and selective small molecule hGPR91 antagonist. *Bioorganic & Medicinal Chemistry Letters* 21 (12), 3596–3602.

Duff, R.J., (2011). Investigation of light isomerization of tropolone using liquid chromatography and orbitrap mass spectrometry. *BioProcessing Journal* 1, 10–19.

Lehman, T.C., Bridwell, H.K., Roark, J.M., (2011). Perspectives on Method Validation II: Validation is a multistep process with USP regulatory guidelines at each step. *The Quality assurance Journal* 14 (1–2), 27–32.

Liu, S., Babcock, M.S., Bode, J., Chang, J.S., Fischer, H.D., Garlick, R.L., Gill, G.S., Lund, E.T., Margolis, B.J., Mathews, W.R., Rogers, B.N., (2011). Affinity purification of a chimeric nicotinic acetylcholine receptor in the agonist and antagonist bound states. *Protein Expression and Purification* 79 (1), 102–110.

McDowell, M., (2011). Is there a trend towards specialization or diversification among contract service providers? Are sponsors looking for a "one-stop shop" for all their needs?. *Pharmaceutical Processing*.

McDowell, M., (2011). Why should a company outsource its research and development?. *Pharmaceutical Processing*.

Xia, M., Shahane, S.A., Huang, R., Titus, S.A., Shum, E., Zhao, Y., Southall, N., Zheng, W., Witt, K.L., Tice, R.R., Austin, C.P., (2011). Identification of quaternary ammonium compounds as potent inhibitors of hERG potassium channels. *Toxicology and Applied Pharmacology* 252 (3), 250–258.

Aragones, L., Escude, C., Visa, P., Salvi, L., Mocé-Llivina, L., (2012). New insights for rapid evaluation of bactericidal activity: A semi-automated bioluminescent ATP assay. *Journal of Applied Microbiology* 113 (1), 114–125.

Bergamini, G., Bell, K., Shimamura, S., Werner, T., Cansfield, A., Müller, K., Perrin, J., Rau, C., Ellard, K., Hopf, C., Doce, C., Leggate, D., Mangano, R., Mathieson, T., O'Mahony, A., Plavec, I., Rharbaoui, F.,

Reinhard, F., Savitski MM., Ramsden N., Hirsch E., Drewes G., Rausch O., Bantscheff M., Neubauer G., (2012). A selective inhibitor reveals PI3Kd dependence of T(H)17 cell differentiation. *Nature Chemical Biology* 8 (6), 576–582.

Digby, G.J., Noetzel, M.J., Bubser, M., Utley, T.J., Walker, A.G., Byun, N.E., Lebois, E.P., Xiang, Z., Sheffler, D.J., Cho, H.P., Davis, A.A., (2012). Novel allosteric agonists of M1 muscarinic acetylcholine receptors induce brain region-specific responses that correspond with behavioral effects in animal models. *Journal of Neuroscience* 32 (25), 8532–8544.

Jones, C.K., Bubser, M., Thompson, A.D., Dickerson, J.W., Turle-Lorenzo, N., Amalric, M., Blobaum, A.L., Bridges, T.M., Morrison, R.D., Jadhav, S., Engers, D.W., Italiano, K., Bode, J., Daniels, J.S., Lindsley, C.W., Hopkins, C.R., Conn, P.J., Niswender, C.M., (2012). The metabotropic glutamate receptor 4-positive allosteric modulator VU0364770 produces efficacy alone and in combination with L-DOPA or an adenosine 2A antagonist in preclinical rodent models of Parkinson's disease. *Journal of Pharmacology and Experimental Therapeutics* 340 (2), 404–421.

Peters, J.U., Hert, J., Bissantz, C., Hillebrecht, A., Gerebtzoff, G., Bendels, S., Tillier, F., Migeon, J., Fischer, H., Guba, W., Kansy, M., (2012). Can we discover pharmacological promiscuity early in the drug discovery process?. *Drug Discovery Today* 17 (7–8), 325–335.

Berg, E.L., Yang, J., Polokoff, M.A., (2013). Building predictive models for mechanism-of-action classification from phenotypic assay data sets. *Journal of Biomolecular Screening/SAGE Journals* 18 (10), 1260–1269.

Gutierrez, M.M., Nicolas, L.B., Donazzolo, Y., Dingemans, J., (2013). Relative bioavailability of a newly developed pediatric formulation of bosentan vs. the adult formulation. *International Journal of Clinical Pharmacology and Therapeutics* 51 (6), 529–536.

Kelley, M., Ahene, A.B., Gorovits, B., Kamerud, J., King, L.E., McIntosh, T., Yang, J., (2013). Theoretical Considerations and Practical Approaches to Address the Effect of Anti-drug Antibody (ADA) on Quantification of Biotherapeutics in Circulation. *The AAPS Journal* 15 (3), 646–658.

Kesters, D., Thompson, A.J., Brams, M., Van Elk, R., Spurny, R., Geitmann, M., Villalgorido, J.M., Guskov, A., Helena Danielson, U., Lummis, S.C., Smit, A.B., (2013). Structural basis of ligand recognition in 5-HT3 receptors. *Scientific Report* 14 (1), 49–56.

Melton, A.C., Melrose, J., Alajoki, L., Privat, S., Cho, H., Brown, N., Plavec, A.M., Nguyen, D., Johnston, E.D., Yang, J., Polokoff, M.A., (2013). Regulation of IL-17A production is distinct from IL-17F in a primary human cell co-culture model of T cell-mediated B cell activation. *PLOS ONE* 8 (3).

Pichon, S., Guinet-Morlot, F., Minutello, M., Donazzolo, Y., Rouzier, R., Chassard, D., Fitoussi, S., Hou, V., (2013). A serum-free, purified vero cell rabies vaccine is safe and as immunogenic as the reference vaccine Verorab for pre-exposure use in healthy adults: Results from a randomized controlled phase-II trial. *Vaccine* 31 (18), 2295–2301.

Pépin, S., Donazzolo, Y., Jambrecina, A., Salamand, C., Saville, M., (2013). Safety and immunogenicity of a quadrivalent inactivated influenza vaccine in adults. *Vaccine* 31 (47), 5572–5578.

Renganathan, M., Wei, H., Zhao, Y., (2013). Analytical Issues Associated with Analysis of Contaminants as Groups. Assuring the Purity of Drinking Water (C. Patterson ed).

Roark, J.M., Jacques, M.N., Tullo, E.J., Blakinger, A.T., Lehman, T.C., (2013). Alternative Solvents for Extractables and Leachables Evaluation. *Pharmaceutical Technology* 37 (8), 51–53.

Berg, E.L., Hsu, Y.-C., Lee, J.A., (2014). Consideration of the cellular microenvironment: physiologically relevant co-culture systems in drug discovery. *Advanced Drug Delivery Reviews* 69, 190–204.

Berg, E.L., O'Mahony, A., (2014). Complex Primary Human Cell Systems for Drug Discovery. In: Human-based Systems for Translational Research. *The Royal Society of Chemistry*, 88–109.

Butler, T., Stover, J., Shyu, J., Hutchinson, Dr N., Kapp T., Boose Dr J., Hoy, C., Stramaglia, M., Young, D., (2014). Biologics Production and Single-Use Technologies: Challenges, Trends and Techniques. *American Pharmaceutical Review* 17, 1.

Ciceri, P., Müller, S., O'Mahony, A., Fedorov, O., Filippakopoulos, P., Hunt, J.P., Lasater, E.A., Pallares, G., Picaud, S., Wells, C., Martin, S., (2014). Dual kinase-bromodomain inhibitors for rationally designed polypharmacology. *Nature Chemical Biology* 10 (4), 305–312.

Ducker, C., Kauffman, J.S., Wang, W., Bergmann, K., Boose, J.A., DiPaolo, B., (2014). Outsourcing & Insourcing: Considerations for Biopharmaceutical Testing. *An American Pharmaceutical Review Supplement*.

Donazzolo, Y., Latreille, M., Caillaud, M.A., Mocaer, E., Seguin, L., (2014). Evaluation of the effects of therapeutic and suprathreshold doses of agomelatine on the QT/QTc interval: A phase I, randomized, double-blind, placebo-controlled and positive-controlled, crossover thorough QT/QTc study conducted in healthy volunteers. *Journal of Cardiovascular Pharmacology* 64 (5), 440–451.

Dupuis-Girod, S., Ambrun, A., Decullier, E., Samson, G., Roux, A., Fargeton, A.E., Rioufol, C., Schwertz, V., Disant, F., Chapuis, F., Donazzolo, Y., (2014). ELLIPSE Study: A Phase 1 study evaluating the tolerance of bevacizumab nasal spray in the treatment of epistaxis in hereditary hemorrhagic telangiectasia. *mAbs, Taylor & Francis*. 6 (3), 793–798.

Garside, H., Marcoe, K.F., Chesnut-Speelman, J., Foster, A.J., Muthas, D., Kenna, J.G., Warrior, U., Bowes, J., Baumgartner, J., (2014). Evaluation of the use of imaging parameters for the detection of compound-induced hepatotoxicity in 384-well cultures of HepG2 cells and cryopreserved Primary human hepatocytes. *Toxicology in Vitro* 28 (2), 171–181.

Ko, C.C., Chen, Y.J., Chen, C.T., Liu, Y.C., Cheng, F.C., Hsu, K.C., Chow, L.P., (2014). Chemical proteomics identifies hnRNP A1 as the molecular target of Quercetin in its anti-cancer effects in PC-3 cells. *Journal of Biological Chemistry* 289, 22078–22089.

Kleinstreuer, N.C., Yang, J., Berg, E.L., Knudsen, T.B., Richard, A.M., Martin, M.T., Reif, D.M., Judson, R.S., Polokoff, M., Dix, D.J., Kavlock, R.J., (2014). Phenotypic screening of the ToxCast chemical library to classify toxic and therapeutic mechanisms. *Nature Biotechnology* 32 (6), 583–591.

Le Lamer, S., Paradis, S., Rahmouni, H., Chaimbault, C., Michaud, M., Culcasi, M., Afxantidis, J., Latreille, M., Berna, P., Berdeaux, A., Pietri, S., (2014). Translation of TRO40303 from myocardial infarction models to demonstration of safety and tolerance in a randomized Phase I trial. *Journal of Translational Medicine* 12, 38.

McDowell, M., (2014). Strategically engaging clients to meet their unique outsourcing and insourcing needs. *Pharmaceutical Technology Europe* 26 (11), 47.

Schlienger, J.L., Paillard, F., Lecerf, J.M., Romon, M., Bonhomme, C., Schmitt, B., Donazzolo, Y., Defoort, C., Mallmann, C., Le Ruyet, P., Bresson, J.L., (2014). Effect on blood lipids of two daily servings of Camembert cheese. An intervention trial in mildly hypercholesterolemic subjects. *International Journal of Food Sciences and Nutrition* 65 (8), 1013–1018.

Ulens, C., Spurny, R., Thompson, A.J., Alqazzaz, M., Debaveye, S., Han, L., Price, K., Villalgorido, J.M., Tresadern, G., Lynch, J.W., Lummis, S.C., (2014). The Prokaryote ligand-gated ion channel ELIC captured in a pore blocker-bound conformation by the Alzheimer's disease drug memantine. *Structure* 22 (10), 1373–1374.

Wang, D., Wynne, C., Gu, F., Becker, C., Zhao, J., Mueller, H.M., Li, H., Shameem, M., Liu, Y.H., (2014). Characterization of drug-product-related impurities and variants of a therapeutic monoclonal antibody by higher energy C trap dissociation mass spectrometry. *Analytical Chemistry* 87 (2), 914–921.

- Azpiroz, F., Guyonnet, D., Donazzolo, Y., Gendre, D., Tanguy, J., Guarner, F., (2015).** Digestive Symptoms in Healthy People and Subjects with Irritable Bowel Syndrome: Validation of Symptom Frequency Questionnaire. *Journal of Clinical Gastroenterology* 49 (7).
- Berg, E.L., Polokoff, M. A., O'Mahony, A., Nguyen, D., Li, X., (2015).** Elucidating mechanisms of toxicity using phenotypic data from primary human cell systems—a chemical biology approach for thrombosis-related side effects. *International Journal of Molecular Sciences* 16 (1), 1008–1029.
- Bruderer, S., Hurst, N., de Kanter, R., Miraval, T., Pfeifer, T., Donazzolo, Y., Dingemans, J., (2015).** First-in-humans study of the safety, tolerability, and pharmacokinetics of ACT-451840, a new chemical entity with antimalarial activity. *Antimicrobial Agents and Chemotherapy* 59 (2), 935–942.
- Brun, E., Safer, A., Carreaux, F., Bourahla, K., l'Helgoua'Ch, J.M., Bazureau, J.P., Villalgordo, J.M., (2015).** Microwave-assisted condensation reactions of acetophenone derivatives and activated methylene compounds with aldehydes catalyzed by boric acid under solvent-free conditions. *Molecules* 20 (6), 11617–11631.
- Burford, N.T., Livingston, K.E., Canals, M., Ryan, M.R., Budenholzer, L.M., Han, Y., Shang, Y., Herbst, J.J., O'Connell, J., Banks, M., Zhang, L., (2015).** Discovery, Synthesis and Molecular Pharmacology of Selective Positive Allosteric Modulators of the δ -Opioid Receptor. *Journal of Medicinal Chemistry* 58 (10), 4220–4229.
- Hammitzsch, A., Tallant, C., Fedorov, O., O'Mahony, A., Brennan, P.E., Hay, D.A., Martinez, F.O., Al-Mossawi, M.H., de Wit, J., Vecellio, M., Wells, C., Wordsworth, P., Müller, S., Knapp, S., Bowness, P., (2015).** CBP30, a selective CBP/p300 bromodomain inhibitor, suppresses human Th17 responses. *PNAS* 112 (34), 10768–10773.
- Ling, L.L., Schneider, T., Peoples, A.J., Spoering, A.L., Engels, I., Conlon, B.P., Mueller, A., Schäberle, T.F., Hughes, D.E., Epstein, S., Jones, M., (2015).** A new antibiotic kills pathogens without detectable resistance. *Nature* 517 (7535), 455–459.
- Mangione, P.P., Deroo, S., Ellmerich, S., Bellotti, V., Kolstoe, S., Wood, S.P., Robinson, C.V., Smith, M.D., Tennent, G.A., Broadbridge, R.J., Council, C.E., (2015).** Bifunctional crosslinking ligands for transthyretin. *Open biology* 5 (9), 150105.
- Marguerit, M., Little, G., Wang, Y., He, L., Allwein, S., Reif, J., Rossi, J., Roemmele, R., Bakale, R., (2015).** Total Radiosynthesis of [¹⁴C]Homoharringtonine. *European Journal of Organic Chemistry* 36, 8003–8010.
- Mogilyanskiy, L., Beyer, H., Wang, W., (2015).** Mastering Cell Bank Production. *BioPharm International*. 28 (8), 20–24.
- Steven, G.G., Michael, A., Zhigang, Lu., Ankita, N., Jin, Xu., (2015).** Mediation of buprenorphine analgesia by a combination of traditional and truncated mu opioid receptor splice variants. *Synapse* 70 (10), 395–407.
- Zhao, Y., Wang, S., Marcoe, K., Kushleika, J., (2015).** Using human embryonic stem cell derived cardiomyocytes assays to predict cardiotoxicity. *Journal of Pharmacological and Toxicological Methods* 75, 201–202.
- Alessi, M.C., Gaudin, C., Grosjean, P., Martin, V., Timsit, S., Mahagne, M.H., Larrue, V., Sibon, I., Zuber, M., Brouns, R., Montaner, J., (2016).** Changes in Activated Thrombin-Activatable Fibrinolysis Inhibitor Levels Following Thrombolytic Therapy in Ischemic Stroke Patients Correlate with Clinical Outcome. *Cerebrovascular Diseases* 42 (5–6), 404–414.
- Allgeier, M.C., Piper, J.L., Hinds, J., Yates, M.H., Kolodsick, K.J., Meury, R., Shaw, B., Kulkarni, M.R., Remick, D.M., (2016).** Isolation and Physical Property Optimization of an Amorphous Drug Substance

Utilizing a High Surface Area Magnesium Aluminometasilicate (Neusilin® US2). *Journal of Pharmaceutical Sciences* 105 (10), 3105–3114.

Boulenc, X., Nicolas, O., Hermabessière, S., Zobouyan, I., Martin, V., Donazzolo, Y., Ollier, C., (2016). CYP3A4-based drug-drug interaction: CYP3A4 substrates' pharmacokinetic properties and ketoconazole dose regimen effect. *European Journal of Drug Metabolism and Pharmacokinetics* 41 (1), 45–54.

Cao, X., Zhou, D., Loussaert, J.A., Meriège, D.S., Levine, J.D., Gabrielson, J.P., Wen, Z.Q., (2016). Rapid Identification and Characterization of Formulated Protein Products by Raman Spectroscopy Coupled with Discriminant Analysis. *PDA Journal of Pharmaceutical Science and Technology* 70, 62–75.

Carney, R.F., Dremina, E., Snyder, J.L., Lakos, Z., (2016). The role of liquid chromatography–mass spectrometry in the characterization of therapeutic monoclonal antibodies. *Spectroscopy* 14 (2), 42–52.

Chen, Z., Zhang, L., Tang, A., Callahan, C., Pristatsky, P., Swoyer, R., Cejas, P., Nahas, D., Galli, J., Cosmi, S., DiStefano, D., (2016). Discovery and Characterization of Phage Display-Derived Human Monoclonal Antibodies against RSV F Glycoprotein. *PLOS One* 11 (6), e0156798.

Ehinger, J.K., Piel, S., Ford, R., Karlsson, M., Sjövall, F., Frostner, E.Å., Morota, S., Taylor, R.W., Turnbull, D.M., Cornell, C., Moss, S.J., (2016). Cell-permeable succinate prodrugs bypass mitochondrial complex I deficiency. *Nature communications* 7 (1), 01–08.

Gerstenberger, B.S., Trzuppek, J.D., Tallant, C., Fedorov, O., Filippakopoulos, P., Brennan, P.E., Fedele, V., Martin, S., Picaud, S., Rogers, C., Parikh, M., Rogers, C., Parikh, M., Taylor, A., Samas, B., O'Mahony, A., Berg, E.L., Pallares, G., Torrey, A.D., Treiber, D.K., Samardjiev, I.J., Nasipak, B.T., Padilla-Benavides, T., Wu, Q., Imbalzano, A.N., Nickerson, J.A., Bunnage, M.E., Müller, S., Knapp, S., Owen, D.R., (2016). Identification of a chemical probe for family VIII bromodomains through optimization of a fragment hit. *Journal of medicinal chemistry* 59 (10), 4800–4811.

Green, C.L., Stewart, J.J., Högerkorp, C.M., Lackey, A., Jones, N., Liang, M., Xu, Y., Ferbas, J., Moulard, M., Czechowska, K., Mc Closkey, T.W., (2016). Recommendations for the development and validation of flow cytometry-based receptor occupancy assays. *Cytometry Part B: Clinical Cytometry* 90 (2), 141–149.

Henrion, S., Carboni, B., Cossio, F.P., Roisnel, T., Villalgordo, J.M., Carreaux, F., (2016). Stereospecific Synthesis of α -Amino Allylsilane Derivatives through a [3,3]-Ally Cyanate Rearrangement. Mild Formation of Functionalized Disiloxanes. *The Journal of Organic Chemistry* 81 (11), 4633–4644.

Kauffman, J., Lakos, Z., Dremina, E., Snyder, J.L., (2016). Glycosylation: A Critical Quality Attribute for Biopharmaceutical Products. *American Pharmaceutical Review*.

Khalil, A.M., Dotimas, H., Kahn, J., Lamerdin, J.E., Hayes, D.B., Gupta, P., Franti, M., (2016). Differential Binding Activity of TGF- β Family Proteins to Select TGF- β Receptors. *Journal of Pharmacology and Experimental Therapeutics* 358 (3), 423–430.

Lamerdin, J., Daino-Laizure, H., Charter, N.W., Saharia, A., (2016). Accelerating Biologic and Biosimilar Drug Development: Ready-to-Use, Cell-Based Assays for Potency and Lot-Release Testing. *BioProcess International* 14 (1).

Persiani, S., Sala, F., Manzotti, C., Colovic, M., Zangarini, M., Donazzolo, Y., Barbetta, B., Vitalini, C., Giacobelli, G., Benvenuti, C., Rovati, L.C., (2016). Evaluation of levothyroxine bioavailability after oral administration of a fixed combination of Soy Isoflavones in post-menopausal female volunteers. *Drug Research* 66 (3), 136–140.

Rao, S., Prestidge, C.A., Miesel, L., Sweeney, D., Shinabarger, D.L., Boulos, R.A., (2016). Preclinical development of Ramizol, an antibiotic belonging to a new class, for the treatment of *Clostridium difficile* colitis. *The Journal of Antibiotics* 69 (12), 879–884.

- Renganathan, M., Wei, H., Zhao, Y., (2016).** Cardiac Action Potential Measurement in Human Embryonic Stem Cell Cardiomyocytes for Cardiac Safety Studies Using Manual Patch-Clamp Electrophysiology. *Stem Cell-Derived Models in Toxicology*, 37–56.
- Risley, D.S., Chaddha, R., Mitchell, D., (2016).** The Retention, Direct Detection and Quantitation of Palladium (II) Using High Performance Liquid Chromatography and Evaporative Light Scattering Detection. *Journal of Liquid Chromatography & Related Technologies* (12), 4141–4151.
- Stewart, J.J., Green, C.L., Jones, N., Liang, M., Xu, Y., Wilkins, D.E., Moulard, M., Czechowska, K., Lanham, D., McCloskey, T.W., Ferbas, J., (2016).** Role of receptor occupancy assays by flow cytometry in drug development. *Cytometry Part B: Clinical Cytometry* 90 (2), 110–116.
- Thakral, N.K., Behme, R.J., Aburub, A., Peterson, J.A., Woods, T.A., Diseroad, B.A., Suryanarayanan, R., Stephenson, G.A., (2016).** Salt disproportionation in the solid state role of solubility and counterion volatility. *Molecular Pharmaceutics* 13 (12), 4141–4151.
- Xiaolin, C., James, A.L., Zai-qing, W., (2016).** Microspectroscopic investigation of the membrane clogging during the sterile filtration of the growth media for mammalian cell culture. *Journal of Pharmaceutical and Biomedical Analysis* 119, 10–15.
- Adams, P., Clark, J., Hawdon, S., Hill, J., Plater, A., (2017).** An HTRF® Assay for the Protein Kinase ATM. *Methods in Molecular Biology* 1599, 43–56.
- Ahn, S., Kahsai, A.W., Pani, B., Wang, Q.T., Zhao, S., Wall, A.L., Strachan, R.T., Staus, D.P., Wingler, L.M., Sun, L.D., Sinnaeve, J., (2017).** Allosteric "beta-blocker" isolated from a DNA-encoded small molecule library. *Proceedings of the National Academy of Sciences* 114 (7), 1708–1713.
- Basu, S., Barawkar, D.A., Ramdas, V., Waman, Y., Patel, M., Panmand, A., Kumar, S., Thorat, S., Bonagiri, R., Jadhav, D., Mukhopadhyay, P., (2017).** A2B adenosine receptor antagonists: Design, synthesis and biological evaluation of novel xanthine derivatives. *European Journal of Medicinal Chemistry* 127, 986–996.
- Basu, S., Barawkar, D.A., Ramdas, V., Patel, M., Waman, Y., Panmand, A., Kumar, S., Thorat, S., Naykodi, M., Goswami, A., Reddy, B.S., (2017).** Design and synthesis of novel xanthine derivatives as potent and selective A2B adenosine receptor antagonists for the treatment of chronic inflammatory airway diseases. *European Journal of Medicinal Chemistry* 134, 218–229.
- Basu, S., Barawkar, D.A., Thorat, S., Sheju, Y.D., Patel, M., Naykodi, M., Jain, V., Salve, Y., Prasad, V., Chaudhary, S., Ghosh, I., (2017).** Design, Synthesis of Novel, Potent, Selective, Orally Bioavailable Adenosine A2A Receptor Antagonists and Their Biological Evaluation. *Journal of Medicinal Chemistry* 60 (2), 681–694.
- Basu, S., Prathipati, P., Thorat, S., Ansari, S., Patel, M., Jain, V., Jinugu, R.R., Niranjana, S., De S., Reddy, S., (2017).** Rational design, synthesis, and structure–activity relationships of 5-amino-1H-pyrazole-4-carboxylic acid derivatives as protein tyrosine phosphatase 1B inhibitors. *Bioorganic & Medicinal Chemistry* 25 (1), 67–74.
- Berg, E.L., Hsu, Y.-C., Lee, J.A., (2017).** Phenotypic chemical biology for predicting safety and efficacy. *Drug Discovery Today: Technologies* 23, 53–60.
- Cahill, T.J., Thomsen, A.R., Tarrasch, J.T., Plouffe, B., Nguyen, A.H., Yang, F., Huang, L.Y., Kahsai, A.W., Bassoni, D.L., Gavino, B.J., Lamerdin, J.E., (2017).** Distinct conformations of GPCR-β-arrestin complexes mediate desensitization, signaling, and endocytosis. *Proceedings of the National Academy of Sciences* 114 (10), 2562–2567.
- Deshpande, A.M., Bhuniya, D., De, S., Dave, B., Vyavahare, V.P., Kurhade, S.H., Kandalkar, S.R., Naik, K.P., Kopal, B.S., Kaduskar, R.D., Basu, S., Jain, V., Patil, P., Joshi, S.C., Bhat, G., Raje, A.A., Reddy, S., Gundu, J., Madgula, V., Tambe, S., Shitole, P., Umrani, D., Chugh, A., Palle, V.P., Mookhtiar, K.A.**

(2017). Discovery of liver-directed glucokinase activator having anti-hyperglycemic effect without hypoglycemia. *European Journal of Medicinal Chemistry* 16 (133), 268-286.

Kandalkar, S.R., Ramaiah, P.A., Joshi, M., Wavhal, A., Waman, Y., Raje, A.A., Tambe, A., Ansari, S., De S., Palle, V.P., Mookhtiar, K.A., (2017). Modifications of flexible nonyl chain and nucleobase head group of (+)-erythro-9-(2'-s-hydroxy-3'-s-nonyl)adenine [(+)-EHNA] as adenosine deaminase inhibitors. *Bioorganic & Medicinal Chemistry* 25 (20), 5799–5819.

Kaniskan, H.U., Eram, M.S., Zhao, K., Szewczyk, M.M., Yang, X., Schmidt, K., Luo, X., Xiao, S., Dai, M., He, F., Zang, I., (2017). Discovery of Potent and Selective Allosteric Inhibitors of Protein Arginine Methyltransferase 3 (PRMT3). *Journal of Medicinal Chemistry* 61 (3), 1204–1217.

Koci, B., Luerman, G., Duenbostell, A., Kettenhofen, R., Bohlen, H., Coyle, L., Knight, B., Ku, W., Volberg, W., Woska Jr, J.R., Brown, M.P., (2017). An impedance-based approach using human iPSC-derived cardiomyocytes significantly improves in vitro prediction of in vivo cardiotox liabilities. *Toxicology and Applied Pharmacology*.

Koul, S., Ramdas, V., Barawkar, D.A., Waman, Y.B., Prasad, N., Madadi, S.K., Shejul, Y.D., Bonagiri, R., Basu, S., Menon, S., Reddy, S.B., (2017). Design and synthesis of novel, potent and selective hypoxanthine analogs as adenosine A1 receptor antagonists and their biological evaluation. *Bioorganic & Medicinal Chemistry* 25 (6), 1963–1975.

Kreiling, R., Gehrke, H., Broschard, T.H., Dreesen, B., Eigler, D., Hart, D., Höpflinger, V., Kleber, M., Kupny, J., Li, Q., Ungeheuer, P., (2017). In chemico, in vitro and in vivo comparison of the skin sensitizing potential of eight unsaturated and one saturated lipid compounds. *Regulatory Toxicology and Pharmacology* 90, 262–276.

Lazarides, L., Chiva, J.Y.C., Jones, M., Steadman, V.A., (2017). The discovery of teixobactin. *Antibiotic Drug Discovery: New Targets and Molecular Entities* 58, 127.

Lee, J.A., Carragher, N.O., Berg, E.L., (2017). Empirical drug discovery: a view from the proteome. *Drug Discovery Today: Technologies* 23, 1–5.

Mukkavilli, R., Jadhav, G., Vangala, S., (2017). Evaluation of Drug Transport in MDCKII-Wild Type, MDCKII-MDR1, MDCKII-BCRP and Caco-2 Cell Lines. *Current Pharmaceutical Biotechnology* 18 (14), 1151–1158.

Nocquet, P.A., Henrion, S., Macé, A., Carboni, B., Villalgorido, J.M., Carreaux, F., (2017). The Allyl Cyanate/Isocyanate Rearrangement: An Efficient Tool for the Stereocontrolled Formation of Allylic C-N Bonds. *European Journal of Organic Chemistry* 2017 (10), 1295–1307.

Pan, S.L., Guh, J.H., Peng, C.Y., Wang, S.W., Chang, Y.L., Cheng, F.C., Chang, J.H., Kuo, S.C., Lee, F.Y., Teng, C.M., (2017). YC-1 [3-(5'-hydroxymethyl-2'-furyl)-1-benzyl indazole] inhibits endothelial cell functions induced by angiogenic factors in vitro and angiogenesis in vivo models. *Journal of Pharmacology and Experimental Therapeutics* 362 (2), 35–42.

Piredda, M., (2017). European Pharmacopoeia – New heavy metals testing requirements. *NCF - Notiziario Chimico Farmaceutico* (4), 90.

Rao K., Suryanarayana., (2017). Basics of Stem Cells and Preclinical Testing. *Biology, Engineering, Medicine and Science Reports* 3 (1), 17–20.

Satam, V.S., Pedada, S.R., Kamaraj, P., Antao, N., Singh, A., Hindupur, R.M., Pati, H.N., Thompson, A.M., Launay, D., Martin, D. (2017). Development of a Scalable Process for the Synthesis of DNDI-VL-2098: A Potential Preclinical Drug Candidate for the Treatment of Visceral Leishmaniasis. *Organic Process Research & Development* 21, 52–59.

Settiagounder, N. (2017). Histopathology Evaluation and Peer Review for Nonclinical Studies: Raw Data Compliance to GLP Quality Systems. *Journal of Regulatory Science* 5 (2), 45–55.

Settiagounder, N. (2017). Histopathology Peer Review for Nonclinical Studies -- GLP Processes and Conditions. *Journal of Regulatory Science* 5 (2), 56–66.

Shah, F., Stepan, A.F., O'Mahony, A., Velichko, S., Folias, A.E., Houle, C., Shaffer, C.L., Marcek, J., Whritenour, J., Stanton, R., Berg, E.L., (2017). Mechanisms of skin toxicity associated with metabotropic glutamate receptor 5 negative allosteric modulators. *Cell Chemical Biology* 24 (7), 858–869.

Steadman, V.A., Pettit, S.B., Poullennec, K.G., Lazarides, L., Keats, A.J., Dean, D.K., Stanway, S.J., Austin, C.A., Sanvoisin, J.A., Watt, G.M., Fliri, H.G., (2017). Discovery of potent cyclophilin inhibitors based on the structural simplification of sanglifehrin A. *Journal of Medicinal Chemistry* (3), 1000-1017.

Thakkar, M., Bhuniya, D., Kaduskar, R., Mengawade, T., Naik, K., Salunkhe, V., Bhalerao, A., Kurhade, S., Mavinahalli, J., Jain, V., Petla, R., Avaragolla, S., Ray, S., Rouduri, S., Dhanave, A., De, S., Pathade, V., Tambe, A., Raje, A.A., Madgula, V., Joshi, S., Nadeem, A., Bala, M., Umrani, D., Hariharan, N., Kulkarni, B., Mookhtiar, K.A. (2017). Discovery and evaluation of 1H-pyrrolo[2,3-b]pyridine based selective and reversible small molecule BTK inhibitors for the treatment of rheumatoid arthritis. *Bioorganic & Medicinal Chemistry Letters* 27 (8), 1867-1873.

Xu, J., Lu, Z., Narayan, A., Le Rouzic, V.P., Xu, M., Hunkele, A., Brown, T.G., Hofer, W.F., Rossi, G.C., Rice, R.C., Martínez-Rivera, A., (2017). Alternatively, spliced mu opioid receptor C termini impact the diverse actions of morphine. *The Journal of Clinical Investigation* 127 (4), 1561–1573.

Betts, B.C., Bastian, D., Iamsawat, S., Nguyen, H., Heinrichs, J.L., Wu, Y., Daenthansanmak, A., Veerapathran, A., O'Mahony, A., Walton, K., Reff, J., Horna, P., Sagatys, E.M., Lee, M.C., Singer, J., Chang, Y.-J., Liu, C., Pidala, J., Anasetti, C., Yu, X.-Z., (2018). Targeting JAK2 reduces GVHD and xenograft rejection through regulation of T cell differentiation. *PNAS* 115 (7), 1582–1587.

Bhuniya, D., Bhosale, S., Reddy, S.B., Reddy, S.N., (2018). Isoxazole-tethered diarylheptanoid analogs: Discovery of a new drug-like PAR2 antagonist. *Bioorganic & Medicinal Chemistry Letters* 28 (13), 2285–2288.

Chhonker, Y.S., Chandasana, H., Bala, V., Mukkavilli, R., Kumar, D., Vangala, S., Bhatta, R.S., (2018). In-vitro metabolism, CYP profiling and metabolite identification of E- and Z- guggulsterone, a potent hypolipidemic agent. *Journal of Pharmaceutical and Biomedical Analysis* 160, 202–211.

De Jong, W.H., Hoffmann, S., Lee, M., Kandárová, H., Pellevoisin, C., Haishima, Y., Rollins, B., Zdawczyk, A., Willoughby, J., Bachelor, M., Schatz, T., (2018). Round robin study to evaluate the reconstructed human epidermis (RhE) model as an in vitro skin irritation test for detection of irritant activity in medical device extracts. *Toxicology in Vitro* 50, 439–449.

Floroiu, A., Klein, M., Krämer, J., Lehr, C.-M., (2018). Towards Standardized Dissolution Techniques for In Vitro Performance Testing of Dry Powder Inhalers. *Dissolution Technologies* 25 (3), 6-18.

Fotaki, N., Krämer, J., Lu, X., Diaz, D., Langer, C., (2018). Dissolution Highlights from the 2017 AAPS Annual Meeting in San Diego. *Dissolution Technologies* 75 (3), 78-83.

Gray, V., Cady, S., Curran, D., DeMuth, J., Eradiri, O., Hussain, M., Krämer, J., Shabushnig, J., Stippler, E., (2018). In Vitro Release Test Methods for Drug Formulations for Parenteral Applications. *Dissolution Technologies* 25 (4), 8-13.

Jolas, T., Ko, A., Migeon, J., Liu, E., (2018). Diverse Approaches to Understand Functional Pharmacology Examples of the 5HT1B and 5HT2A Receptors. *Journal of Pharmacological and Toxicological Methods* 93, 155.

Jolas, T., Migeon, J., Wei, H.D., Ko, A., (2018). Binding and Functional Analysis Complementary Approaches in Safety Pharmacology. *Journal of Pharmacological and Toxicological Methods* 93, 150.

- Katterle, B., (2018).** How stable are new biologics? *Pharmind* 80, 1557–1563.
- Migeon, J., Ko, A., Lin, H.H., Liu, E., Feng, J.J., (2018).** Modifying Standard Assay for Assessing Allosteric Activity. *Journal of Pharmacological and Toxicological Methods* 93, 171.
- Morfa, C.J., Bassoni, D., Szabo, A., McAnally, D., Sharir, H., Hood, B.L., Vasile, S., Wehrman, T., Lamerdin, J., Smith, L.H., (2018).** A Pharmacochaperone-Based High-Throughput Screening Assay for the Discovery of Chemical Probes of Orphan Receptors. *Assay and Drug Development Technologies* 16 (7), 384–396.
- Mukkavilli, R., Jadhav, G., Sengottuvelan, S., Vangala, S., (2018).** Assessing Drug Interaction Potential of Herbal Medicine Liv.52, Smokeless Tobacco Snuff and Edible Camphor using Human Liver Microsomes. *EC Pharmacology and Toxicology* 6 (4), 277–290.
- Nii, T., Ishizawa, J., Prabhu, V.V., Ruvolo, V., Madhukar, N., Zhao, R., Mu, H., Heese, L., Kojima, K., Garnett, M., McDermott, U., (2018).** The novel imipridone ONC212 highly synergizes with the BCL-2 inhibitor ABT-199 in AML and activates orphan receptor GPR132. *AACR Publications* 78 (13), 4957–4957.
- O’Mahony, A., John, M.R., Cho, H., Hashizume, M., Choy, E.H., (2018).** Discriminating phenotypic signatures identified for tocilizumab, adalimumab, and tofacitinib monotherapy and their combinations with methotrexate. *Journal of Translational Medicine* 16 (1), 1–9.
- Prabhu, V.V., Madhukar, N., Anantharaman, L., Sulli, C., Davidson, E., Deacon, S., Tarapore, R., Rucker, J., Charter, N., Doranz, B., Oster, W., (2018).** The first selective, non-competitive drd2/3 antagonist for clinical neuro-oncology. *Neuro-oncology* 20 (6), 71.
- Settiagounder, N., (2018).** Histopathology Peer Review Process the Compliance Conundrum. *Quasar*.
- Stiller, S., Paulsen, T.R., Weber, K., Donath, C., Schreib, G., Jensen, K.H., (2018).** A 90-day toxicity and genotoxicity studies with high-purity phenylcapsaicin. *Toxicology Letters*.
- Talarico, T.L., Murphy, M., Nims, R., Hastings, D., Boose, J.A., Dumers, D. (2018).** Investigation of an adventitious agent test false positive signal in a plant-derived influenza vaccine. *BioProcessing Journal* 17.
- Vangala, V.B., Pati, H., (2018).** Efficient Synthesis of β -Lactam-Containing α -Aminophosphonates Using Fumaric Acid as Mild Catalyst. *Chemical Methodologies* 2 (4), 333–340.
- Zieschang, L., Klein, M., Krämer, J., Windbergs, M., (2018).** In Vitro Performance Testing of Medicated Chewing Gums. *Dissolution Technologies* 25 (3), 64-69.
- Abend, A., Curran, D., Kuiper, J., Lu, X., Li, H., Hermans, A., Kotwal, P., Diaz, D. A., Cohen, M. J., Zhang, L., Stippler, E., Drazer, G., Lin, Y., Raines, K., Yu, L., Coutant, C. A., Grady, H., Krämer, J., Pope-Miksinski, S., Suarez-Sharp, S., (2019).** Dissolution Testing in Drug Product Development: Workshop Summary Report. *The AAPS Journal* 21 (2).
- Babu, L.T., Jadhav, G.R., Paira, P., (2019).** Luminescent bis(benzo[d]thiazolyl)quinoxaline: facile synthesis, nucleic acid and protein BSA interaction, live-cell imaging, biopharmaceutical research and cancer theranostic application†. *RSC Advances* (16), 8748–8752.
- Baker, E.J., Beck, N.A., Berg, E.L., Clayton-Jeter, H.D., Chandrasekera, P.C., Curley, J.L., Donzanti, B.A., Ewart, L.C., Gunther, J.M., Kenna, J.G., LeCluyse, E.L., (2019).** Advancing nonclinical innovation and safety in pharmaceutical testing. *Drug Discovery Today* 24 (2), 624–628.
- Berg, E.L., (2019).** Human Cell-Based in vitro Phenotypic Profiling for Drug Safety-Related Attrition. *Frontiers in Big Data* 2, p. 47.

- Bhuniya, D., Kharul, R.K., Hajare, A., Shaikh, N., Bhosale, S., Balwe, S., Begum, F., De S., Athavankar, S., Joshi, D., Madgula, V., (2019).** Discovery and evaluation of novel FAAH inhibitors in neuropathic pain model. *Bioorganic & Medicinal Chemistry Letters* 29 (2), 238–243.
- Grimes, J., Desai, S., Charter, N.W., Lodge, J., Moita Santos, R., Isidro-Llobet, A., Mason, A.M., Wu, Z., Wolfe III, L.A., Anantharaman, L., Green, A., (2019).** MrgX2 is a promiscuous receptor for basic peptides causing mast cell pseudo-allergic and anaphylactoid reactions. *Pharmacology Research perspectives* 7 (6).
- Haselmayer, P., Camps, M., Liu-Bujalski, L., Nguyen, N., Morandi, F., Head, J., O’Mahony, A., Zimmerli, S.C., Bruns, L., Bender, A.T., Schroeder, P., (2019).** Efficacy and Pharmacodynamic Modeling of the BTK Inhibitor Evobrutinib in Autoimmune Disease Models. *The Journal of Immunology* 202 (10), 2888–2906.
- Niranjan, S.B., Belwalkar, S.V., Tambe, S., Venkataraman, K., Mookhtiar, K.A., (2019).** Recombinant irisin induces weight loss in high fat DIO mice through increase in energy consumption and thermogenesis. *Biochemical and Biophysical Research Communications* 519 (2), 422-429.
- Jadhav, G.R., Paira, P., (2019).** Cytotoxic 2-(2'-Hydroxyphenyl) benzothiazolylquinoline Analogues and their *In Vitro* Screening through Developmental Assays. *ChemistrySelect* 4 (12), 3524–3530.
- Johansson, H., Gradin, R., Johansson, A., Adriaens, E., Edwards, A., Zuckerstätter, V., Jerre, A., Burleson, F., Gehrke, H., Roggen, E.L., (2019).** Validation of the GARD™skin Assay for Assessment of Chemical Skin Sensitizers: Ring Trial Results of Predictive Performance and Reproducibility. *Toxicological Sciences* 170, 374–381.
- Patel, B. D.; Pulakundam, N.; Alamanda, R.; Gadekar, A. R.; Raje, A.; Ameta, R., (2019).** A simple and sensitive LC-MS/MS method for quantification of Bepridil in rat plasma and its application to pharmacokinetic studies. *Journal of Pharmaceutical and Biomedical Analysis* 172, 113-119.
- Patel, B. D.; Pulakundam, N.; Gadekar, A. R.; Raje, A.; Ramanathan, V.; Ameta, R., (2019).** Development and validation of a chiral LC-ESI-MS/MS method for simultaneous determination of the enantiomeric metabolites isosorbide 2-mononitrate and isosorbide 5-mononitrate of isosorbide dinitrate in rat and human plasma. *Journal of Pharmaceutical and Biomedical Analysis* 174, 396-405.
- Patel, B. D.; Uppal, R.; Pulakundam, N.; Patel, J. P.; Ramanathan, V.; Ameta, R.; Launay, D.; Brailard, S., (2019).** Development and validation of LC–MS/MS method for determination of DNDI-VL-2098 in mouse, rat, dog and hamster blood. *Bioanalysis* 11 (15), 1419-1435.
- Prabhu, V.V., Madhukar, N.S., Gilvary, C., Kline, C.L.B., Oster, S., El-Deiry, W.S., Elemento, O., Doherty, F., VanEngelenburg, A., Durrant, J., Tarapore, R.S., (2019).** Dopamine receptor D5 is a modulator of tumor response to dopamine receptor D2 antagonism. *Clinical Cancer Research* 25 (7), 2305–2313.
- Rushing, W., (2019).** Best Practices for Vacuum Conveying of Pharmaceutical Powders. *Pharmaceutical Technology*; Supplement: Outsourcing Resources (August 2019), 20-23.
- Sengottuvelan, S.; Uppal, R.; Vuppu, S., (2019).** Validation of a sensitive simultaneous LC-MS/MS method for the quantification of novel anti-cancer thiazolidinedione and quinazolin-4-one derivatives in rat plasma and its application in a rat pharmacokinetic study. *Journal of Chromatography B* 1121, 18-27.
- Shaikh, N.S., Iyer, J.P., Munot, Y.S., Mukhopadhyay, P.P., Raje, A.A., Nagaraj, R., Jamdar, V., Gavhane, R., Lohote, M., Sherkar, P., Bala, M., (2019).** Discovery and pharmacological evaluation of indole derivatives as potent and selective ROR γ t inverse agonist for multiple autoimmune conditions. *Bioorganic & Medicinal Chemistry Letters* 29 (16), 2208–2217.
- Shaikh, N.S., Iyer, J.P., Munot, Y.S., Mukhopadhyay, P.P., Raje, A.A., Nagaraj, R., Jamdar, V., Gavhane, R., Lohote, M., Sherkar, P., Bala, M., (2019).** Sustainable Amine Synthesis: Iron Catalyzed Reactions of Hydrosilanes with Imines, Amides, Nitroarenes and Nitriles. *ChemistrySelect* 4 (22), 6753–6777.

Singer, J.W., Al-Fayoumi, S., Taylor, J., Velichko, S., O'Mahony, A., (2019). Comparative phenotypic profiling of the JAK2 inhibitors ruxolitinib, fedratinib, momelotinib, and pacritinib reveals distinct mechanistic signatures. *PLOS ONE* 14 (9).

Vangala, V.B., Pati, H.N., (2019). b-Lactam Based α -Amino and α -Hydroxy Phosphonate Ester Molecular Hybrids: Synthesis, Docking Studies and Evaluation of Anti-microbial Activity Against Various Gram-positive and Gram-negative Species. *International Journal of Pharmaceutical Sciences Review and Research* 55 (1), 34–40.

Wetmore, B.A., Clewell, R.A., Cholewa, B., Parks, B., Pendse, S.N., Black, M.B., Mansouri, K., Haider, S., Berg, E.L., Judson, R.S., Houck, K.A., (2019). Assessing bioactivity-exposure profiles of fruit and vegetable extracts in the BioMAP profiling system. *Toxicology in Vitro* 54, 41–57

Berg, E.L., Denker, S.P., O'Mahony, A., (2020). Chapter 2: Development and Validation of Disease Assays for Phenotypic Screening. *Phenotypic Drug Discovery*, 20–36.

de Kort, M., Weber, K., Wimmer, B., Wilutzky, K., Neuenhahn, P., Allingham, P., Leoni, A.L., (2020). Historical control data for hematology parameters obtained from toxicity studies performed on different Wistar rat strains: Acceptable value ranges, Definition of severity degrees, Vehicle effects. *Toxicology Research and Application (TOR)* 4, 2397847320931480.

Jenkinson, S., Goody, S.M., Bassyouni, A., Jones, R., Otto-Bruc, A., Duquennoy, S., DaSilva, J.K., Butler, P., Mead, A., (2020). Translation of in vitro cannabinoid 1 receptor agonist activity to in vivo pharmacodynamic endpoints. *Journal of Pharmacological and Toxicological Methods* 104, 106899.

Kramer, J., Himmel, H.M., Lindqvist, A., Stoelzle-Feix, S., Chaudhary, K.W., Li, D., Bohme, G.A., Bridgland-Taylor, M., Hebeisen, S., Fan, J., Renganathan, M., (2020). Cross-site and cross-platform variability of automated patch clamp assessments of drug effects on human cardiac currents in recombinant cells. *Nature Scientific Reports* 10 (5627), 1–15.

Pottel, J., Armstrong, D., Zou, L., Fekete, A., Huang, X.P., Torosyan, H., Bednarczyk, D., Whitebread, S., Bhatarai, B., Liang, G., Jin, H., Ghaemi, S.N., Slocum, S., Lukacs, K.V., Irwin, J.J., Berg, E.L., Giacomini, K.M., Roth, B.L., Shoichet, B.K., Urban, L., (2020). The activities of drug inactive ingredients on biological targets. *Science* 369 (6502), 403–413.

Prakasha Gowda, A., Schaefer, A., Schuck, T., (2020). A simple RP-HPLC method for the stability-indicating determination of N-acetyl-L-cysteine and N,N'-diacetyl-L-cystine in cell culture media. *Cell & Gene Therapy Insights* 6 (2), 303-323.

Shankar, S., Vuppu, S., (2020). In vitro drug metabolism and pharmacokinetics of a novel thiazolidinedione derivative, a potential anticancer compound. *Journal of Pharmaceutical and Biomedical Analysis* 179, 113000.

VanderMolen, K.M., Naciff, J.M., Kennedy, K., Otto-Bruc, A., Shan, Y., Wang, X., Daston, G.P., Mahony, C., (2020). Incorporation of in vitro techniques for botanicals dietary supplement safety assessment – Towards evaluation of developmental and reproductive toxicity (DART). *Food and Chemical Toxicology* 144, 111539.

2021 –

Berg, E.L., (2021). The future of phenotypic drug discovery. *Cell Chemical Biology* 28 (3), 424–430.

Boutin, J.A., Jullian, M., Frankiewicz, L., Galibert, M., Gloanec, P., Le Diguarher, T., Dupuis, P., Ko, A., Ripoll, L., Bertrand, M., Pecquery, A., (2021). MCH-R1 Antagonist GPS18169, a Pseudopeptide, Is a Peripheral Anti-Obesity Agent in Mice. *Molecules* 26 (5), 1291.

Ecale, F., El Houari, A., Crapart, S., Laparre, J., Ramnath, M., Berjeaud, J-M., Rodier, M-H., Crépin, A., (2021). In vitro sensitivity of 30 anaerobic bacterial strains of the human intestinal core microbiota to antibiotics: Culture and LC-MS/MS approaches. *Anaerobe* 67, 102314.

Nuzzo, A., Saha, S., Berg, E., Jayawickreme, C., Tocker, J., Brown, J.R., (2021). Expanding the drug discovery space with predicted metabolite–target interactions. *Communications Biology* 4 (1), 01–11.

Ranju, V., (2021). Scope of adjuvant therapy using roflumilast, a PDE-4 inhibitor against COVID-19. *ScienceDirect* 66.

Simms, L., Mason, E., Berg, E.L., Yu, F., Rudd, K., Czekala, L., Sticken, E.T., Brinster, O., Wieczorek, R., Stevenson, M., Walele, T., (2021). Use of a rapid human primary cell-based disease screening model, to compare next generation products to combustible cigarettes. *Current Research in Toxicology* 2, 309–321.

Koul, S., Kurhade, S., Bhosale, S., Naik, K., Salunkhe, V., Ravula, S., Punde, P., Velayutham, R., Tiwari, A., Ahl, D., Malkapuram, S., Mudagala, V., Raje, A., Umrani, D., Tambe, S., Patil, P., Singh, U., Bhuniya, D., Hariharan, N., Mookhtiar, K., (2022). Design and synthesis of novel spirocyclic carboxylic acids as potent and orally bioavailable DGAT1 inhibitors and their biological evaluation. *Bioorganic & Medicinal Chemistry Letters* 62, 128632.

O'Brien, M.T., Schuh, J.C.L., Wancket, L.M., Cramer, S.D., Funk, K.A., Jackson, N.D., Kannan, K., Keane, K., Nyska, A., Rousselle, S.D., Schucker, A., Thomas, V., Tunev, S. (2022). Scientific and Regulatory Policy Committee Points to Consider for Medical Device Implant Site Evaluation in Nonclinical Studies. *Toxicologic Pathology* 50 (4), 512-530.

Shyam M, Verma H, Bhattacharje G, Mukherjee P, Singh S, Kamilya S, Jalani P, Das S, Dasgupta A, Mondal A, Das AK, Singh A, Brucoli F, Bagn eris C, Dickman R, Basavanakatti VN, Naresh Babu P, Sankaran V, Dev A, Sinha BN, Bhakta S, Jayaprakash V, (2022). Mycobactin Analogues with Excellent Pharmacokinetic Profile Demonstrate Potent Antitubercular Specific Activity and Exceptional Efflux Pump Inhibition. *Journal of Medicinal Chemistry* 65 (1), 234-256.

Alex, N.S., Khan, H.R., Ramachandra, S.G., Medhamurthy, R., (2023). Pregnancy-associated Steroid Effects on Insulin Sensitivity, Adipogenesis, and Lipogenesis: Role of Wnt/ β -Catenin Pathway. *Journal of the Endocrine Society* 7 (8), 45292.

Chandrakumara, K., Muralimohan, K., Anand, H. S., Gundaju, S., Belavadi, V.V., Ramanappa, T.M., (2023). Seed treatment with neonicotinoid insecticides does not affect the foraging behavior of honey bees. *Apidologie* 54.

Jannuzzi, A.T., Yilmaz Goler, A.M., Shilkar, D., Mondal, S., Basavanakatti, V.N., Yildirim, H., Yildiz, M.,  elik Onar, H., Bayrak, N., Jayaprakash, V., TuYuN, A.F. (2023). Cytotoxic activity of quinolinequinones in cancer: In vitro studies, molecular docking, and ADME/PK profiling. *Journal of Chemical Biology and Drug Design* 102 (5), 1133-1154.

Laghezza, A., Cerchia, C., Genovese, M., Leuci, R., Pranzini, E., Santi, A., Brunetti, L., Piemontese, L., Tortorella, P., Biswas, A., Singh, R. P., Tambe, S., CA, S., Pattnaik, A.K., Jayaprakash, V., Paoli, P., Lavecchia, A., Liodice, F. (2023). A New Antidiabetic Agent Showing Short- and Long-Term Effects Due to Peroxisome Proliferator-Activated Receptor Alpha/Gamma Dual Agonism and Mitochondrial Pyruvate Carrier Inhibition. *Journal of Medicinal Chemistry* 66 (5), 3566–3587.

Platenburg, P.P.L.I., Deschamps, F., Jung, J., Leonard, C., Rusconi, S., Kumar, S.B.M., Sulaiman, S.M., de Waal, L., Hilgers, L.A.T. (2023). Carbohydrate fatty acid monosulphate ester is a potent adjuvant for low-dose seasonal influenza vaccines. *Vaccine* 41, 6980–6990.

Vashistha, A., Khan, H.R. (2023). Role of intraluteal and intrauterine prostaglandin signaling in LH-induced luteolysis in pregnant rats. *Molecular Reproduction & Development*, 90 (4), 260-271.

Yilmaz Goler, A.M., Jannuzzi, A.T., Biswas, A., Mondal, S., Basavanakatti, V.N., Venkatesan, R.J., Yıldırım, H., Yıldız, M., Onar, H.C., Bayrak, N., Jayaprakash, V., Fatih, A., TuYuN. (2023). Analysis of Quinolinequinone Analogs with Promising Cytotoxic Activity against Breast Cancer. *Chemistry & Biodiversity* 20 (9).

Biehn, SE, Goncalves, LM, Lehmann, J, Marty, JD, Mueller, C, Ramirez, SA, Tillier, F, Sage, CR. (2024). BioPrint meets the AI age: development of artificial intelligence-based ADMET models for the drug-discovery platform SAFIRE. *Future Medicinal Chemistry* 16 (7), 583-688.

CLINICAL DIAGNOSTICS

2001 – 2010

Kleiboeker, S.B., Schommer, S.K., Lee, S.M., Watkins, S., Chittick, W., Polson, D., (2005). Simultaneous detection of North American and European porcine reproductive and respiratory syndrome virus using real-time quantitative reverse transcriptase–PCR. *Journal of Veterinary Diagnostic Investigation* 17 (2), 165–170.

Lee, S.M., Kleiboeker, S.B., (2005). Porcine arterivirus activates the NF- κ B pathway through I κ B degradation. *Virology* 342 (1), 47–59.

Pardo, I.D., Johnson, G.C., Kleiboeker, S.B., (2005). Phylogenetic characterization of canine distemper viruses detected in naturally infected dogs in North America. *Journal of Clinical Microbiology* 43 (1), 5009–5017.

Ly, T.D., (2006). HIV Antigen/Antibody combination assay on an automated platform significantly reduces the window period compared to antibody assays: Performance characteristics of ARCHITECT® HIV combo assay. XVI International Conference on AIDS Toronto.

Kleiboeker, S.B., Scoles, G.A., (2007). Pathogenesis of African swine fever virus in *Ornithodoros* ticks. *Animal Health Research Reviews* 2 (2), 121–128.

Lee, S.M., Kleiboeker, S.B., (2007). Porcine reproductive and respiratory syndrome virus induces apoptosis through a mitochondria-mediated pathway. *Virology* 365 (2), 419–434.

Guan, W., Cheng, F., Yoto, Y., Kleiboeker, S., Wong, S., Zhi, N., Pintel, D.J., Qiu, J., (2008). Block to the production of full-length B19 virus transcripts by internal polyadenylation is overcome by replication of the viral genome. *Journal of Virology* 82 (20), 9951–9963.

Altrich, M.L., Halsey, J.F., Altman, L.C., (2009). Comparison of the in vivo autologous skin test with in vitro diagnostic tests for diagnosis of chronic autoimmune urticaria. *Allergy and Asthma Proceedings* 30 (1), 28–34.

Halsey, J.F., Altrich, M., (2009). Allergic reactions to therapeutic drugs. *MLO: Medical Laboratory Observer* 41 (12), 14–26.

Chen, A.Y., Zhang, E.Y., Guan, W., Cheng, F., Kleiboeker, S., Yankee, T.M., Qiu, J., (2010). The small 11 kDa nonstructural protein of human parvovirus B19 plays a key role in inducing apoptosis during B19 virus infection of primary erythroid progenitor cells. *Blood* 115 (5), 1070–1080.

Koon, K., Sanders, C.M., Green, J., Malone, L., White, H., Zayas, D., Miller, R., Lu, S., Han, J., (2010). Co-detection of Pandemic (H1N1) 2009 Virus and Other Respiratory Pathogens. *Emerging Infectious Diseases* 16 (12), 1976.

2011 – 2020

Luo, Y., Lou, S., Deng, X., Liu, Z., Li, Y., Kleiboeker, S., Qiu, J., (2011). Parvovirus B19 infection of human primary erythroid progenitor cells triggers ATR-Chk1 signaling, which promotes B19 virus replication. *Journal of Virology* 85 (16), 8046–8055.

Luong, M.L., Clancy, C.J., Vadnerkar, A., Kwak, E.J., Silveira, F.P., Wissel, M.C., Grantham, K.J., Shields, R.K., Crespo, M., Pilewski, J., Toyoda, Y., (2011). Comparison of an *Aspergillus* real-time polymerase chain reaction assay with galactomannan testing of bronchoalveolar lavage fluid for the diagnosis of invasive pulmonary aspergillosis in lung transplant recipients. *Clinical Infectious Diseases* 52 (10), 1218–1226.

Roshan B, Ganda OP, Desilva R, Ganim RB, Ward E, Haessler SD, Polisecki EY, Asztalos BF, Schaefer EJ, (2011). Homozygous lecithin: cholesterol acyltransferase (LCAT) deficiency due to a new loss of function mutation and review of the literature. *Journal of Clinical Lipidology* 5, 493-499.

Walsh, T.J., Wissel, M.C., Grantham, K.J., Petraitiene, R., Petraitis, V., Kasai, M., Francesconi, A., Cotton, M.P., Hughes, J.E., Greene, L., Bacher, J.D., (2011). Molecular Diagnosis and Species-specific Identification of Medically Important *Aspergillus* species by Real Time PCR in Experimental Invasive Pulmonary Aspergillosis. *Journal of Clinical Microbiology* 49 (12), 4150–4157.

Akao H, Polisecki E, Kajinami K, Trompet S, Robertson M, Ford I, Jukema JW, deCraen AJ, Westendorp RG, Shepherd J, Packard C, Buckley BM, Schaefer EJ, (2012). Genetic variation at the *SLCO1B1* gene locus and low density lipoprotein cholesterol lowering response to pravastatin in the elderly. *Atherosclerosis* 220, 413-417.

Akao H, Polisecki E, Kajinami K, Trompet S, Robertson M, Ford I, Jukema JW, deCraen AJ, Westendorp RG, Shepherd J, Packard C, Buckley BM, Schaefer EJ, (2012). *KIF6*, *LPA*, *TAS2R50*, and *VAMP8* genetic variation, low density lipoprotein cholesterol lowering response to pravastatin, and heart disease risk reduction in the elderly. *Atherosclerosis* 220, 456-462.

Lou, S., Luo, Y., Cheng, F., Huang, Q., Shen, W., Kleiboeker, S., Tisdale, J.F., Liu, Z., Qiu, J., (2012). Human Parvovirus B19 DNA Replication Induces a DNA Damage Response That is Dispensable for Cell Cycle Arrest at G2/M Phase. *Journal of Virology* 86 (19), 10748–10758.

Nguyen, M.H., Wissel, M.C., Shields, R.K., Salomoni, M.A., Hao, B., Press, E.G., Shields, R.M., Cheng, S., Mitsani, D., Vadnerkar, A., Silveira, F.P., (2012). Performance of *Candida* real-time polymerase chain reaction, β -D-glucan assay, and blood cultures in the diagnosis of invasive candidiasis. *Clinical Infectious Diseases* 54 (9), 1240–1248.

Thongtang N, Lin J, Schaefer EJ, Lowe RS, Tomassini JE, Shah AK, Tershakovec AM, (2012). Effects of ezetimibe added to statin therapy on markers of cholesterol absorption and synthesis and LDL-C lowering in hyperlipidemic patients. *Atherosclerosis* 225, 388-396.

Venteo, A., Rebollo, B., Sarraseca, J., Rodriguez, M.J., Sanz, A., (2012). A novel double recognition enzyme-linked immunosorbent assay based on the nucleocapsid protein for early detection of European porcine reproductive and respiratory syndrome virus infection. *Journal of Virological Methods* 181 (1), 109–113.

Brouwers MC, Konrad RJ, van Himbergen TM, Isaacs A, Otokozawa S, Troutt JS, Schaefer EJ, van Greevenbroek MM, Stalenhoef AF, deGraaf J, (2013). Plasma proprotein convertase subtilisin kexin type 9 levels are related to markers of cholesterol synthesis in familial combined hyperlipidemia. *Nutrition, Metabolism, and Cardiovascular Disease* 23 (11), 1115-1121.

Divers, J., Núñez, M., High, K.P., Murea, M., Rocco, M.V., Ma, L., Bowden, D.W., Hicks, P.J., Spainhour, M., Ornelles, D.A., Kleiboeker, S.B., (2013). JC polyoma virus interacts with *APOL1* in African Americans with nondiabetic nephropathy. *Kidney International* 84 (6), 1207–1213.

Fried, A.J., Altrich, M.L., Liu, H., Halsey, J.F., Bonilla, F.A., (2013). Correlation of pneumococcal antibody concentration and avidity with patient clinical and immunologic characteristics. *Journal of Clinical Immunology* 33 (4), 847–856.

Kuppachi, S., Holanda, D., Eberlein, M., Alexiev, B., Tyler, A.J., Wissel, M.C., Kleiboeker, S.B., Thomas, C.P., (2013). An unexpected surge in plasma BKPv viral load heralds the development of BKPv associated metastatic bladder cancer in a lung transplant recipient with BKPv nephropathy. *American Journal of Transplantation* 17 (3), 813–818.

Lee EY, Klementowicz PT, Hegele RA, Asztalos BF, Schaefer EJ, (2013). HDL deficiency due to a new insertion mutation (*ApoA-I*(Nashua)) and review of the literature. *Journal of Clinical Lipidology* 7, 169-173.

Negi SI, Brautbar A, Virani SS, Anand A, Polisecki E, Asztalos BF, Ballantyne CM, Schaefer EJ, Jones PH, (2013). A novel mutation in the ABCA1 gene causing an atypical phenotype of Tanier disease. *Journal of Clinical Lipidology* 7, 82-87.

Schaefer EJ, (2013). Effects of cholesteryl ester transfer protein inhibitors on human lipoprotein metabolism. *Current Opinion in Lipidology* 24, 199-201.

Thongtang N, Diffenderfer MR, Ooi EM, Asztalos BF, Dolnikowski GG, Lamon-Fava S, Schaefer EJ, (2013). Effects of atorvastatin on human C-reactive protein metabolism. *Atherosclerosis* 226, 466-470.

Abdelhedi, F., El Khattabi, L., Cuisset, L., Tsatsaris, V., Viot, G., Druart, L., Lebbar, A., Dupont, J.M., (2014). Neonatal Silver-Russell syndrome with maternal uniparental heterodisomy, trisomy 7 mosaicism, and dysplasia of the cerebellum. *American Journal of Clinical Pathology* 142 (2), 248–253.

Agmon-Levin, N., Damoiseaux, J., Kallenberg, C., Sack, U., Witte, T., Herold, M., Bossuyt, X., Musset, L., Cervera, R., Plaza-Lopez, A., Dias, C., (2014). International recommendations for the assessment of autoantibodies to cellular antigens referred to as anti-nuclear antibodies. *Annals Rheumatic Diseases* 73 (1).

Anthanont P, Polisecki E, Asztalos BF, Diffenderfer MR, Barrett PH, Millar JS, Billheimer J, Cuchel M, Rader DJ, Schaefer EJ, (2014). A novel ApoA-I truncation (ApoA-IMytilene) associated with decreased ApoA-I production. *Atherosclerosis* 235, 470-476.

Asztalos BF, Horan MS, Horvath KW, McDermott AY, Chalasani NP, Schaefer EJ, (2014). Obesity associated molecular forms of C-reactive protein in human. *PLoS One* 9, e109238.

Bachelet, J.T., Buiret, G., Chevallier, M., Bergerot, J.F., Ory, L., Gleizal, A., (2014). Infection à *Conidiobolus coronatus* révélée par une tumeur de la face. *Revue de Stomatologie, de Chirurgie Maxillo-faciale et de Chirurgie Orale* 115 (2), 114–117.

Diffenderfer MR, Schaefer EJ, (2014). The composition and metabolism of large and small LDL. *Current Opinion in Lipidology* 25, 221-226.

Dimick SM, Sallee B, Asztalos BF, Pritchard PH, Rohlich J, Schaefer EJ, (2014). A kindred with fish eye disease, corneal opacities, marked high-density lipoprotein deficiency, and statin therapy. *Journal of Clinical Lipidology* 8, 223-230.

Fulla, Y., Gauchez, A.S., Thuiller, F., Morin, J.F., Charrie, A., Sault, C., Lamy, P.J., Rebillard, X., (2014). Réévaluation des dosages de PSA disponibles en France en 2012. *Médecine Nucléaire* 38 (1), 41579.

Grömminger, S., Yagmur, E., Erkan, S., Nagy, S., Schöck, U., Bonnet, J., Smerdka, P., Ehrich, M., Wegner, R.D., Hofmann, W., Stumm, M., (2014). Fetal Aneuploidy Detection by Cell-Free DNA Sequencing for Multiple Pregnancies and Quality Issues with Vanishing Twins. *Journal of Clinical Medicine* 3 (3), 679–692.

Huff, M.D., Weisman, D., Adams, J., Li, S., Green, J., Malone, L.L., Clemmons, S., (2014). The frequency of tetracycline resistance genes co-detected with respiratory pathogens: A database mining study uncovering descriptive trends throughout the United States. *BMC Infectious Diseases* 14 (1), 1–9.

Kerley, C., Hutchinson, K., Greally, P., Coughlan, D., Elnazir, B., (2014). A randomized, double-blind, placebo-controlled trial of vitamin D supplementation for Irish children with asthma: Baseline data. *Irish Journal of Medical Science* 183 (Supplenet 9), 437–471.

Kleiboeker, S., Nutt, J., Schindel, B., Dannehl, J., Hester, J., (2014). Cytomegalovirus antiviral resistance: Characterization of results from clinical specimens. *Transplant Infectious Disease* 16 (4), 561–567.

Lee, Y.J., Zheng, J., Kolitsopoulos, Y., Chung, D., Amigues, I., Son, T., Choo, K., Hester, J., Giralt, S.A., Glezerman, I.G., Jakubowski, A.A., (2014). Relationship of BK polyoma virus (BKV) in the urine with

hemorrhagic cystitis and renal function in recipients of T Cell-depleted peripheral blood and cord blood stem cell transplantations. *Biology of Blood and Marrow Transplantation* 20 (8), 1204–1210.

Mak ACY, Pullinger CR, Tang LF, Wong JS, Deo RC, Schwarz JM, Gugliussa A, Movsesyan I, Ishida BY, Chu C, Poon A, Kim P, Stock EO, Scafer EJ, Asztalos BF, Castellano JM, Wyss-Coray T, Duncan JL, Miller BL, Kane JP, Kwok PY, Malloy MJ, (2014). Effects of the absence of apolipoprotein E on lipoproteins, neurocognitive function, and retinal function. *Journal of the American Medical Association Neurology* 71, 1228-1236.

Marle, N., Martinet, D., Aboura, A., Joly-Helas, G., Andrieux, J., Flori, E., Puechberty, J., Vialard, F., Sanlaville, D., Fert Ferrer, S., Bourrouillou, G., (2014). Molecular characterization of 39 de novo sSMC: contribution to prognosis and genetic counselling, a prospective study. *Clinical Genetics* 85 (3), 233–244.

Muller, F., Dreux, S., Czerkiewicz, I., Bernard, M., Guibourdenche, J., Lacroix, I., Moineau, M.P., Read, M.H., Sault, C., Thibaud, D., Veyrat, B., (2014). Dépistage de la trisomie 21 par les marqueurs sériques maternels: justification des commentaires appliqués par les biologistes. *Journal de gynécologie obstétrique et biologie de la reproduction*, 671–679.

Philippe, G., Radenne, S., Gonzalo, S., (2014). Biomarkers of chronic alcohol misuse. *Current Biomarker Findings* 4, 9–22.

Schaefer, E.J., Anthanont, P., Asztalos, B.F., (2014). High-density lipoprotein metabolism, composition, function, and deficiency. *Current Opinion in Lipidology* 25, 194-199.

Souberbielle, J.C., Benhamou, C.L., Cortet, B., Rousière, M., Roux, C., Abitbol, V., Audran, M., Bachetta, J., Beauchet, O., Blain, H., Breuil, V., (2014). Rapport de la HAS sur les dosages de vitamine D: ne passons pas d'une situation extrême à une autre situation tout aussi extrême. *Presse Med* 43, 5–8.

Souberbielle, J.C., Benhamou, C.L., Cortet, B., Rousière, M., Roux, C., Abitbol, V., Annweiler, C., Audran, M., Bacchetta, J., Bataille, P., Beauchet, O., (2014). Ostéopathies fragilisantes, maladie rénale chronique, malabsorptions, anomalies biologiques du métabolisme phosphocalcique: les bonnes indications pour un remboursement raisonné du dosage de vitamine D. *Annales de Biologie Clinique* 72 (2), 385–389.

Tani, M., Matera, R., Horvath, K.V., Hasan, T.S., Schaefer, E.J., Asztalos, B.F. (2014). The influence of apoE-deficiency and LDL-receptor-deficiency on the HDL subpopulation profile in mice and in humans. *Atherosclerosis* 233, 39-44.

Anthanont, P., Asztalos, B.F., Polisecki, E., Zachariah, B., Schaefer, E.J. (2015). Case report: A novel apolipoprotein A-I missense mutation apoA-I (Arg149Ser) Boston associated with decreased lecithin-cholesterol acyltransferase activation and cellular cholesterol efflux. *Journal of Clinical Lipidology* 9, 390-395.

Bouakkadia, H., Boutebba, A., Haddad, I., Vinh, J., Guilloux, L., Sutra, J.P., Sénéchal, H., Poncet, P., (2015). Analyse immunoprotéomique des allergènes non-hydrosolubles de farines de quatre légumineuses: arachide, soja, sésame et lentille. *Annales de Biologie Clinique* 73 (6), 690–704.

Bailly, S., Maubon, D., Fournier, P., Pelloux, H., Schwebel, C., Chapuis, C., Foroni, L., Cornet, M., Timsit, J.F., (2015). Impact of antifungal prescription on relative distribution and susceptibility of *Candida* spp. – Trends over 10 years. *Journal of Infection* 72 (1), 103–111.

Chen, W.J., Arnold, J., Fairchok, M., Schofield, C., Clair, K.J.S., Danaher, P., (2015). Etiology Unknown: Are less recognized respiratory pathogens associated with a milder course of illness. *Open Forum Infectious Diseases* 2 (1), 526.

Che'Amat, A., González-Barrio, D., Ortiz, J.A., Díez-Delgado, I., Boadella, M., Barasona, J.A., Bezos, J., Romero, B., Armenteros, J.A., Lyashchenko, K.P., Venteo, A., (2015). Testing Eurasian wild boar piglets for serum antibodies against *Mycobacterium bovis*. *Preventive Veterinary Medicine* 1 (121), 93–98.

- Démurger, F., Ichkou, A., Mougou-Zerelli, S., Le Merrer, M., Goudefroye, G., Delezoide, A.L., Quélin, C., Manouvrier, S., Baujat, G., Fradin, M., Pasquier, L., (2015).** New insights into genotype–phenotype correlation for GLI3 mutations. *European Journal of Human Genetics* 23 (1), 90–102.
- Duncan, R., Kourout, M., Grigorenko, E., Fisher, C., Dong, M., (2015).** Advances in multiplex nucleic acid diagnostics for blood-borne pathogens: Promises and pitfalls. *Expert Review of Molecular Diagnostics* 16 (1), 83–95.
- Ebel, A., (2015).** Actualité sur les IST: Diagnostic, suivi, prévention de la transmission et des complications à long terme. *Option/Bio* 26 (533), 13–16.
- Grömminger, S., Erkan, S., Schöck, U., Stangier, K., Bonnet, J., Schloo, R., Schubert, A., Prott, E.C., Knoll, U., Stumm, M., Kalle, C., (2015).** The influence of low molecular weight heparin medication on plasma DNA in pregnant women. *Prenatal Diagnosis* 35 (11), 1155–1157.
- Hassoun, A., Huff, M.D., Weisman, D., Chahal, K., Asis, E., Stalons, D., Grigorenko, E., Green, J., Malone, L.L., Clemmons, S., Lu, S., (2015).** Seasonal variation of respiratory pathogen colonization in asymptomatic health care professionals: A single-center, cross-sectional, 2-season observational study. *American Journal of Infection Control* 43 (8), 865–870.
- Kerley, C., Hutchinson, K., Grealley, P., Coughlan, D., Elnazir, B., (2015).** A randomized, double-blind, placebo-controlled of vitamin D3 for Irish children with asthma. *Proceedings of the Nutrition Society* 73 (OCE2).
- Laskin, B.L., Sullivan, K.E., Hester, J., Goebel, J., Davies, S.M., Jodele, S., (2015).** Antibodies to BK virus in children prior to allogeneic hematopoietic cell transplant. *Pediatric Blood & Cancer* 62 (9), 1670–1673.
- Louvrier, C., Egea, G., Labalme, A., Des Portes, V., Gazzo, S., Callet-Bauchu, E., Till, M., Sanlaville, D., Edery, P., Schluth-Bolard, C., (2015).** Characterization of a de novo Supernumerary Neocentric Ring Chromosome Derived from Chromosome 7. *Cytogenetic and Genome Research* 147 (2–3), 111–117.
- Pulliger CR, Stock EO, Movsesyan I, Malloy J, Frost PH, Tripuraneni R, Quinn AG, Ishida Y, Schaefer EJ, Asztalos BF, Kane JP, (2015).** Identification and metabolic profiling of patients with lysosomal acid lipase deficiency. *Journal of Clinical Lipidology* 9, 716–726.
- Renoux, C., Feray, C., Joly, P., Zanella-Cleon, I., Garcia, C., Lacan, P., Couprie, N., Francina, A., (2015).** A new hemoglobin variant: Hb Meylan [β 73(E17)Asp \rightarrow Phe; HBB: c.220G>T; c.221A>T] with a double base mutation at the same codon. *Hemoglobine* 39 (1), 46–48.
- Royère, D., Sault, C., Working Group Trisomy 21 Screening, 2016., (2015).** The impact of introducing combined first-trimester trisomy 21 screening in the French population. *European Journal of Public Health* 26 (3), 492–497.
- Ridore, M., Chen, W.J., Fairchok, M., Schofield, C., Lalani, T., Danaher, P., Rajnik, M., Mcdonough, E., Malone, L., Grigorenko, E., Stalons, D., (2015).** Characterization of human metapneumovirus infection among adults with influenza-like illness. *Open Forum Infectious Diseases* 2 (1), 528.
- Sault, C., (2015).** Dépistage de la trisomie 21 fœtale par les marqueurs sériques maternels. *La Lettre* (revue sages-femmes libérales).
- Servant-Delmas, A., Ly, T.D., Hamon, C., Houdah, A.K., Laperche, S., (2015).** Comparative performance of three rapid HBsAg assays for detection of HBs diagnostic escape mutants in clinical samples. *Journal of Clinical Microbiology* 53 (12), 3954–3955.
- Sesler, C., Green, J., Malone, L., (2015).** Target Enriched Multiplex PCR (TEM-PCR™) for Rapid Detection of Bloodstream Infections. American Association for Clinical Chemistry Global Point of Care; Strategies for Disasters, Emergencies, and Public health Resilience. Kost and Curtis. Hall Press, 261–269.

Spaggiari, E., Czerkiewicz, I., Sault, C., Dreux, S., Galland, A., Salomon, L.J., Ville, Y., Muller, F., (2015). Impact of Including or Removing Nuchal Translucency Measurement on the Detection and False-Positive Rates of First-Trimester Down Syndrome Screening. *Fetal Diagnosis and Therapy* 40 (3), 214–218.

Weber, E., Gagneux-Brunon, A., Jacomo, V., Rousselon, T., Lucht, F., Botelho-Nevers, E., (2015). Tenosynovitis: a rare presentation of tuberculosis better known by hand surgeons than infectious diseases specialists. *Infection* 43.

Zwaenepoel, K., Merkle, D., Cabillic, F., Berg, E., Belaud-Rotureau, M.A., Grazioli, V., Herelle, O., Hummel, M., Le Calve, M., Lenze, D., Mende, S., (2015). Automation of ALK gene rearrangement testing with fluorescence in situ hybridization (FISH): A feasibility study. *Experimental and Molecular Pathology* 98 (1), 113–118.

Al-Rufaye, Z., Hong, W., Hockman, D., Huff, M., Stalons, D., Grigorenko, E., Hassoun, A., (2016). Utilization of target enriched multiplex-polymerase chain reaction for diagnosis of urinary tract infection. *Open Forum Infectious Diseases* 3 (1), 174.

Berry, A., Iriart, X., Boissier, J., Chyderiotis, G., Debruyne, M., Alluin, F., Canarelli, J., Ramalli, L., Ruello, M., Heuze, G., Magnaval, J.F., (2016). Schistosomose en Corse: chronique d'une histoire annoncée. *La Lettre de l'Infectiologie* 31 (2), 60–64.

Cabanne, L.G., (2016). La solution automatisée intégrale Werfen pour l'auto-immunité. *Biologistes Infos* 44–47.

Cabanne, L.G., (2016). Lecture automatisée de la recherche par IFI des anticorps anti-nucléaires sur HEP-2 – Confrontation d'expérience. *Feuillets de Biologie* 17–20.

Chazel, M., Marchandin, H., Keck, N., Terru, D., Carrière, C., Ponsoda, M., Jacomo, V., Panteix, G., Bouzini, N., Bañuls, A.L., Choisy, M., (2016). Evaluation of the SLOMYCO Sensititre® panel for testing the antimicrobial susceptibility of Mycobacterium marinum isolates. *Annals of Clinical Microbiology and Antimicrobials*.

Dong, M., Fisher, C., Añez, G., Rios, M., Nakhasi, H.L., Hobson, J.P., Beanan, M., Hockman, D., Grigorenko, E., Duncan, R., (2016). Standardized methods to generate mock (spiked) clinical specimens by spiking blood or plasma with cultured pathogens. *Journal of Applied Microbiology* 120 (4), 1119–1129.

Daudignon, A., Quilichini, B., Ameye, G., Poirel, H., Bastard, C., Terré, C., (2016). Cytogenetics in the management of multiple myeloma: an update by the Groupe francophone de cytogénétique hématologique (GFCH). In *Annales de Biologie Clinique* 74 (5), 588–595.

Flem, L.L., (2016). Anticoagulant circulant (ACC): à propos de deux cas. *Spectra Biologi* 220, 51–53.

Hauser TH, Salastekar N, Schaefer EJ, Desai T, Goldfine HL, Fowler KM, Weber GM, Welty F, Clouse M, Shoelson SE, Goldfine AB; Targeting Inflammation Using Salsalate in Cardiovascular Disease (TINSAL-CVD) Study Team, (2016). Effect of targeting inflammation with salsalate: The TINSAL-CVD randomized clinical trial on progression of coronary plaque in overweight and obese patients using statins. *Journal of the American Medical Association Cardiology* 1, 413–423.

Hutchinson, K., Kerley, C., Cormican, L., Rochev, Y., Faul, J., (2016). The association between 25-Hydroxyvitamin D and Airway Obstruction in Asthma. *Irish Medical Journal* 109 (3), 371.

Hutchinson, K., Kerley, C.P., Cormican, L., Faul, J., Grealley, P., Coghlan, D., Louw, M., Elnazir, B., Rochev, Y., (2016). Association of vitamin D receptor TaqI gene variant in Exon 9 and ApaI in intron 8 with uncontrolled paediatric asthma in Ireland. *Irish Journal of Medical Science* 30 (10), S363–S419.

Kerley, C.P., Hutchinson, K., Bolger, K., McGowan, A., Faul, J., Cormican, L., (2016). Serum Vitamin D is significantly inversely associated with disease severity in caucasian adults with obstructive sleep apnea syndrome: A case control study. *Sleep* 39 (2), 293–300.



- Kerley, C.P., Hutchinson, K., Cormican, L., Faul, J., Grealley, P., Coghlan, D., Elnazir, B., (2016).** Vitamin D3 for uncontrolled childhood asthma: A pilot study. *Pediatric Allergy and Immunology* 27 (4), 404–412
- Lanier, E.R., Foster, S., Brundage, T., Chou, S., Prichard, M.N., Kleiboeker, S., Wilson, C., Colville, D., Mommeja-Marin, H., (2016).** Analysis of Mutations in the Gene Encoding Cytomegalovirus DNA Polymerase in a Phase 2 Clinical Trial of Brincidofovir Prophylaxis. *Journal of Infectious Diseases* 214 (1), 32–35.
- Lamy, P.J., Gauchez, A.S., Salomon, L., Haugh, M., Ceraline, J., Fulla, Y., Georges, A., Larré, S., Loric, S., Luporsi, E., Martin, P.M., (2016).** Les niveaux de preuve des biomarqueurs utilisés pour la détection précoce des cancers de la prostate. In *Annales de Biologie Clinique* 74 (2), 227–232.
- Lamy, P.J., Sault, C., Renard, E., (2016).** Une interférence dans le dosage de l’insuline révèle un syndrome auto-immun anti-insuline. In *Annales de Biologie Clinique* 74 (4), 490–494.
- Letort, M.-J., Deniau, J., Six, C., Rousseau, C., De Valk, H., Paty, M.-C., (2016).** Surveillance du chikungunya et de la dengue en France métropolitaine, 2014. *Bulletin Epidémiologique Hebdomadaire* 2015 (13-14), 204–211.
- Ly, T.D., Coignard, C., (2016).** Incertitude de mesure et sérologie infectieuse. *Revue de Biologie Médicale* 332.
- Mesquita, P.M., Preston-Hurlburt, P., Keller, M.J., Vudattu, N., Espinoza, L., Altrich, M., Anastos, K., Herold, K.C., Herold, B.C., (2016).** Role of interleukin 32 in human immunodeficiency virus reactivation and its link to human immunodeficiency virus-herpes simplex virus coinfection. *The Journal of Infectious Diseases* 215 (4), 614–622.
- Mokhtari, C., Ebel, A., Reinhardt, B., Merlin, S., Proust, S., Roque-Afonso, A.M., (2016).** Characterization of Samples Identified as Hepatitis C Virus Genotype 1 without Subtype by Abbott RealTime HCV Genotype II Assay Using the New Abbott HCV Genotype Plus RUO Test. *Journal of Clinical Microbiology* 54 (2), 296–299.
- Prince, H.E., Altrich, M.L., Nowicki, M.J., (2016).** Evaluation of two enzyme-linked immunosorbent assay kits for chikungunya virus IgM using samples from deceased organ and tissue donors. *Journal of Virology* 23 (10), 825–830.
- Pichat, C., Couvin, D., Carret, G., Frédénucci I., Jacomo, V., Carricajo, A., Boisset, S., Dumitrescu, O., Flandrois, J.P., Lina, G., Rastogi, N., (2016).** Combined Genotypic, Phylogenetic, and Epidemiologic Analyses of *Mycobacterium tuberculosis* Genetic Diversity in the Rhône Alpes Region, France. *Plos One* 11 (4), e0153580.
- Rabut, E., (2016).** Evaluation de l’automate Neo® (Immucor) pour l’immuno-hématologie érythrocytaire. *Spectra Biologie* 223, 45–54.
- Sastre, P., Pérez, T., Costa, S., Yang, X., Räber, A., Blome, S., Goller, K.V., Gallardo, C., Tapia, I., García, J., Sanz, A., (2016).** Development of a duplex lateral flow assay for simultaneous detection of antibodies against African and Classical swine fever viruses. *Journal of Veterinary Diagnostic Investigation* 28 (5), 543–549.
- Schaefer EJ, Anthanont P, Diffenderfer MR, Polisecki E, Asztalos BF, (2016).** Diagnosis and treatment of high density lipoprotein deficiency. *Progress in Cardiovascular Disease* 59, 97-106.
- Schaefer EJ, Tsunoda F, Diffenderfer M, Polisecki E, Thai N, Asztalos B, (2016).** The measurement of lipids, lipoproteins, apolipoproteins, fatty acids, and sterols, and next generation sequencing for the diagnosis and treatment of lipid disorders. *Endotext [Internet]*, 29.03.2016, 1-69.
- Septfons, A., Noël, H., Leparc-Goffart, I., Giron, S., Delisle, E., Chappert, J.-L., Catelinois, O., Franke, F., Servas, V., Guinard, A., Debruyne, M., Schaal, O., Brichler, S., Ninove, L., Prat, C., Flusin, O., Poujol, I.,**

- Flem, L.L., (2016).** Thrombopénie induite par l'héparine (TIH): à propos d'un cas. *Spectra Biologie* 220, 49–50.
- Sastre, P., Gallardo, C., Monedero, A., Ruiz, T., Arias, M., Sanz, A., Rueda, P., (2016).** Development of a novel lateral flow assay for detection of African swine fever in blood. *BMC Veterinary Research* 12 (1), 1–8.
- Souberbielle, J.C., Benhamou, C.L., Cortet, B., Rousière, M., Roux, C., Abitbol, V., Annweiler, C., Audran, M., Bacchetta, J., Bataille, P., Beauchet, O., (2016).** French law: what about a reasoned reimbursement of serum vitamin D assays ? *Geriatric et psychologie neuropsychiatrie du vieillissement* 14 (6), 377–388.
- Asztalos BF, Horvath KV, Mehan M, Yokota Y, Schaefer EJ, (2017).** Influence of HDL particles on cell-cholesterol efflux under various pathological conditions. *Journal of Lipid Research* 58, 1238-1246.
- Bonnin, A., Muller, F., Senat, M.V., Sault, C., Galland, A., Taieb, J., Dreux, S., Bouyer, J., Benachi, A., (2017).** Down syndrome maternal serum markers in oocyte donation and other assisted reproductive technologies. *Prenatal Diagnosis*.
- Bourhy, P., Picardeau, M., Septfons, A., Trombert, S., Cart-tanneur, E., (2017).** Émergence de la leptospirose humaine en France métropolitaine ? Actualités sur la surveillance. *Medicine et Maladies Infectieuses* 47 (4), 150.
- Bugni, E., Cohen, R., Mazellier, C., (2017).** Stratégie de gestion du contrôle interne de qualité en laboratoire de biologie médicale CIQ en LBM: gare au mélange des théories!. *Annales de Biologie Clinique* 75 (6).
- Calba, C., Guerbois-Galla, M., Franke, F., Jeannin, C., Auzet-Caillaud, M., Grard, G., Pigaglio, L., Decoppet, A., Weicherding, J., Savail, M.C., Munoz-Riviero, M., Chaud, P., Cadiou, B., Ramalli, L., Fournier, P., Noël, H., Lamballerie, X., Paty, M.-C., Leparç-Goffart, I., (2017).** Preliminary report of an autochthonous Chikungunya outbreak in France, July to September 2017. *Eurosurveillance* 22 (39), 17–00647.
- de Casson, F.B., Moal, V., Gauchez, A.S., Moineau, M.P., Sault, C., Schlageter, M.H., Massart, C., (2017).** Thyroglobulin assay in fluids from lymph node fine needle-aspiration washout: influence of pre-analytical conditions. *Annales de Biologie Clinique* 75 (2), 173–180.
- Dragon-Durey, M.A., Fabien, N., Chyderiotis, G., Musset, L., Pham, B.N., Olsson, N., (2017).** Testing anti-neutrophil cytoplasmic antibodies (ANCA): analysis of the European EASI survey on the daily practice of the French laboratories. *Annales de Biologie Clinique* 75 (5), 531–541.
- First, M.R., Pierry, D., McNulty, M., Kurian, S.M., Rose, S., Whisenant, T., Venzon, A., Bayat, N., Lewis, P., Friedewald, J.J., Abecassis, M.M., (2017).** Analytical and Clinical Validation of a Molecular Diagnostic Signature in Kidney Transplant Recipients. *Journal of Transplantation Technologies & Research* 7 (3), 6–24.
- Gabrilovich, M.I., Huff, M.D., McMillen, S.M., Quinter, C., (2017).** Severe Necrotizing Tracheobronchitis From Panton-Valentine Leukocidin-positive MRSA Pneumonia Complicating Influenza A-H1N1-09. *Journal of Bronchology & Interventional Pulmonology* 24 (1), 63–66.
- Ganaie, S.S., Zou, W., Xu, P., Deng, X., Kleiboeker, S., Qiu, J., (2017).** Phosphorylated STAT5 directly facilitates parvovirus B19 DNA replication in human erythroid progenitors through interaction with the MCM complex. *PLOS Pathogens* 13 (5), 6370.
- Ghisetti, V., Coignard, C., Alice, T., Duong, L.T., (2017).** Evaluation of the performance of a new automated HIV combination assay. *Journal of Clinical Virology* 96, 80–83.
- Grigorenko, E., Fisher, C., Patel, S., Winkelman, V., Williamson, P., Chancey, C., Añez, G., Rios, M., Majam, V., Kumar, S., Duncan, R., (2017).** Highly multiplex real-time pcr based screening for blood-borne pathogens on an open array platform for blood-borne pathogens on an open array platform. *The Journal of Molecular Diagnostics* 19 (4), 549–560

Guis, L., Chaumier, A., Le Gall, V., Havrez, S., (2017). Intégration du Capillarys 2 Flex Piercing (Sebia) dans un laboratoire de biologie médicale Spécialisée. *Revue Francophone des Laboratoires* 2013 (449), 47–57.

Hutchinson, K., Healy, M., Crowley, V., Louw, M., Rochev, Y., (2017). Verification of Abbott 25-OH-D Vitamin D assay on the architect system. *Practical Laboratory Medicine* 7, 27–35.

Hockman, D., Dong, M., Zheng, H., Kumar, S., Huff, M.D., Grigorenko, E., Beanan, M., Duncan, R., (2017). Comparison of multiplex PCR hybridization-based and singleplex real-time PCR-based assays for detection of low prevalence pathogens in spiked samples. *Journal of Microbiological Methods* 132, 76–82.

Kane J, Schaefer E, Malloy M, (2017). Xenosterolemia: emerging molecular and clinical insights. *Current Opinion in Lipidology* 28, 518-519.

Kerley, C.P., Hutchinson, K., Bramham, J., McGowan, A., Faul, J., Cormican, L., (2017). Vitamin D improves selected metabolic parameters but not neuropsychological or quality of life indices in OSA: A pilot study. *Journal of Clinical Sleep Medicine: JCSM: Official Publication of the American Academy of Sleep Medicine* 13 (1), 19–26.

Musset, L., Fabien, N., Chyderiotis, G., Olsson, N.O., Pham, B.N., Dragon, M.A.D., (2017). Research and identification of antinuclear antibodies: analysis of a questionnaire from the European EASI group and confrontation of French practices to international recommendations. In *Annales de Biologie Clinique* 76 (2), 185–195.

Noël, H., Ruello, M., Maccary, A., Pelat, C., Sommen, C., Boissier, J., Barré-Cardi, H., Fillaux, J., Termignon, J.L., Debruyne, M., Chyderiotis, G., (2017). Large outbreak of urogenital schistosomiasis acquired in Southern Corsica: monitoring the early signs of the endemicization?. *Clinical Microbiology and Infection* 24 (3), 295–300.

Petit, I., Moussa, C., Bonnet, K., Bezol, A., Havrez, S., Gerrier, P., (2017). Dosage de la ciclosporine, du tacrolimus, de l'évélorimus et du sirolimus en LC-MS/MS. *Toxicologie Analytique et Clinique*, 72–73.

Rabut, É., Castro-Fernandez, A., Le Gall, V., Meknache, N., (2017). Interférences sérologiques du traitement du myélome multiple par daratumumab (anti-CD38): à propos d'un cas. *Annales de Biologie Clinique* 75 (3), 351–355.

Rasigade, J.P., Barbier, M., Dumitrescu, O., Pichat, C., Carret, G., Ronnaux-Baron, A.S., Blasquez, G., Godin-Benhaim, C., Boisset, S., Carricajo, A., Jacomo, V., (2017). Strain-specific estimation of epidemic success provides insights into the transmission dynamics of tuberculosis. *Scientific Reports* 7.

Reynes, J.M., Carli, D., Bour, J.B., Boudjeltia, S., Dewilde, A., Gerbier, G., Nussbaumer, T., Jacomo, V., Rapt, M.P., Rollin, P.E., Septfons, A., (2017). Seoul Virus Infection in Humans, France, 2014-2016. *Emerging Infectious Diseases* 23 (6), 973–977.

Reynes, J.M., Carli, D., Renaudin, B., Fizet, A., Bour, J.B., Brodard, V., Cart-Tanneur, E., Dewilde, A., Hamri, M., Fleury, H., Hecquet, D., (2017). Surveillance des infections humaines par hantavirus en France métropolitaine, 2012–2016. *Bulletin Épidémiologique Hebdomadaire-BEH* 23, 492–499.

Salastekar N, Desai T, Hauser T, Schaefer EJ, Fowler K, Joseph S, Shoelson S, Goldfine AB; TINSAL-CVD Study Team, (2017). Salsalate improves glycemia in overweight persons with diabetes risk factors of stable statin-treated cardiovascular disease: a 30-month randomized placebo-controlled trial. *Diabetes Obesity Metabolism* 19, 1458-1462.

Sault, C., (2017). Marqueurs de dépistage et de prédiction de la pré-éclampsie: place de la biologie. *Journal of Biological Medicine*.

Shahali, Y., Sutra, J.P., Hilger, C., Swiontek, K., Haddad, I., Vinh, J., Guilloux, L., Charpin, D., Sénéchal, H., Poncet, P., (2017). Identification of a polygalacturonase (Cup s 2) as the major CCD-bearing allergen in *Cupressus sempervirens* pollen. *Allergy* 72 (11), 1806–1810.

Spaggiari, E., Dreux, S., Stirnemann, J.J., Czerkiewicz, I., Houfflin-Debarge, V., Segonne, A., Jouannic, J.M., Ville, Y., Muller, F., (2017). Impact of spina bifida screening of shifting prenatal Down syndrome maternal serum screening from the second trimester to the first. *Prenatal Diagnosis* 37, 673–679.

Strompf-Silvestre, L., (2017). Dépistage biologique du cancer de l’ovaire. *GENESIS*.

Thibault, V., Servant-Delmas, A., Ly, T.D., Roque-Afonso, A.M., Laperche, S., (2017). Performance of HBsAg quantification assays for detection of Hepatitis B virus genotypes and diagnostic escape-variants in clinical samples. *Journal of Clinical Virology* 89, 14–21.

Xu, P., Zhou, Z., Xiong, M., Zou, W., Deng, X., Ganaie, S.S., Kleiboeker, S., Peng, J., Liu, K., Wang, S., Ye, S.Q., (2017). Parvovirus B19 NS1 protein induces cell cycle arrest at G2-phase by activating the ATR-CDC25C-CDK1 pathway. *PLOS Pathogens* 13 (3), e1006266.

Zrhidri, A., Jaouad, I.C., Lyahyai, J., Raymond, L., Egéa, G., Taoudi, M., El Mouatassim, S., Sefiani, A., (2017). Identification of two novel SH3PXD2B gene mutations in Frank-Ter Haar syndrome by exome sequencing: Case report and review of the literature. *Gene* 628, 190–193.

Zrhidri, A., Amasdl, S., Lyahyai, J., Elouardi, H., Chkirate, B., Raymond, L., Egéa, G., Taoudi, M., El Mouatassim, S., Sefiani, A., (2017). Next Generation Sequencing identifies mutations in GNPTG gene as a cause of familial form of scleroderma-like disease. *Pediatric Rheumatology* 15 (1), 1–6.

Asztalos BF, Horvath KV, Schaefer EJ, (2018). High-density lipoprotein particles, cell-cholesterol efflux, and coronary heart disease risk. *Arteriosclerosis, Thrombosis, and Vascular Biology* 38, 2007-2015.

Barbier, M., Dumitrescu, O., Pichat, C., Carret, G., Ronnaux-Baron, A.S., Blasquez, G., Godin-Benham, C., Boisset, S., Carricajo, A., Jacomo, V., Fredenucci, I., (2018). Changing patterns of human migrations shaped the global population structure of Mycobacterium tuberculosis in France. *Scientific Reports* 8.

Bezoz, J., Roy, Á., Infantes-Lorenzo, J.A., González, I., Venteo, Á., Romero, B., Grau, A., Mínguez, O., Domínguez, L., de Juan, L., (2018). The use of serological tests in combination with the intradermal tuberculin test maximizes the detection of tuberculosis infected goats. *Veterinary immunology and immunopathology* 199, 43–52.

Brinton EA, Hopkins PN, Hegele RA, Geller AS, Polisecki EY, Diffenderfer MR, Schaefer EJ, (2018). The association between hypercholesterolemia and sitosterolemia, and report of a sitosterolemia kindred. *Journal of Clinical Lipidology* 12, 152-161.

Cassuto, N.G., Marras, G., Jacomo, V., Bouret, D., (2018). Persistence of Zika virus in gradient sperm preparation. *Journal of Gynecology Obstetrics and Human Reproduction* 47 (5), 211–212.

Chabane, H., Apoil, P.A., Castelain, C., Bouvier, M., Bouz, C., Dalampira, G., Delebarre-Sauvage, C., Dzviga, C., Farouz, J.C., François, S., Garnier, L., (2018). Recommandations de bonne pratique de prescription et d’interprétation de la biologie de l’allergie: démarche méthodologique d’actualisation 2018 par le groupe de travail de la Société française d’allergologie. *Revue Française d’Allergologie* 58 (3), 293.

Chapiro, E., Pramil, E., Roos-Weil, D., Dillard, C., Gabillaud, C., Maloum, K., Settegrana, C., Baseggio, L., Lesesve, J.F., Yon, M., Jondreville, L., (2018). Genetic Characterization of B-Cell Prolymphocytic Leukemia (B-PLL): A Hierarchical Prognostic Model Involving MYC and TP53 Abnormalities. on Behalf of the Groupe Francophone De Cytogenetique Hematologique (GFCH) and the French Innovative Leukemia Organization (FILO) Group. *Blood* 134 (21), 1821–1831.

Corral P, Geller AS, Polisecki EY, Lopez GI, Bañares VG, Cacciagiu L, Berg G, Hegele RA, Schaefer EJ, Schreier LE, (2018). Unusual genetic variants associated with hypercholesterolemia in Argentina. *Atherosclerosis* 277, 256-261.

Dautigny, M., (2018). Application du Lean management à l'optimisation d'un plateau technique automatisé. *Spectra Biologie*.

Duell PB, Salen G, Eichler FS, DeBarber AE, Connor SL, Casaday L, Jayadev S, Kisanuki Y, Lekpasert P, Malloy MJ, Ramdhani RA, Ziajka PE, Quinn JF, Su KG, Geller AS, Diffenderfer MR, Schaefer EJ, (2018). Diagnosis, treatment, and clinical outcomes in 43 cases with cerebrotendinous xanthomatosis. *Journal of Clinical Lipidology* 12, 1169-1178.

Fournet, N., Franke, F., Chaud, P., Raguenaud, M.E., Calba, C., Septfons, A., Vincent, N., Terpant, G., Bernadou, A., Broustal, O., Heuzé, G., Guinard, A., Liebert, A.-H., Stoll, J., Galla, M., Poveda, J.D., Chyderiotis, G., Cart-Tanneur, E., Brichler, S., Ninove, L., Nisavanh, A., Durand, J., Henriette de Valk, H., Paty, M.-C., Noël, H., (2018). Surveillance du chikungunya, de la dengue et des infections à virus Zika en France métropolitaine, 2017. *Bulletin Épidémiologique Hebdomadaire* 24, 494–503.

Ganaie, S.S., Chen, A.Y., Huang, C., Xu, P., Kleiboeker, S., Du, A., Qiu, J., (2018). RNA Binding Protein RBM38 Regulates Expression of the 11-Kilodalton Protein of Parvovirus B19, Which Facilitates Viral DNA Replication. *Journal of Virology* 92 (8), 2050.

Geller AS, Polisecki EY, Diffenderfer MR, Asztalos BF, Karathanasis SK, Hegele RA, Schaefer EJ, (2018). Genetic and secondary causes of severe HDL deficiency and cardiovascular disease. *Journal of Lipid Research* 59, 2421-2435.

Jaouad, I.C., Zrhidri, A., Jdioui, W., Lyahyai, J., Raymond, L., Egéa, G., Taoudi, M., El Moutassim, S., Sefiani, A., (2018). A novel non sense mutation in WDR62 causes autosomal recessive primary microcephaly: a case report. *BMC Medical Genetics* 19 (1), 1–5.

Jorge Elizalde, Xabier Eguiluz, Kepa Mayora, Luis A. Rivas, Antonio Sanz, Jan Dehnert, Vadim Goridko, Stefan Görlandt, Martin Schädel Standalone, (2018). Standalone Point-of-use device for gluten detection in food: POCT application experiment in SMARTER-SI European Project. *Proceedings* 2 (3), 128.

Lee, C.S., Lee, A.Y., Akileswaran, L., Stroman, D., Najafi-Tagol, K., Kleiboeker, S., Chodosh, J., Magaret, A., Wald, A., Van Gelder, R.N., Berdy, G.J., (2018). Determinants of Outcomes of Adenoviral Keratoconjunctivitis. *Ophthalmology* 125 (9), 1344–1353.

Matera R, Horvath KY, Nair H, Schaefer EJ, Asztalos BF, (2018). HDL particle measurement: Comparison of 5 methods. *Clinical Chemistry* 64, 492-500.

Musset, L., Fabien, N., Chyderiotis, G., Olsson, N.O., Pham, B.N., Dragon, M.A.D., (2018). Recherche et identification des anticorps antinucléaires: analyse du questionnaire européen de l'EASI groupe et confrontation des pratiques françaises aux recommandations internationales. *Annales de Biologie Clinique* 76 (2), 185–195.

Parkhouse, R.M.E., Carpio, A., Campoverde, A., Sastre, P., Rojas, G., Cortez, M.M., (2018). Reciprocal contribution of clinical studies and the HP10 antigen ELISA for the diagnosis of extraparenchymal neurocysticercosis. *Acta Trop* 178, 119–123.

Petit, I., Moussa, C., Bonnet, K., Bezol, A., Havrez, S., Gerrier, P., (2018). Dosage de la ciclosporine, du tacrolimus, de l'évérolimus et du sirolimus en LC-MS/MS. *Toxicologie Analytique et Clinique* 234, 61–66.

Rebollo, B., Llorente, F., Pérez-Ramírez, E., Sarraseca, J., Gallardo, C., Rivalde, M.Á., Höfle, U., Figuerola, J., Soriguer, R.C., Venteo, Á., Jiménez-Clavero, M.Á., (2018). Absence of protection from West Nile virus disease and adverse effects in red legged partridges after non-structural NS1 protein administration. *Comparative Immunology, Microbiology and Infectious Diseases* 56, 30–33.

Rebollo, B., Pérez, T., Camuñas, A., Pérez-Ramírez, E., Llorente, F., Sánchez-Seco, M.P., Jiménez-Clavero, M.Á., Venteo, Á., (2018). A monoclonal antibody to DIII E protein allowing the differentiation of West Nile virus from other flaviviruses by a lateral flow assay. *Journal of Virological Methods* 260, 41–44.

Rebollo, B., Sarraseca, J., Lecollinet, S., Abouchoaib, N., Alonso, J., García-Bocanegra, I., Sanz, A.J., Venteo, Á., Jiménez-Clavero, M.A., (2018). Monitoring Anti-NS1 Antibodies in West Nile Virus-Infected and Vaccinated Horses. *BioMed research international*.

Rebollo, B., Sarraseca, J., Rodríguez, M.J., Sanz, A., Jiménez-Clavero, M.Á., Venteo, Á., (2018). Diagnostic aptitude of West Nile virus-like particles expressed in insect cells. *Diagnostic Microbiology and Infectious Disease* 91 (3), 233–238.

Redondo, H., Fragoso, J.S., Tahala, M.A., Bensassi, Y., Gil, I., Elbachir, E., Rodríguez, M.J., Moreno, J.C.A., (2018). Characterization of strain of fowl adenoviruses circulating in Morocco. *Poultry science* 97 (11), 4057–4062.

Robinet, S., Parisot, F., (2018). Accreditation of a multiplex real time PCR assay for detection and semi-quantitative determination of pathogens responsible of sexually-transmitted infections. In *Annales de Biologie Clinique* 76 (4), 459–476.

Roy, Á., Infantes-Lorenzo, J.A., Blázquez, J.C., Venteo, Á., Mayoral, F.J., Domínguez, M., Moreno, I., Romero, B., de Juan, L., Grau, A., Domínguez, L., (2018). Temporal analysis of the interference caused by paratuberculosis vaccination on the tuberculosis diagnostic tests in goats. *Preventive veterinary medicine* 156, 68–75.

Sánchez-Cordón, P.J., Jabbar, T., Berrezaie, M., Chapman, D., Reis, A., Sastre, P., Rueda, P., Goatley, L., Dixon, L.K., (2018). Evaluation of protection induced by immunisation of domestic pigs with deletion mutant African swine fever virus BeninDMGF by different doses and routes. *Vaccine* 36 (5), 707–715.

Sault, C., (2018). Actualités sur la pré-éclampsie et place de la biologie. *Revue de Médecine Generale et de Famille* 2 (7), 194–198.

Sault, C., (2018). Corrélation entre le ratio sFlt-1/PIGF et les lésions histologiques du placenta en cas d'insuffisance placentaire avérée ou suspectée.

Xu., Peng., Chen AY., Ganaie SS, Fang C., Weiran S., Xiaomei W., Steve K., Yi Li, jianming Qiu., (2018). The 11-Kilodalton Nonstructural Protein of Human Parvovirus B19 Facilitates Viral DNA Replication by Interacting with Grb2 through Its Proline-Rich Motifs. *Journal of Virology* 93 (1), e01464–18.

Zou, W., Wang, Z., Xiong, M., Chen, A.Y., Xu, P., Ganaie, S.S., Badawi, Y., Kleiboeker, S., Nishimune, H., Ye, S.Q., Qiu, J., (2018). Human Parvovirus B19 Utilizes Cellular DNA Replication Machinery for Viral DNA Replication. *Journal of Virology* 92 (5), 1881.

Achir, I., Amari, H., Arrache, D., Baghdali, F.Y., Bitam, A., Blanchecotte, F., Chabati, O., Chachou, A., Djenane, A., Djenane, F., Djenouhat, K., (2019). Oral communications from the 3e Congrès de biologie praticienne et 4e Congrès de médecine de laboratoire, Fédération internationale francophone de biologie clinique et de médecine de laboratoire (FIFBCML), Alger, octobre 2019. In *Annales de Biologie Clinique* 77 (6), 701–711.

Aira, C., Ruiz, T., Dixon, L., Blome, S., Rueda, P., Sastre, P., (2019). Bead-based multiplex assay for the simultaneous detection of antibodies to African swine fever virus and classical swine fever virus. *Frontiers in Veterinary Science* 6, 306.

Boulanger, H., Lefèvre, G., Achiche, J., Bailleul, S., Ekoukou, D., Drouin, D., Sault, C., Stawiariski, N., Dupuis, E., (2019). Potential value of placental angiogenic factors as biomarkers in preeclampsia for clinical physicians. *Nephrologie & Thérapeutique* 15 (6), 413–429.

Chatron, N., Raymond, L., Schluth-Bolard, C., Bardel, C., Huissoud, C., Nouchy, M., Sanlaville, D., Massoud, M., (2019). Comment on "Trisomy 21 noninvasive prenatal testing for twin pregnancies". *Prenatal Diagnosis*.

Chattopadhyay, C., Oba, J., Roszik, J., Marszalek, J.R., Chen, K., Qi, Y., Eterovic, K., Robertson, A.G., Burks, J.K., McCannel, T.A., Grimm, E.A., (2019). Elevated Endogenous SDHA Drives Pathological Metabolism in Highly Metastatic Uveal Melanoma. *Investigative ophthalmology & visual science* 60 (13), 4187–4195.

Chyzyk V, Kozmic S, Brown AS, Hudgins LC, Starc TJ, Davila AD, Blevins TC, Diffenderfer MR, He L, Geller AS, Rush C, Hegele RA, Schaefer EJ, (2019). Extreme hypertriglyceridemia: Genetic diversity, pancreatitis, pregnancy, and prevalence. *Journal of Clinical Lipidology* 13, 89-99.

Dansinger M, Williams PT, Superko HR, Asztalos BF, Schaefer EJ, (2019). Effects of weight change on HDL-cholesterol and its subfractions in over 28,000 men and women. *Journal of Clinical Lipidology* 13, 308-316.

Dansinger ML, Williams PT, Superko HR, Schaefer EJ, (2019). Effects of weight change on apolipoprotein B-containing emerging atherosclerotic cardiovascular disease (ASCVD) risk factors. *Lipids in Health and Disease* 154, 1-10.

Dansinger ML, Williams PT, Superko HR, Schaefer EJ, (2019). The importance of cholesterol follow-up testing under current statin treatment guidelines. *Prevention Medicine* 121, 150-157.

DeWolfe, D., Aid, M., McGann, K., Ghofrani, J., Geiger, E., Helzer, C., Malik, S., Kleiboeker, S., Jost, S., Tan, C.S., (2019). NK Cells Contribute to the Immune Risk Profile in Kidney Transplant Candidates. *Frontiers in Immunology* 10.

Durán-Ferrer, M., Agüero, M., Zientara, S., Beck, C., Lecollinet, S., Sailleau, C., Smith, S., Potgieter, C., Rueda, P., Sastre, P., Monaco, F., (2019). Assessment of reproducibility of a VP7 Blocking ELISA diagnostic test for African horse sickness. *Transboundary and Emerging Diseases* 66 (1), 83–90.

First, M.R., Peddi, V.R., Mannon, R., Knight, R., Marsh, C.L., Kurian, S.M., Rice, J.C., Maluf, D., Mandelbrot, D., Patel, J., David, C., Schieve, D., Lee, D., Lewis, P., Friedewald, J.J., Abecassis, M.M., Rose, S., (2019). Investigator Assessment of the Utility of the TruGraf® Molecular Diagnostic Test in Clinical Practice. *Transplantation Proceedings* 51 (3), 729–733.

Fresco-Taboada, A., Rivalde, M.A., Gortázar, C., Tapia, I., González, I., Venteo, Á., Sanz, A., Rueda, P., (2019). A lateral flow assay for the rapid diagnosis of Mycobacterium bovis infection in wild boar. *Transboundary and Emerging Diseases* 66 (5), 2175–2179.

Groopman, E.E., Marasa, M., Cameron-Christie, S., Petrovski, S., Aggarwal, V.S., Milo-Rasouly, H., Li, Y., Zhang, J., Nestor, J., Krithivasan, P., Lam, W.Y., (2019). Diagnostic Utility of Exome Sequencing for Kidney Disease. *The New England Journal of Medicine* 380 (2), 2079–2080.

Giron, S., Franke, F., Decoppet, A., Cadiou, B., Travaglini, T., Thirion, L., Durand, G., Jeannin, C., L'ambert, G., Grard, G., Noël, H., Fournet, N., Auzet-Caillaud, M., Zandotti, C., Aboukaïs, S., Chaud, P., Guedj, S., Hamouda, L., Naudot, X., Ovize, A., Lazarus, C., de Valk, H., Paty, M.-C., Leparc-Goffart, I., (2019). Vector-borne Transmission of Zika Virus in Europe, Southern France, August 2019. *Eurosurveillance* 24 (45), 1900655.

García-Lunar, P., Schares, G., Sanz-Fernández, A., Jiménez-Meléndez, A., García-Soto, I., Regidor-Cerrillo, J., Pastor-Fernández, I., Hemphill, A., Fernández-Álvarez, M., Ortega-Mora, L.M., Álvarez-García, G., (2019). Development and characterization of monoclonal antibodies against *Besnoitia besnoiti* tachyzoites. *Parasitology* 146 (2), 187–196.

Genestet, C., Tatai, C., Berland, J.L., Claude, J.B., Westeel, E., Hodille, E., Fredenucci, I., Rasigade, J.P., Ponsoda, M., Jacomo, V., Vachée, A., (2019). Prospective Whole-Genome Sequencing in Tuberculosis Outbreak Investigation, France, 2017-2018. *Emerging Infectious Diseases* 25 (3), 589.

Hamdi, S.M., Sault, C., Piver, E., Genoux, A., Masson, D., Guibourdenche, J., (2019). Prééclampsie: faut-il intégrer dans la pratique courante les biomarqueurs de dépistage et de pronostic ?. *La Presse Médicale* 48 (10), 1032–1036.

Ikezaki H, Fisher VA, Lim E, Ai M, Liu CT, Cupples LA, Nakajima K, Asztalos BF, Furuso N, Schaefer EJ. (2019). Direct versus calculated LDL cholesterol and C-reactive protein in cardiovascular disease risk assessment in the Framingham Offspring Study. *Clinical Chemistry* 65, 1102-1114.

Laskin, B.L., Denburg, M.R., Furth, S.L., Moatz, T., Altrich, M., Kleiboeker, S., Lutzko, C., Zhu, X., Blackard, J.T., Jodele, S., Lane, A. (2019). The natural history of BK polyomavirus and the host immune response after stem cell transplantation. *Clinical Infectious Diseases* 71 (12), 3044–3054.

Lütjohann D, Björkhem I, Friedrichs S, Kerksiek A, Lövgren-Sandlom A, Geilenkeuser WJ, Ahrends R, Andrade I, Ansorena D, Astiasarán I, Baila-Rueda L, Barriuso B, Becker S, Bretillon L, Browne RW, Caccia C, Ceglarek U, Cenarro A, Crick PJ, Fauler G, Garcia-Liats G, Gray R, Griffiths WJ, Gylling H, Harding S, Helmschrodt C, Iuliano L, Janssen HG, Jones P, Kaipiainen L, Kannenberg F, Lagarda MJ, Leoni V, Lottenberg AM, MacKay DS, Matysik S, McDonald J, Menedez-Carreño M, Marie SB, Sutti Nunes V, Ostlund RE, Polisecki E, Ramos F, Rideout TC, Schaefer EJ, Schmitz G, Wang Y, Zerginatti C, Diczfalussy W, Schött HF. (2019). First international descriptive and interventional survey for cholesterol and non-cholesterol sterol determination by gas- and liquid-chromatography: Urgent need for harmonisation of analytical methods. *Journal of Steroid Biochemistry and Molecular Biology* 190, 115-125.

Marsh, C.L., Kurian, S.M., Rice, J.C., Whisenant, T.C., David, J., Rose, S., Schieve, C., Lee, D., Case, J., Barrick, B., Peddi, V.R., Mannon, R.B., Knight, R., Maluf, D., Mandelbrot, D., Patel, A., Friedewald, J.J., Abecassis, M.M., First, M.R. (2019). Application of TruGraf®: A Novel Molecular Biomarker for Managing Kidney Transplant Recipients With Stable Renal Function. *Transplantation Proceedings* 51 (3), 722–728.

Musso, D., Ko, A.I., Baud, D. (2019). Zika virus infection: after the pandemic. *The New England Journal of Medicine* 381 (15), 1444–1457.

Parkhouse, R.M.E., Carpio, A., Campoverde, A., Sastre, P., Rojas, G., Harrison, L.J., Cortez, M.M. (2019). A modified lateral flow assay, using serum, for the rapid identification of human and bovine cysticercosis in the absence of false positives. *Transactions of The Royal Society of Tropical Medicine and Hygiene* 113 (2), 101–104.

Penther, D., Etancelin, P., Lusina, D., Bidet, A., Quilichini, B., Gaillard, B., Rafdord-Weiss, I., Mozziconacci, M.J., Ittel, A., Roche-Lestienne, C., Barin, C., (2019). Isolated isochromosomes i(X)(p10) and idic(X)(q13) are associated with myeloid malignancies and dysplastic features. *American Journal of Hematology*.

Petit, I. (2019). Dosage de la vitamine D en LC-MS/MS. *Spectra Diagnostic* 4, 59–64.

Robinet, S., Parisot, F., (2019). Performance assessment of the Allplex STI Essential real-time PCR assay for the diagnosis of *Neisseria gonorrhoeae* and *Chlamydia trachomatis* infections in genital and extra-genital sites. *Journal of Laboratory Medicine* 43 (4), 191–200.

Schaefer EJ, Geller AS, Endress G, (2019). The biochemical and genetic diagnosis of lipid disorders. *Current Opinion in Lipidology* 30, 56-62.

Schubert, B., Badiou, M., Force, A., (2019). Computer-aided sperm analysis, the new key player in routine sperm assessment. *First International Journal of Andrology – Andrologia* 51 (10), e13417.

Senouci, A., Smol, T., Tricot, S., Bakala, J., Moulessehoul, S., Quilichini, B., Penther, D., Herbaux, C., Daudignon, A. (2019). Cytogenetic landscape in 1012 newly diagnosed chronic lymphocytic leukemia. *European Journal of Haematology* 103 (6), 607–613.

Strompf-Silvestre, L. (2019). Détermination prénatale non invasive du génotype RHD fœtal. *Réflexions en Gynécologie-Obstétrique*.

Superko HR, Williams PT, Dansinger ML, Schaefer, E.J. (2019). Trends in low-density lipoprotein-cholesterol blood values between 2012 and 2017 suggest sluggish adoption of the recent 2013 treatment guidelines. *Clinical Cardiology* 42, 101-110.

Vouga, M., Pomar, L., Panchaud, A., Musso, D., Baud, D. (2019). A critical analysis of the 2 years neurodevelopmental and neurosensory outcomes in in utero Zika virus exposed children. *Nature Medicine* 25 (11), 1641–1642.

Xu, P., Ganaie, S.S., Wang, X., Wang, Z., Kleiboeker, S., Horton, N.C., Heier, R.F., Meyers, M.J., Tavis, J.E., Qiu, J., (2019). Endonuclease Activity Inhibition of the NS1 Protein of Parvovirus B19 as a Novel Target for Antiviral Drug Development. *Antimicrobial Agents and Chemotherapy* 63 (3), 1879–18.

Álvarez-Rodríguez, B., Tiede, C., Hoste, A.C., Surtees, R.A., Trinh, C.H., Slack, G.S., Chamberlain, J., Hewson, R., Fresco, A., Sastre, P., Tomlinson, D.C. (2020). Characterization and applications of a Crimean-Congo hemorrhagic fever virus nucleoprotein-specific Affimer: Inhibitory effects in viral replication and development of colorimetric diagnostic tests. *PLoS neglected tropical diseases* 14 (6), e0008364.

Baud, D., Qi, X., Nielsen-Saines, K., Musso, D., Pomar, L., Favre, G. (2020). Real estimates of mortality following covid-19 infection. *The Lancet Infectious Disease* 20 (7), 773.

Colson, P., Schleinitz, N., Vely, F., Poveda, J.D., Jacomo, V., Demerle, C., Borentain, P., Gerolami, R., (2020). Chronic hepatitis E in absence of severe immune deficiency. *Clinics and Research in Hepatology and Gastroenterology* 44 (1), e1–e4.

Coonen E, Rubio C, Christopikou D, Dimitriadou E, Gontar J, Goossens V, Maurer M, Spinella F, Vermeulen N, De Rycke M. (2020). ESHRE PGT Consortium good practice recommendations for the detection of structural and numerical chromosomal aberrations. *Human Reproduction Open* 2020 (3).

Doreille, A., Raymond, L., Mesnard, L., (2020). Exome Sequencing as Part of a Multidisciplinary Approach to Diagnosis. *JAMA* 324 (23), 2445–2445.

Dulipsingh, L., Ibrahim, D., Schaefer, E.J., Crowell, R., Diffenderfer, M.R., Williams, K., Lima, C., McKenzie, J., Cook, L., Puff, J., Onoroski, M., (2020). SARS-CoV-2 serology and virology trends in donors and recipients of convalescent plasma. *Transfusion and Apheresis Science* 59 (6), 102922.

Edrige, A.W., Kaczorowska, J., Hoste, A.C., Bakker, M., Klein, M., Loens, K., Jebbink, M.F., Matser, A., Kinsella, C.M., Rueda, P., Ieven, M, (2020). Seasonal coronavirus protective immunity is short-lasting. *Nature Medicine* 26 (11), 1691–1693.

Emile, C., (2020). Place de la biologie dans le dépistage et la prédiction de la pré-éclampsie au cours de la grossesse. *Spectra Diagnostic*, 45–49.

Favre, G., Pomar, L., Xiaolong, Q., Nielsen-Saines, K., Musso, D., Baud, D., (2020). Guidelines for Pregnant Patients with suspected SARS-CoV-2 infection. *The Lancet Infectious Disease*.

Favre, G., Pomar, L., Musso, D., Baud, D., (2020). 2019-nCoV epidemic: what about pregnancy. *The Lancet*, 395.

Flamand, C., Enfissi, A., Bailly, S., Sarmiento, C.A., Beillard, E., Gaillet, M., Michaud, C., Servas, V., Clement, N., Perilhou, A., Carage, T., Rousser D., (2020). Seroprevalence of anti-SARS-CoV-2 IgG at the epidemic peak in French Guiana. *PLoS neglected tropical diseases* 15 (11), e0009945.

Fries, N., Le Garrec, S., Egloff, M., Sault, C., Dreux, S., Mangione, R., Salomon, L.J., Ville, Y., (2020). Non-invasive prenatal testing: what are we missing?. *Ultrasound in Obstetrics & Gynecology: the official Journal of the International Society of Ultrasound in Obstetrics and Gynecology* 57 (2), 345–346.

Genestet, C., Paret, R., Pichat, C., Berland, J.L., Jacomo, V., Carret, G., Fredenucci, I., Hodille, E., Rasigade, J.P., Boisset, S., Carricajo, A., (2020). Routine survey of Mycobacterium tuberculosis isolates reveals nosocomial transmission. *European Respiratory Journal*.

Ghoshhajra BB, Foldnya B, Gaudet D, Khoury K, Sloan SR, Shah PK, Jones SR, Waksman R, Schaefer EJ, Brewer HB, Jr, (2020). Coronary atheroma regression from infusions of autologous selectively delipidated pre β -HDL-enriched plasma in homozygous familial hypercholesterolemia. *Journal of American College of Cardiology* 76, 3064-3066.

Hoste, A.C., Venteo, A., Fresco-Taboada, A., Tapia, I., Monedero, A., López, L., Jebbink, M.F., Pérez-Ramírez, E., Jimenez-Clavero, M.A., Almonacid, M., Muñoz, P., Guinea, J., Vela, C., van der Hoek, L., Rueda, P., Sastre, P., (2020). Two serological approaches for detection of antibodies to SARS-CoV-2 in different scenarios: a screening tool and a point-of-care test. *Diagnostic Microbiology and Infectious Disease* 98 (4).

Kleiboeker, S., Cowden, S., Grantham, J., Nutt, J., Tyler, A., Berg, A., Altrich, M., (2020). SARS-CoV-2 viral load assessment in respiratory samples. *Journal of Clinical Virology* 129, 104439.

Lee, S., Zhao, L., Rojas, C., Bateman, N.W., Yao, H., Lara, O.D., Celestino, J., Morgan, M.B., Nguyen, T.V., Conrads, K.A., Rangel, K.M., (2020). Molecular Analysis of Clinically Defined Subsets of High-Grade Serous Ovarian Cancer. *Cell reports* 31 (2), 107502.

Lecoquierre, F., Brehin, A.C., Coutant, S., Coursimault, J., Bazin, A., Finck, W., Benoist, G., Begorre, M., Beneteau, C., Cailliez, D., Chenal, P., (2020). Exome sequencing identifies the first genetic determinants of sirenomelia in humans. *Human Mutation* 41 (5), 926–933.

Linder, K.A., Kauffman, C.A., Zhou, S., Richards, B.J., Kleiboeker, S., Miceli, M.H., (2020). Performance of the (1,3)-Beta-D-Glucan Assay on Bronchoalveolar Lavage Fluid for the Diagnosis of Invasive Pulmonary Aspergillosis. *Mycopahtologica* 185 (5), 925–929.

Masmejan, S., Musso, D., Vouga, M., Pomar, L., Dashraath, P., Stovanov, M., Panchaud, A., Baud, D., (2020). Zika virus. *Pathogens* 9 (11), 898.

Musso, D., Despres, P. (2020). Serological diagnosis of flavivirus-associated human infections. *Diagnostics* 10 (5), 302.

Oliveri S, Durosini I, Cutica I, Cincidda C, Spinella F, Baldi M, Gorini A, Pravettoni G. (2020). Health orientation and individual tendencies of a sample of Italian genetic testing consumers. *Molecular Genetics & Genomic Medicine* 8 (8), e1291.

Oliveri S, Marton G, Vergani L, Cutica I, Gorini A, Spinella F, Pravettoni G. (2020). Genetic Testing Consumers in Italy A Preliminary Investigation of the Socio-Demographic Profile, Health-Related Habits, and Decision Purposes. *Frontiers in Public Health* 8 (8), 511.

Parola, P., Musso, D., (2020). Zika, dengue, chikungunya and yellow fever infections in Europe? – Winter is over, warm days are coming - So hedge your bets. *Travel Medicine and Infectious Disease*.

Reuben, A., Zhang, J., Chiou, S.H., Gittelman, R.M., Li, J., Lee, W.C., Fujimoto, J., Behrens, C., Liu, X., Wang, F., Quek, K., (2020). Comprehensive T cell repertoire characterization of non-small cell lung cancer. *Nature Communications* 11 (1), 603.

Riffault, S., Hägglund, S., Guzman, E., Näslund, K., Jouneau, L., Dubuquoy, C., Pietralunga, V., Laubreton, D., Boulesteix, O., Gauthier, D., Remot, A., (2020). A single shot pre-fusion-stabilized bovine RSV F vaccine is safe and effective in newborn calves with maternally derived antibodies. *Vaccines* 8 (2), 231.

Sacconi A, Donzelli S, Pulito C, Ferrero S, Spinella F, Morrone A, Rigoni M, Pimpinelli F, Ensoli F, Sanguineti G, Pellini R, Agrawal N, Izumchenko E, Ciliberto G, Gianni A, Muti P, Strano S, Blandino G.

(2020). TMPRSS2, a SARS-CoV-2 internalization protease is downregulated in head and neck cancer patients. *Journal of Experimental & Clinical Cancer Research* 39 (1), 200.

Senant, M., Musset, L., Chyderiotis, G., Guis-Cabanne, L., Damoiseaux, J., Fabien, N., Dragon-Durey, M.A., (2020). Precision of autoantibody assays in clinical diagnostic laboratories: What is the reality? *Clinical Biochemistry* 83, 57–64.

Wang, J., Ganaie, S.S., Cheng, F., Xu, P., Ning, K., Wang, X., Kleiboeker, S., Cheng, S., Qiu, J., (2020). RNA Binding Motif Protein RBM45 Regulates Expression of the 11-Kilodalton Protein of Parvovirus B19 through Binding to Novel Intron Splicing Enhancers. *Mbio* 11 (2), e00192–20.

Wöhlke S, Schaper M, Oliveri S, Cutica I, Spinella F, Pravettoni G, Steinberger D, Schick Tanz S. (2020). German and Italian Users of Web-Accessed Genetic Data: Attitudes on Personal Utility and Personal Sharing Preferences. Results of a Comparative Survey (n=192). *Frontiers in Genetics* 11, 102.

Xu, S., Moss, T.J., Rubin, M.L., Ning, J., Eterovic, K., Yu, H., Jia, R., Fan, X., Tetzlaff, M.T., Esmaeli, B., (2020). Whole-exome sequencing for ocular adnexal sebaceous carcinoma suggests PCDH15 as a novel mutation associated with metastasis. *Modern Pathology* 33 (7), 1256–1263.

Zhou, S., Linder, K.A., Kauffman, C.A., Richards, B.J., Kleiboeker, S., Miceli, M.H., (2020). Diagnostic Performance of Bronchoalveolar Lavage (1,3)- β -d-Glucan Assay for Pneumocystis jirovecii Pneumonia. *Journal of Fungi* 6 (4), 200.

2021 –

Aira, C., Penning, M., Eiden, M., Balkema-Buschmann, A., Blome, S., Strutzberg-Minder, K., López, L., Rueda, P., Sastre, P., (2021). A multiplex assay for the detection of antibodies to relevant swine pathogens in serum. *Transboundary and Emerging Diseases*.

Benichou, N., Raymond, L., Letavernier, E., Mesnard, L., Francois, H., (2021). The Case | Isolated microscopic hematuria: a diagnostic journey. *Kidney International* 100 (4), 955–956.

Blanquet, M., Dreux, S., Léger, S., Sault, C., Mourgues, C., Laurichesse, H., Lémery, D., Vendittelli, F., Debost-Légrand, A., Muller, F., (2021). Cost-effectiveness threshold of first-trimester Down syndrome maternal serum screening for the use of cell-free DNA as a second-tier screening test. In *Annales de Biologie Clinique* 79 (4), 331–338.

Chahoud, J., Gleber-Netto, F.O., McCormick, B.Z., Rao, P., Lu, X., Guo, M., Morgan, M.B., Chu, R.A., Martinez-Ferrer, M., Eterovic, A.K., Pickering, C.R., (2021). Whole-exome Sequencing in Penile Squamous Cell Carcinoma Uncovers Novel Prognostic Categorization and Drug Targets Similar to Head and Neck Squamous Cell Carcinoma. *Clinical Cancer Research* 27 (9), 2560–2570.

Chou, S., Watters, M., Sinha, R., Kleiboeker, S., (2021). Ganciclovir and maribavir susceptibility phenotypes of cytomegalovirus UL97 ATP binding region mutations detected by expanded genotypic testing. *Antiviral Research* 193, 105139.

Deveson, I.W., Gong, B., Lai, K., LoCoco, J.S., Richmond, T.A., Schageman, J., Zhang, Z., Novoradovskaya, N., Willey, J.C., Jones, W., Kusko, R., Eterovic, A.K. & SEQC2 Oncopanel Sequencing Working Group, (2021). Evaluating the analytical validity of circulating tumor DNA sequencing assays for precision oncology. *Nature Biotechnology* 39 (9), 1115–1128.

Doreille, A., Raymond, L., Lebre, A.S., Linster, C., Lamri, R.S., Karras, A., Khayat, R., Michel, P.A., Buob, D., Luque, Y., Rafat, C., (2021). Nephronophthisis in Young Adults Phenocopying Thrombotic Microangiopathy and Severe Nephrosclerosis. *Clinical Journal of the American Society of Nephrology* 16 (4), 615–617.

Dubourg, G., Lagier, J.C., Brouqui, P., Casalta, J.P., Jacomo, V., La Scola, B., Rolain, J.M., Raoult, D., (2021). Low blood zinc concentrations in patients with poor clinical outcome during SARS-CoV-2 infection: is

there a need to supplement with zinc COVID-19 patients? *Journal of Microbiology, Immunology and Infection* 13.

Espi, M., Charmetant, X., Barba, T., Koppe, L., Pelletier, C., Kalbacher, E., Chalencon, E., Mathias, V., Ovize, A., Cart-Tanneur, E., Bouz, C. (2021). The ROMANOV study found impaired humoral and cellular immune responses to SARS-CoV-2 mRNA vaccine in virus-unexposed patients receiving maintenance hemodialysis. *Kidney International* 100 (4), 928–936.

Espi, M., Charmetant, X., Barba, T., Pelletier, C., Koppe, L., Chalencon, E., Kalbacher, E., Mathias, V., Ovize, A., Cart-Tanneur, E., Bouze, C. (2021). A prospective observational study for justification, safety, and efficacy of a third dose of mRNA vaccine in patients receiving maintenance hemodialysis. *Kidney International*.

Fall, F.K., Laroche, M., Bossin, H., Musso, D., Parola, P., (2021). Performance of MALDI-TOF mass spectrometry to determine sex of mosquitoes and identify specific colonies from French Polynesia. *American Journal of Tropical Medicine and Hygiene* 25, 01–07.

Favà, A., Donadeu, L., Sabé, N., Pernin, V., González-Costello, J., Lladó, L., Meneghini, M., Charmetant, X., García-Romero, E., Cachero, A., Torija, A., (2021). SARS-CoV-2-specific serological and functional T cell immune responses during acute and early COVID-19 convalescence in solid organ transplant patients. *American Journal of Transplantation* 21 (8), 2749–2761.

Gaymard, A., Bosetti, P., Feri, A., Destras, G., Enouf, V., Andronico, A., Burrel, S., Behillil, S., Sauvage, C., Bal, A., Morfin, F., (2021). Early assessment of diffusion and possible expansion of SARS-CoV-2 Lineage 201/501Y.V1 (B.1.1.7, variant of concern 202012/01) in France. *Eurosurveillance* 26 (9), 2100133.

Gong, B., Li, D., Kusko, R., Novoradovskaya, N., Zhang, Y., Wang, S., Pabón-Peña, C., Zhang, Z., Lai, K., Cai, W., LoCoco, J.S., (2021). Cross-oncopanel study reveals high sensitivity and accuracy with overall analytical performance depending on genomic regions. *Genome Biology* 22 (1), 1–23.

Hoste, A.C., Ruiz, T., Fernández-Pacheco, P., Jiménez-Clavero, M.Á., Djadjovski, I., Moreno, S., Brun, A., Edwards, T.A., Barr, J.N., Rueda, P., Sastre, P., (2021). Development of a multiplex assay for antibody detection in serum against pathogens affecting ruminants. *Transboundary and Emerging Diseases* 68 (3), 1229–1239.

Iacolina, L., Penrith, M.L., Bellini, S., Chenais, E., Jori, F., Montoya, M., Ståhl, K., Gavier-Widén, D., (2021). Understanding and combatting African Swine Fever-A European perspective. *Wageningen Academic Publishers*.

Ikezaki H, Lim E, Cupples LA, Liu CT, Asztalos BF, Schaefer EJ, (2021). Small dense low-density lipoprotein cholesterol is the most atherogenic lipoprotein parameter in the prospective Framingham Offspring Study. *Journal of the American Heart Association* 10, e019140.

Le Vu, S., Jones, G., Anna, F., Rose, T., Richard, J.B., Bernard-Stoecklin, S., Goyard, S., Demeret, C., Helynck, O., Escriou, N., Gransagne, M., (2021). Prevalence of SARS-CoV-2 antibodies in France: results from nationwide serological surveillance. *Nature Communications* 12 (1), 1–7.

Levitsky, J., Kandpal, M., Guo, K., Kleiboeker, S., Sinha, R., Abecassis, M. (2021). Donor-derived cell-free DNA levels predict graft injury in liver transplant recipients. *American Journal of Transplantation*.

Mastromoro G, Guadagnolo D, Marchionni E, Di Palma F, Gigante L, Versacci P, Ventriglia F, Baldi M, Pizzuti A. (2021). Incidental SOS1 variant identified by non-invasive prenatal screening: Prenatal diagnosis and family clinical reassessment. *European Journal of Obstetrics and Gynecology and Reproductive Biology* 256, 518-520.

Nogueira, E., Alarcón, J., Garma, C., Paredes, C., (2021). ALS2-related disorders in Spanish children. *Neurological Sciences* 42 (5), 2091–2094.

Nogueira, E., Garma, C., Lobo, C., Del Olmo, B., Arroyo, J.M., Gómez, I, (2021). Severe developmental expressive language disorder due to a frameshift mutation in exon 18 of SRCAP gene, far away from the mutational hotspot in exons 33 and 34 associated to the Floating-Harbor syndrome. *Neurological Sciences* 42 (10), 4349–4352.

Odegard, E.A., Meeds, H.L., Kleiboeker, S.B., Ziady, A., Sabulski, A., Jodele, S., Davies, S.M., Laskin, B.L., Blackard, J.T., (2021). BK Polyomavirus Genotypes in Two Patients after Hematopoietic Cell Transplant. *Microbiology Resource Announcements* 10 (2), 1122.

Paireau, J., Guillot, S., Aït El Belghiti, F., Matczak, S., Trombert-Paolantoni, S., Jacomo, V., Taha, M.K., Salje, H., Brisse, S., Lévy-Bruhl, D., Cauchemez, S. (2021). Effect of change in vaccine schedule on pertussis epidemiology in France: a modelling and serological study. *The Lancet Infectious Disease* 22 (2), 265-273.

Park, S., Guo, K., Heilman, R.L., Poggio, E.D., Taber, D.J., Marsh, C.L., Kurian, S.M., Kleiboeker, S., Weems, J., Holman, J., Zhao, L., Sinha, R., Brietigam, S., Rebello, C., Abecassis, MM., Friedewald, J.J. (2021). Combining Blood Gene Expression and Cellfree DNA to Diagnose Subclinical Rejection in Kidney Transplant Recipients. *Clinical Journal of the American Society of Nephrology* 16 (10), 1539-1551.

Poulet, G., Garlan, F., Garrigou, S., Zonta, E., Benhaim, L., Carrillon, M.J., Didelot, A., Le Corre, D., Mulot, C., Nizard, P., Ginot, F., (2021). Characterization of Plasma Cell-Free DNA Integrity Using Droplet-Based Digital PCR: Toward the Development of Circulating Tumor DNA-Dedicated Assays. *Frontiers in Oncology* 11, 645.

Pulido, J., García-Durán, M., Fernández-Antonio, R., Galán, C., López, L., Vela, C., Venteo, A., Rueda, P., Rivas, L.A., (2021). Receptor-binding domain-based immunoassays for serosurveillance differentiate efficiently between SARS-CoV2-exposed and non-exposed farmed mink. *Journal of Veterinary Diagnostic Investigation*, 01–9.

Ruano-Gallego, D., García-Villadangos, M., Moreno-Paz, M., Gómez-Elvira, J., Postigo, M., Simón-Sacristán, M., Reyburn, H.T., Carolis, C., Rodrigo, N., Codeseira, Y.B., Rueda, P., (2021). A multiplex antigen microarray for simultaneous IgG and IgM detection against SARS-CoV-2 reveals higher seroprevalence than reported. *Microbial Biotechnology* 14 (3), 1228–1236.

Schaefer EJ, Comite F, Dulipsingh L, Lang M, Jimison J, Grahower MM, Lebowitz NE, Geller AS, Diffenderfer MR, He L, Breton G, Dansinger ML, Saida B, Yuan C, (2021). Corona Virus Disease-19 serology, inflammatory markers, hospitalizations, case finding, and aging. *PLoS One* 16 (6), e0252818.

Schaefer EJ, Tint GS, Duell PB, Steiner RD, (2021). Cerebrotendinous xanthomatosis, sitosterolemia, Smith-Lemli-PPiz syndrome and the seminal contributions of Gerald Salen, MD (1935-2020). *Journal of Clinical Lipidology* 15, 540-544.

Valarcher, J.F., Hägglund, S., Näslund, K., Jouneau, L., Malmström, E., Boulesteix, O., Pinard, A., Leguéré, D., Deslis, A., Gauthier, D., Dubuquoy, C. (2021). Single-Shot Vaccines against Bovine Respiratory Syncytial Virus (BRSV): Comparative Evaluation of Long-Term Protection after Immunization in the Presence of BRSV-Specific Maternal Antibodies. *Vaccines* 9 (3), 236.

Viotti M, McCoy RC, Griffin DK, Spinella F, Greco E, Madjunkov M, Madjunkova S, Librach CL, Victor AR, Barnes FL, Zouves CG. (2021). Let the data do the talking the need to consider mosaicism during embryo selection. *Fertility and Sterility* 116 (5), 1212-1219.

Zou, W., Ning, K., Xu, P., Deng, X., Cheng, F., Kleiboeker, S., Qiu, J., (2021). The N-terminal 5-68 amino acids domain of the minor capsid protein VP1 of human parvovirus B19 enters human erythroid progenitors and inhibits B19 infection. *Journal of Virology* 95 (14), 466–421.

Asztalos BF, Hauser TH, Goldfine AB, Welty FK, Horvath KY, Schaefer EJ, (2022). The role of HDL- and non-HDL-related parameters in cell-cholesterol efflux capacity. *Atherosclerosis* 345, 1-6.

Charmetant, X., Espi, M., Benotmane, I., Heibel, F., Buron, F., Gautier-Vargas, G., Delafosse, M., Perrin, P., Koenig, A., Cognard, N., Levi, C. (2022). Comparison of infected and vaccinated transplant recipients highlights the role of Tfh and neutralizing IgG in COVID-19 protection. *Science Translational Medicine* 14 (636), eabl6141.

Charmetant, X., Maxime, E.S.P.I., Barba, T., Ovize, A., Morelon, E., Thauinat, O. (2022). Predictive factors of response to 3rd dose of COVID-19 mRNA vaccine in kidney transplant recipient. *American Journal of Transplantation* 22 (5), 1442-1450.

Diffenderfer MR, Rajapakse N, Pham E, He L, Dansinger ML, Nelson JR, Schaefer EJ. (2022). Plasma fatty acid profiles: Relationships with sex, age, and state-reported heart disease mortality rates in the United States. *Journal of Clinical Lipidology* 16, 184-197.

Donzelli S, Spinella F, di Domenico EG, Pontone M, Cavallo I, Orlandi G, Iannazzo S, Ricciuto GM, Isg Virology Covid Team, Pellini R, Muti P, Strano S, Ciliberto G, Ensoli F, Zapperi S, La Porta CAM, Blandino G, Morrone A, Pimpinelli F, (2022). Evidence of a SARS-CoV-2 double Spike mutation D614G/S939F potentially affecting immune response of infected subjects. *Computational and Structural Biotechnology Journal* 20, 733-744.

Fresco-Taboada A, Montón M, Tapia I, Soria E, Bárcena J, Guillou-Cloarec C, Le Gall-Reculé G, Blanco E, Rueda P. (2022). Development and Evaluation of a Duplex Lateral Flow Assay for the Detection and Differentiation between Rabbit Haemorrhagic Disease Virus Lagovirus europaeus/GI.1 and /GI.2. *Biology (Basel)* 5 (11), 401.

Fresco-Taboada A, García-Durán M, Aira C, López L, Sastre P, van der Hoek L, van Gils MJ, Brouwer PJM, Sanders RW, Holzer B, Zimpernik I, López-Collazo E, Muñoz P, Rueda P, Vela C., (2022). Diagnostic performance of two serological assays for the detection of SARS-CoV-2 specific antibodies: surveillance after vaccination. *Diagnostic Microbiology and Infectious Disease* 102 (4), 115650.

Gijsbers KM, van der Schee L, van Veen T, van Berkel AM, Boersma F, Bronkhorst CM, Didden PD, Haasnoot KJC, Jonker AM, Kessels K, Knijn N, van Lijnschoten I, Mijnsals C, Milne AN, Moll FCP, Schrauwen RWM, Schreuder RM, Seerden TJ, Spanier MBWM, Terhaar Sive Droste JS, Witteveen E, de Vos Tot Nederveen Cappel WH, Vleggaar FP, Laclé MM, Ter Borg F, Moons LMG. (2022). Impact of ≥ 0.1 -mm free resection margins on local intramural residual cancer after local excision of T1 colorectal cancer. *Endoscopy international open* 10 (4), E282-E290.

Gotink AW, van de Ven SEM, Ten Kate FJC, Nieboer D, Suzuki L, Weusten BLAM, Brosens LAA, van Hillegersberg R, Alvarez Herrero L, Seldenrijk CA, Alkhalaf A, Moll FCP, Schoon EJ, van Lijnschoten I, Tang TJ, van der Valk H, Nagengast WB, Kats-Ugurlu G, Plukker JTM, Houben MHMG, van der Laan JS, Pouw RE, Bergman JJGHM, Meijer SL, van Berge Henegouwen MI, Wijnhoven BPL, de Jonge PJF, Doukas M, Bruno MJ, Biermann K, Koch AD. (2022). Individual risk calculator to predict lymph node metastases in patients with submucosal (T1b) esophageal adenocarcinoma: a multicenter cohort study. *Endoscopy* 54 (2), 109-117.

Laske, C., Müller, S., Preische, O., Ruschil, V., Munk, M.H., Honold, I., Peter, S., Schoppmeier, U. and Willmann, M., (2022). Signature of Alzheimer's Disease in Intestinal Microbiome: Results From the AlzBiom Study. *Frontiers in neuroscience*, 528.

Lozano-Rodríguez R, Valentín-Quiroga J, Avendaño-Ortiz J, Martín-Quirós A, Pascual-Iglesias A, Terrón-Arcos V, Montalbán-Hernández K, Casavilla-Dueñas JC, Bergón-Gutiérrez M, Alcamí J, García-Pérez J, Cascajero A, García-Garrido MÁ, Balzo-Castillo AD, Peinado M, Gómez L, Llorente-Fernández I, Martín-Miguel G, Herrero-Benito C, Benito JM, Rallón N, Vela-Olmo C, López-Morejón L, Cubillos-Zapata C, Aguirre LA, Fresno CD, López-Collazo E., (2022). Cellular and humoral functional responses after BNT162b2 mRNA vaccination differ longitudinally between naive and subjects recovered from COVID-19. *Cell Reports* 11 (38), 110235.

Ongaro G, Brivio E, Cincidda C, Oliveri S, Spinella F, Steinberger D, Cutica I, Gorini A, Pravettoni G. (2022). Genetic testing users in Italy and Germany: Health orientation, health-related habits, and psychological profile. *Molecular Genetics & Genomic Medicine* 10 (3), e1851.

Pulido J, García-Durán M, Fernández-Antonio R, Galán C, López L, Vela C, Venteo Á, Rueda P, Rivas LA. (2022). Receptor-binding domain-based immunoassays for serosurveillance differentiate efficiently between SARS-CoV2-exposed and non-exposed farmed mink. *Journal of Veterinary Diagnostic Investigation* 34 (2), 190-198.

Smits LJH, Vink-Börger E, van Lijnschoten G, Focke-Snieders I, van der Post RS, Tuynman JB, van Grieken NCT, Nagtegaal ID. (2022). Diagnostic variability in the histopathological assessment of advanced colorectal adenomas and early colorectal cancer in a screening population. *Histopathology* 80 (5), 790-798.

Somigliana E, Costantini MP, Filippi F, Terenziani M, Riccaboni A, Nicotra V, Rago R, Paffoni A, Mencaglia L, Magnolfi S, Zuccarello D, Rienzi L, Spinella F, Capalbo A, Scaravelli G, Testa S. (2022). MUTAGENS Special Interest Group on parenting and fertility. Fertility counseling in women with hereditary cancer syndromes. *Critical Reviews in Oncology/Hematology*;171, 103604.

Van den Berg K, Schaap DP, Voogt ELK, Buffart TE, Verheul HMW, de Groot JWB, Verhoef C, Melenhorst J, Roodhart JML, de Wilt JHW, van Westreenen HL, Aalbers AGJ, van 't Veer M, Marijnen CAM, Vincent J, Simkens LHJ, Peters NAJB, Berbée M, Werter IM, Snaebjornsson P, Peulen HMU, van Lijnschoten IG, Roef MJ, Nieuwenhuijzen GAP, Bloemen JG, Willems JMWE, Creemers GJM, Nederend J, Rutten HJT, Burger JWA. (2022). Neoadjuvant FOLFOXIRI prior to chemoradiotherapy for high-risk ("ugly") locally advanced rectal cancer: study protocol of a single-arm, multicentre, open-label, phase II trial (MEND-IT). *BMC Cancer* 22 (1), 957.

Van der Bogt RD, van der Wilk BJ, Oudijk L, Schoon EJ, van Lijnschoten G, Corporaal S, Nieken J, Siersema PD, Bisseling TM, van der Post RS, Quispel R, van Tilburg A, Oostenbrug LE, Riedl RG, Hol L, Kliffen M, Nikkessen S, Eyck BM, van Lanschot JJB, Doukas M, Spaander MCW. (2022). Bite-on-bite biopsies for the detection of residual esophageal cancer after neoadjuvant chemoradiotherapy. *Endoscopy* 54 (12), 1131-1138.

Van der Ploeg P, Uittenboogaard A, Bosch SL, van Diest PJ, Wesseling-Rozendaal YJW, van de Stolpe A, Lambrechts S, Bekkers RLM, Piek JMJ. (2022). Signal transduction pathway activity in high-grade serous carcinoma, its precursors and Fallopian tube epithelium. *Gynecologic Oncology* 165 (1), 114-120.

Van der Ploeg P, Uittenboogaard A, Bucks KMM, Lentjes-Beer MHFM, Bosch SL, van Rumste MME, Vos MC, van Diest PJ, Lambrechts S, van de Stolpe A, Bekkers RLM, Piek JMJ. (2022). Cyclic activity of signal transduction pathways in fimbrial epithelium of the human fallopian tube. *Gynecologic Oncology* 101 (2), 256-264.

Van Zoggel DMGI, Voogt ELK, van Lijnschoten IG, Cnossen JS, Creemers GJ, Nederend J, Bloemen JG, Nieuwenhuijzen GAP, Burger PJWA, Lardenoije SGGF, Rutten HJT, Roef MJ. (2022). Metabolic positron emission tomography/CT response after induction chemotherapy and chemo(re)irradiation is associated with higher negative resection margin rate in patients with locally recurrent rectal cancer. *BMJ Journals* 24 (1), 59-67.

Verhoef L, Bleeker MCG, Polman N, Steenbergen RDM, Meijer CJLM, Melchers WJG, Bekkers RL, Molijn AC, Quint WG, van Kemenade FJ, Berkhof J, Heideman DAM. (2022). Performance of DNA methylation analysis of ASCL1, LHX8, ST6GALNAC5, GHSR, ZIC1 and SST for the triage of HPV-positive women: Results from a Dutch primary HPV-based screening cohort. *International Journal of Cancer* 150 (3), 440-449.

Voogt ELK, Nordkamp S, van Zoggel DMGI, Daniëls-Gooszen AW, Nieuwenhuijzen GAP, Bloemen JG, Creemers GJ, Cnossen JS, van Lijnschoten G, Burger JWA, Rutten HJT, Nederend J. (2022). MRI tumour regression grade in locally recurrent rectal cancer. *BJS open* 6 (3), zrac033.

Vrede SW, Kasius J, Bulten J, Teerenstra S, Huvila J, Colas E, Gil-Moreno A, Boll D, Vos MC, van Altena AM, Asberger J, Sweegers S, van Weelden WJ, van der Putten LJM, Amant F, Visser NCM, Snijders MPLM, Küsters-Vandeveld HVN, Kruitwagen R, Matias-Guiu X, Weinberger V, Reijnen C, Pijnenborg JMA. (2022). Relevance of Molecular Profiling in Patients With Low-Grade Endometrial Cancer. *JAMA Network Open* 5 (12).

Zelisse HS, van Gent MDJM, de Ridder S, van der Aa MA, van Altena AM, Bart J, Belien JAM, Boere IA, Bosch SL, Broeks A, Bulten J, Collée M, Groenendijk FH, Horlings HM, Jansen MPHM, Jonges TGN, Kooreman LFS, de Kroon CD, Lambrechts S, Lok CAR, Piek JM, Reyners AKL, Roes EM, Simons M, Wisman GBA, Yigit R, Zweemer RP, Mom CH, van de Vijver MJ, Dijk F. (2022). Establishment of the Dutch Nationwide, Interdisciplinary Infrastructure and Biobank for Fundamental and Translational Ovarian Cancer Research: Archipelago of Ovarian Cancer Research. *Gynecologic and Obstetric Investigation* 87 (6), 389-397.

Aira C, Monedero A, Hernández-Antón S, Martínez-Cano J, Camuñas A, Casado N, Nieto R, Gallardo C, García-Durán M, Rueda P, Fresco-Taboada A. (2023). Improving African Swine Fever Surveillance Using Fluorescent Rapid Tests. *Pathogens* 7 (12), 811.

Aitken CA, Inturrisi F, Kaljouw S, Nieboer D, Siebers AG, Melchers WJG, van den Brule AJC, Molijn A, Hinrichs JWJ, Niesters HGM, van Kemenade FJ, Berkhof J, de Kok IMCM. (2023). Sociodemographic Characteristics and Screening Outcomes of Women Preferring Self-Sampling in the Dutch Cervical Cancer Screening Programme: A Population-Based Study. *Cancer Epidemiology Biomarkers and Prevention* 32 (2), 183-192.

Deans ZC, Biricik A, De Rycke M, Harton GL, Hornak M, Khawaja F, Moutou C, Traeger-Synodinos J, Renwick P. (2023). Twelve years of assessing the quality of preimplantation genetic testing for monogenic disorders. *Prenatal Diagnosis* 43 (4), 506-515.

Dulipsingh L, Lang M, Diffenderfer MR, Cook L, Puff J, Diaz L, He L, Schaefer EJ. (2023). Severe acute respiratory syndrome corona virus-2 (SARS-CoV-2) serology in the vaccination era and post booster vaccination. *Journal of Clinical Virology Plus* 3 (1), 100130.

Dulipsingh L, Schaefer EJ, Wakefield D, Williams K, Halilovic A, Crowell R. (2023). Comparing SARS-CoV-2 neutralizing antibody levels in convalescent unvaccinated, convalescent vaccinated, and naïve vaccinated subjects. *Heliyon* 9 (6), e17410.

Giannico R, Forlani L, Andrioletti V, Cotroneo E, Termine A, Fabrizio C, Cascella R, Salvaderi L, Linarello P, Varrone D, Gigante L, Giardina E. (2023). NIPAT as Non-Invasive Prenatal Paternity Testing Using a Panel of 861 SNVs. *Genes* 14 (2), 312.

Greco E, Yakovlev P, Kornilov N, Vyatkina S, Bogdanova D, Ermakova M, Tarasova Y, Tikhonov A, Pendina A, Biricik A, Sessa MT, Listorti I, Ronsini C, Greco PF, Victor A, Barnes F, Zouves C, Spinella F, Viotti M. (2023). Two clinical case reports of embryonic mosaicism identified with PGT-A persisting during pregnancy as true fetal mosaicism. *human reproduction* 38 (2), 315-323.

Hanevelt J, Huisman JF, Leicher LW, Lacle MM, Richir MC, Didden P, Geesing JMJ, Smakman N, Sive Droste JST, Ter Borg F, Talsma AK, Schrauwen RWM, van Wely BJ, Schot I, Vermaas M, Bos P, Sietses C, Hazen WL, Wasowicz DK, Ploeg DE, Ramsoekh D, Tuynman JB, Alderlieste YA, Renger RJ, Schreuder RM, Bloemen JG, van Lijnschoten I, Consten ECJ, Sikkenk DJ, Schwartz MP, Vos A, Burger JPW, Spanier BWM, Knijn N, de Vos Tot Nederveen Cappel WH, Moons LMG, van Westreenen HL. (2023). Limited wedge resection for T1 colon cancer (LIMERIC-II trial) - rationale and study protocol of a prospective multicenter clinical trial. *BMC Gastroenterology* 23 (1), 214.

Hanevelt J, Huisman JF, Leicher LW, Lacle MM, Richir MC, Didden P, Geesing JMJ, Smakman N, Sive Droste JST, Ter Borg F, Talsma AK, Schrauwen RWM, van Wely BJ, Schot I, Vermaas M, Bos P, Sietses C, Hazen WL, Wasowicz DK, Ploeg DE, Ramsoekh D, Tuynman JB, Alderlieste YA, Renger RJ, Schreuder RM, Bloemen JG, van Lijnschoten I, Consten ECJ, Sikkenk DJ, Schwartz MP, Vos A, Burger JPW, Spanier BWM, Knijn N, de Vos Tot Nederveen Cappel WH, Moons LMG, van Westreenen HL.

(2023). Correction: Limited wedge resection for T1 colon cancer (LIMERIC-II trial) - rationale and study protocol of a prospective multicenter clinical trial. *BMC Gastroenterology* 23 (1), 256.

Heilman R.L, Fleming, J.N., Mai, M., Smith, B., Park, W.D., Holman, J., Stegall, M.D. (2023). Multiple abnormal peripheral blood gene expression assay results are correlated with subsequent graft loss after kidney transplantation. *Clinical Transplantation* 37 (8), e14987.

Hendrikse CSE, van der Ploeg P, van de Kruis NMA, Wilting JHC, Oosterkamp F, Theelen PMM, Lok CAR, de Hullu JA, Smedts HPM, Vos MC, Pijlman BM, Kooreman LFS, Bulten J, Lentjes-Beer MHFM, Bosch SL, van de Stolpe A, Lambrechts S, Bekkers RLM, Piek JMJ. (2023). Functional estrogen receptor signal transduction pathway activity and antihormonal therapy response in low-grade ovarian carcinoma. *Cancer* 129 (9), 1361-1371.

Hoste, A. C. R., Djadjovski, I., Jiménez-Clavero, M. A., Rueda, P., Barr, J. N. and Sastre, P., (2023). Multiplex Assay for Simultaneous Detection of Antibodies against Crimean-Congo Hemorrhagic Fever Virus Nucleocapsid Protein and Glycoproteins in Ruminants. *Microbiology Spectrum* 11 (2).

Lombaers MS, Cornel KMC, Visser NCM, Bulten J, Küsters-Vandeveldel HVN, Amant F, Boll D, Bronsert P, Colas E, Geomini PMAJ, Gil-Moreno A, van Hamont D, Huvila J, Krakstad C, Kraayenbrink AA, Koskas M, Mancebo G, Matías-Guiu X, Ngo H, Pijlman BM, Vos MC, Weinberger V, Snijders MPLM, van Koeverden SW, Enitec-Consortium, Haldorsen IS, Reijnen C, Pijnenborg JMA. (2023). Preoperative CA125 Significantly Improves Risk Stratification in High-Grade Endometrial Cancer. *Cancers (Basel)* 15 (9).

Listorti I, Manzo R, Arrivi C, Mencacci C, Biricik A, Greco E, Greco P. (2023). PGT-M, a Useful Tool to Manage the Lynch Syndrome Transmission. *International Journal of Molecular Sciences* 24 (22), 16114.

Mahdavi R, Shams-Eldin H, Witt S, Latz A, Heinz D, Fresco-Taboada A, Aira C, Hübner MP, Sukyte D, Visekruna A, Teixeira HC, Abass E, Steinhoff U., (2023). Development of a Novel Enzyme-Linked Immunosorbent Assay and Lateral Flow Test System for Improved Serodiagnosis of Visceral Leishmaniasis in Different Areas of Endemicity. *Microbiology Spectrum* 11 (3).

Malick WA, Schaefer EJ, Hegele RA, Rosenson RS, (2023). ABCA1 deficiency: A rare cause of premature coronary artery disease. *Journal of the American College of Cardiology Case Reports* 18, 101904.

Oliveri S, Ongaro G, Cutica I, Menicucci G, Belperio D, Spinella F, Pravettoni G. (2023). Decision-making process about prenatal genetic screening: how deeply do moms-to-be want to know from Non-Invasive Prenatal Testing? *BMC Pregnancy & Childbirth* 23, 38.

SchaeferEJ, Ikezaki H, Diffenderfer MR, Lim E, Liu CT, Hoogeveen RC, Guan W, Tsai MY, Ballantyne CM. (2023). Atherosclerotic cardiovascular disease risk and small dense low-density lipoprotein cholesterol in men, women, African Americans and non-African Americans: the Pooling Project. *Atherosclerosis* 367, 15-23.

Spinella F, Bronet F, Carvalho F, Coonen E, De Rycke M, Rubio C, Goossens V, Van Montfoort A. (2023). ESHRE PGT Consortium data collection XXIPGT analyses in 2018. *Human Reproduction Open* 2023 (2).

Van der Meer R, Jeuken JWM, Bosch SL, van Erning FN, Simkens LHJ, de Hingh IHJT, Roumen RMH, (2023). Biomarker concordance between primary colorectal cancer and ovarian metastases: a Dutch cohort study. *Journal of Cancer Research and Clinical Oncology* 149 (9), 5677-5684.

Verhoef L, Bleeker MCG, Polman N, Steenbergen RDM, Ebisch RMF, Melchers WJG, Bekkers RLM, Molijn AC, Quint WG, van Kemenade F, Meijer CJLM, Berkhof J, Heideman DAM. (2023). Evaluation of DNA methylation biomarkers ASCL1 and LHX8 on HPV-positive self-collected samples from primary HPV-based screening. *British Journal of Cancer* 129 (1), 104-111.

Viotti M, Greco E, Grifo JA, Madjunkov M, Librach C, Cetinkaya M, Kahraman S, Yakovlev P, Kornilov N, Corti L, Biricik A, Cheng EH, Su CY, Lee MS, Bonifacio MD, Cooper AR, Griffin DK, Tran

DY, Kaur P, Barnes FL, Zouves CG, Victor AR, Besser AG, Madjunkova S, Spinella F. (2023). Chromosomal, gestational, and neonatal outcomes of embryos classified as a mosaic by preimplantation genetic testing for aneuploidy. *Fertility and Sterility* 120 (5).

Vroom AJ, Bongarts S, Bongers MY, Kooreman LFS, Bosch SL, Geomini PMAJ, van Hanegem N. (2023). The effects of Saline Infusion Sonography on the histological quality of endometrial sampling in women with postmenopausal bleeding. *BMC Women's Health* 23 (1).

Bleeker MCG, Bosse T, van de Vijver KK, Bart J, Horlings H, Jonges TGN, Visser NCM, Kooreman LFS, Bulten J, Ewing-Graham PC. (2024). Does "One Size Fits All"? Rethinking FIGO Depth of Invasion Measurements in Vulvar Cancer. *International Journal of Gynecological Pathology*, February 2, 2024

Brewer HB Jr, Schaefer EJ, Foldyna B, Ghoshhajra BB, (2024). High density lipoprotein infusion therapy: a review. *Journal of Clinical Lipidology* in press.

Faieta, M, Falcone, R, Duca, S, Corsetti, E, Giannico, R, Gigante, L, Diano, L, Calugi, G, Spinella, F, Pizzuti, F, (2024). Test performance and clinical utility of expanded noninvasive prenatal test: Experience on 71,883 unselected routine cases from one single center. *Prenatal Diagnosis*, online ahead of print, <https://doi.org/10.1002/pd.6580>.

Greco E, Greco PF, Listorti I, Ronsini C, Cucinelli F, Biricik A, Viotti M, Meschino N, Spinella F. (2024). The mosaic embryo what it means for the doctor and the patient. *Minerva Obstetrics and Gynecology* 76 (1), 89-101.

Logger, JGM, Liberton, EHCJ, Vogels, RJC, van der Wolk, S., (2024). A hard subcutaneous swelling: not always as malignant as it seems. *Nederlands Tijdschrift voor Geneeskunde*, 5 (168), D7724.

Mahdavi, R., Martinkovic, F., Shams-Eldin, H., Pereira, I.E., Reis, A.B., Latz, A., Heinz, D., Aira, C.; Fresco-Taboada, A., Abass, E. et al. (2024). Comparative Study of a Novel Lateral Flow Rapid Test with Conventional Serological Test Systems for the Diagnosis of Canine Leishmaniosis in Croatia and Brazil. *Pathogens* 13, 109.

Schreuder RM, Stoop MWJ, Piek JMJ, Lijnschoten GV, Schoon EJ. (2024). Endoscopic full-thickness resection of a solitary ovarian carcinoma colorectal metastasis. *BMJ Case Reports* CP 2024 17, e256466

Van den Tweel MM, van den Munckhof EHA, van der Zanden M, Molijn A, van Lith JMM, Boers KE. (2024). The Vaginal Microbiome Changes During Various Fertility Treatments. *Reproductive Sciences*, <https://doi.org/10.1007/s43032-024-01484-0>.

Van den Tweel MM, van den Munckhof EHA, van der Zanden M, Molijn AC, van Lith JMM, Le Cessie S, Boers KE. (2024). Bacterial vaginosis in a subfertile population undergoing fertility treatments: a prospective cohort study. *Journal of Assisted Reproduction and Genetics* 41 (2), 441-450.

Vrede SW, Donkers H, Reijnen C, Smits A, Visser NCM, Geomini PM, Ngo H, van Hamont D, Pijlman BM, Vos MC, Snijders MPLM, Kruitwagen R, Bekkers RLM, Galaal K, Pijnenborg JMA, (2024). Abnormal preoperative haematological parameters in Endometrial cancer; reflecting tumour aggressiveness or reduced response to radiotherapy? *International Journal of Gynecological Pathology* 44 (1).

COSMETICS TESTING

2000 – 2010

Nanu, E.A., (2006). Dermatita de contact la produse cosmetice. *RSCC Magazine* 6, 21–24.

Nanu, E.A., (2008). Rheological Tests in Cosmetic Applications. *RSCC Magazine* 8, 20–24.

Nanu, E.A., (2009). Rheological Behaviour of Some Cosmetic Systems. *RSCC Magazine* 9, 20–24.

Ibanescu, C., Danu, M., Nanu, A., Lungu, M., Simionescu, B.C., (2010). Stability of Disperse Systems Estimated Using Rheological Oscillatory Shear Tests. *Revue Roumaine de Chimie* 55, 933–940.

Lungu, G., Lungu, M., Dumitras, C., Ibanescu, C., Horodincea, M., Nanu, A., (2010). Rheological Behaviour of Fluids Used in Hybrid Non-Conventional Technologies. *Revista de Chimie - Bucharest - Original Edition* 1, 62–65.

Moldovan, M., Nanu, A., (2010). Influence of cleansing product type on several skin parameters after single use. *Farmacia* 58 (1), 29–37.

2011 – 2020

Nanu, E.A., (2011). Rheological modifiers of natural origins used in cosmetic formulations. *Buletinul Institutului Politehnic din Iasi* 1, 53–63.

Buhé, V., Vié, K., Guéré, C., Natalizio, A., Lhéritier, C., Le Gall-Ianotto, C., Huet, F., Talagas, M., Lebonvallet, N., Marcorelles, P., Carré, J.L., (2016). La densité en fibres intra-épidermiques est abaissée dans les peaux sensibles. *Annales de Dermatologie et de Vénérologie* 143 (12), 201.

Stettler, H., Kurka, P., Wagner, C., Sznurkowska, K., Czernicka, O., Böhling, A., Bielfeldt, S., Wilhelm, K.P., Lenz, H., (2017). A new topical panthenol-containing emollient: skin-moisturizing effect following single and prolonged usage in healthy adults, and tolerability in healthy infants. *Journal of Dermatological Treatment* 28 (3), 251–7.

Klonowicz, D., Czerwinska, M., Sirvent, A., Gatignol, J.P., (2018). A new tooth brushing approach supported by an innovative hybrid toothbrush compared reduction of dental plaque after a single use versus an oscillating-rotating powered toothbrush. *BMC Oral Health* 18 (6), 185–93.

Makino, E.T., Jain, A., Tan, P., Nguyen, A., Moga, A., Charmel, C., Kadoya, K., Cheng, T., Mehta, R.C., (2018). Clinical Efficacy of a Novel Two-Part Skincare System on Pollution-Induced Skin Damage. *Journal of Drugs in Dermatology* 17 (9), 975–81.

Ribet, V., Mielewczyk, E., Sirvent, A., Georgescu, V., Rossi, A.B., (2018). A novel dermo-cosmetic product containing thermal spring water, sucralfate, copper sulfate, and zinc sulfate in the management of hand eczema. *Clinical, Cosmetic and Investigational Dermatology* 11, 373–81.

Walczuk, I., Eertmans, F., Rossel, B., Cegielska, A., Stockfleth, E., Antunes, A., Adriaens, E., (2018). Efficacy and safety of three cryotherapy devices for wart treatment: a randomized, controlled, investigator-blinded, comparative study. *Dermatology and Therapy* 8, 203–16.

Imko-Walczuk, B., Taraszkiwicz, A., Mäyrä, A., (2019). Soothing Efficacy and Tolerability of a SkinCare Product Containing Live *Lactobacillus rhamnosus* Bacteria and Berry Seed Oils on Atopic Dermatitis Lesions. *Journal of Cosmetics, Dermatological Sciences and Applications* 9 (2), 83–93.

Olsavszky, R., Nanu, E.A., Macura-Biegun, A., Kurka, P., Trapp, S., (2019). Skin barrier restoration upon topical use of two 5% dexpanthenol water-in-oil formulations on freshly tattooed skin: results from a single-blind prospective study. *Wounds International Journal* 10 (1).

Braun, N., Heinrich, U., (2020). What Can Complex Dietary Supplements Do for Hair Loss and How Can It Be Validly Measured—A Review. *Applied Sciences* 10 (14), 4996.

Bronzina, E., Clement, A., Marie, B., Fook Chong, K.T., Faure, P., Passeron, T., (2020). Efficacy and tolerability on melasma of a topical cosmetic product acting on melanocytes, fibroblasts and endothelial cells: a randomized comparative trial against 4% hydroquinone. *Journal of the European Academy of Dermatology and Venereology* 34 (4), 897–903.

Dopcea, G.N., Dopcea, I., Nanu, A.E., Diguță, C.F., Matei, F., (2020). Resistance and cross-resistance in *Staphylococcus* spp. strains following prolonged exposure to different antiseptics. *Journal of Global Antimicrobial Resistance* 21, 399–404.

Favrel, S., Mielewczyk, E., Liberek, A., Paw, E., Chabowska, I., Sirvent, A., Ribet, V., Delarue, A., (2020). A high-emollient liquid cleanser for very dry and atopic-prone skin: Results of an in-use tolerance and efficacy study conducted under dermatological, pediatric, and ophthalmological supervision. *Journal of Cosmetic Dermatology* 19 (5), 1155–60.

Favrel, S., Urbaniak, A., Chabowska, I., Sirvent, A., Gatignol, J.P., (2020). Efficacy of a Hybrid Toothbrush versus Comparative Manual Toothbrush for Plaque Removal - Randomized In-Use Study. *Clinical, Cosmetic and Investigational Dentistry* 12, 241–50.

Fluhr, J.W., (2020). Practical Aspects of Cosmetic Testing. *Practical Aspects of Cosmetic Testing*.

Fluhr, J.W., (2020). Study Design. In *Practical Aspects of Cosmetic Testing*. Springer, Cham, 103–109.

Garbe, B., Kockott, D., Werner, M., Theek, C., Heinrich, U., Braun, N., (2020). The Influence of Short-Wave and Long-Wave Radiation Spectrum on the Photostability of Sunscreens. *Skin Pharmacol Physiol* 32 (5), 244–253.

Mehling, A., Benard, S., Braun, N., Degwert, J., Duttine, M., Jassoy, C., Merk, H., Rossow, U., Welzel, J., Wigger-Alberti, W., Wilhelm, K.P., (2020). Adapting epicutaneous patch testing protocols to assess immediate-type skin reactions. *International Journal of Cosmetic Science* 42, 328–335.

2021 –

Braun, N., Hunsdieck, B., Theek, C., Ickstadt, K., Heinrich, U., (2021). From sport to skin: Is there a link between exercises and skin physiology during ISS expeditions? *Aerospace Medicine and Human Performance* 92 (3).

Stettler, H., de Salvo, R., Olsavszky, R., Nanu, E.A., Dumitru, V., Trapp, S., (2021). Performance and Tolerability of a New Topical Dexpanthenol-Containing Emollient Line in Subjects with Dry Skin: Results from Three Randomized Studies. *Cosmetics* 8 (1), 18.

ENVIRONMENT TESTING

1980 – 1990

Theisen, J., Funcke, W., Balfanz, E., Poppe, A., Friege, H., (1987). Entstehung von polychlorierten Dibenzofuranen (PCDFs) und Dibenzo(p)dioxinen (PCDDs) durch Pyrolyse von Ugilec 141. *VDI-Berichte* 634, 265–276.

Funcke, W., Theisen, J., Balfanz, E., König, J., (1988). Polychlorierte Dibenzofurane (PCDF) und polychlorierte Dibenzo(p)dioxine (PCDD) in Rückständen und Emissionen eines Brandes in Anwesenheit von PVC-haltigen Materialien. *Reinhaltung der Luft* 48 (10), 393–396.

König, J., Balfanz, E., Funcke, W., Theisen, J., (1988). Beurteilung der Deponierbarkeit von Gießereiformsanden anhand ihres Gehaltes an polycyclischen aromatischen Kohlenwasserstoffen. *Giesserei* 21, 627–630.

Beier, R., Balfanz, E., König, J., (1989). Immissionsmessungen leichtflüchtiger halogener Kohlenwasserstoffe in der Nähe von Chemisch-Reinigungsanlagen. *VDI-Berichte* 745, 235–243.

Bruckmann, P., Kersten, W., Hagedorn, B., Ball, M., Pöpke, O., Funcke, W., Theisen, J., (1989). Immissionsmessungen halogener organischer Verbindungen in Hamburg. *VDI-Berichte* 745, 209–234.

Funcke, W., Theisen, J., Balfanz, E., König, J., (1989). Entstehung halogener organischer Substanzen in Brandfällen. *VDI-Berichte* 745, 195–208.

Theisen, J., Funcke, W., Balfanz, E., König, J., (1989). Determination of PCDFs and PCDDs in fire accidents and laboratory combustion tests involving PVC-containing materials. *Chemosphere* 19 (1-6), 423–428.

Wilken, M., Beyer, A., Jäger, J., (1990). Generation of brominated dioxins and furans in a municipal waste incinerator – results of a case study. *Organohalogen Compounds* 2, 377.

Wilken, M., Sünderhauf, W., Zeschmar-Lahl, B., (1990). FCKW in Kühlschranks-Dämmstoffen – ein unterschätztes Abfallproblem? *Müll und Abfall* 8, 522–526.

Wilken, M., Neugebauer, F., Zeschmar-Lahl, B., Jäger, J., (1990). PCCD/PCDF balance of different municipal waste management methods. I. Municipal waste incinerators (MWI). *Organohalogen Compounds* 4, 327–330.

Wilken, M., Neugebauer, F., Zeschmar-Lahl, B., Jäger, J., (1990). PCCD/PCDF balance of different municipal waste management methods. II. *Organohalogen Compounds* 4, 343–346.

Wilken, M., Neugebauer, F., Zeschmar-Lahl, B., Jäger, J., (1990). PCCD/PCDF balance of different municipal waste management methods. III. Composting. *Organohalogen Compounds* 4, 339–342.

1991 – 2000

Balfanz, E., Fuchs, J., Kieper, H., (1991). Erfahrungen mit Innenraumluftuntersuchungen auf polychlorierte Biphenyle (PCB) im Zusammenhang mit dauerelastischen Dichtungsmassen. *Organohalogen Compounds* 7, 201.

Freise, R., König, J., Cammann, K., (1991). Untersuchung zur Rolle der Füllstoffe bei der Bildung von Nitrosaminen in der Kautschukindustrie. *Kautschuk und Gummi, Kunststoffe* 44, 744–746.

Freise, R., König, J., Cammann, K., (1991). Untersuchungen zur Schadstoffbelastung der Kupferschlacke Kieselrot. *Organohalogen Compounds* 44 (5), 429–434.

- Funcke, W., Hovemann, A., Luthardt, P., Manske, E., (1991).** Einfluß des Elektrofilters von Verbrennungsanlagen auf Abgaskonzentrationen organischer Substanzen. *Organohalogen Compounds* 7, 171.
- König, J., Theisen, J., Günther, W., Liebl, K.H., Büchen, M., (1991).** Immissionsbelastung durch polychlorierte Dibenzofurane und Dibenzo(p)dioxine an verschiedenen Standorten in Hessen. *Organohalogen Compounds* 7, 291.
- König, J., (1991).** Immissionsbelastung durch polychlorierte Dibenzofurane, Dibenzo(p)dioxine und Biphenyle sowie durch Perchlorethylen. *VDI-Berichte* 888, 671–691.
- Krause, G., Beier, R., Fürst, P., Kirschmer, P., König, J., Hembrock-Heger, A., Theisen, J., (1991).** Dioxin-Untersuchungen in Nordrhein-Westfalen: 4. Transfer-Untersuchungen an Modellstandorten. *Organohalogen Compounds* 7, 67.
- Lahl, U., Wilken, M., Zeschmar-Lahl, B., Jager, J., (1991).** PCDD/F balances of different municipal waste management methods. *Chemosphere* 23 (8–10), 1481–1489.
- Balfanz, E., Fuchs, J., Kieper, H., (1992).** Innenraumluftuntersuchungen auf polychlorierte Biphenyle (PCB) im Zusammenhang mit dauerelastischen Dichtungsmassen. *Kommission Reinhaltung der Luft im VDI und DIN*, 202–212.
- Funcke, W., Linnemann, H., Philipp, C., (1992).** Sampling of polychlorinated dibenzofurans (PCDF) and dibenzo(p)dioxins (PCDD) in emissions from combustion facilities using an adsorption method. *Chemosphere* 24 (11), 1563–1572.
- Jager, J., (1992).** PCDD/PCDF contamination of different pesticides produced in former GDR. *Chemosphere* 40 (1–4), 201–211.
- Jager, J., Wilken, M., Zeschmar-Lahl, B., (1992).** Dioxin- und Furan-Emissionen in Berlin – eine Hochrechnung. *Organohalogen Compounds* 52 (3), 99–106.
- Wilken, M., Comelson, B., Fabarius, G., Zeschmar-Lahl, B., Jager, J., (1992).** Soil contamination with PCDD/PCDF and other organo halogen compounds in Bitterfeld/Wolfen (former GDR). *Organohalogen Compounds* 9, 335–338.
- Wilken, M., Cornelsen, B., Zeschmar-Lahl, B., Jager, J., (1992).** Distribution of PCDD/PCDF and other organochlorine compounds in different municipal solid waste fractions. *Chemosphere* 25 (7–10), 1517–1523.
- Balfanz, E., Fuchs, J., Kieper, H., (1993).** Polychlorinated biphenyls (PCB) and polychlorinated dibenzofurans and dibenzo(p)dioxins (PCDF/D) in indoor air due to elastic sealants and coated particle boards. *Organohalogen Compounds* 13, 115–118.
- Balfanz, E., Fuchs, J., Kieper, H., (1993).** Sampling and analysis of polychlorinated biphenyls (PCB) in indoor air due to permanently elastic sealants. *Chemosphere* 26 (5), 871–880.
- Funcke, W., Balfanz, E., Fuchs, J., Luthardt, P., Theisen, J., (1993).** Polychlorinated biphenyls (PCBs), polychlorinated dibenzofurans (PCDFs) and polychlorinated dibenzo(p)dioxins (PCDDs) in mineral oil-based insulation oils – correlations between PCB content in accordance with German DIN/LAGA and PCDF/D threshold value in accordance with German GefStoffV. *Chemosphere* 27 (4), 555–563.
- Funcke, W., Hovemann, A., Luthardt, P., Manske, E., (1993).** Influence of the electrostatic precipitator and the flue gas temperature on concentrations of organic compounds. *Chemosphere* 27 (4), 547–553.
- Funcke, W., Hovemann, A., Luthardt, P., Manske, E., (1993).** Influence of the electrostatic precipitator on concentrations of organic compounds in flue gas. *Chemosphere* 26 (5), 863–870.

Funcke, W., Luthardt, P., Philipp, C., Ledebur, H., Staberow, P., (1993). PCDF/D concentrations below 0.1 ng I-TE/m³ in the stack gas of a municipal waste incinerator without tertiary flue gas cleaning device. *Organohalogen Compounds* 12, 43–44.

Funcke, W., Hemminghaus, H.J., (1993). Evaluation of PCDF/D, PBDF/D and PBCDF/D profiles in flue gas of combustion facilities using a statistical distribution function. *Organohalogen Compounds* 11, 345–350.

Funcke, W., Linnemann, H., Bröker, G., Geueke, K.J., (1993). Performance characteristics of the adsorption method for sampling polychlorinated dibenzofurans (PCDFs) and dibenzo(p)dioxins (PCDDs) in emissions of combustion facilities. *Organohalogen Compounds* 11, 45–52.

Funcke, W., Linnemann, H., Philipp, C., (1993). Long-term sampling method for polychlorinated dibenzofurans (PCDFs), dibenzo(p)dioxins (PCDDs) and further organic compounds of similar volatility in flue gas of combustion facilities. *Chemosphere* 26 (12), 2097–2101.

Jager, J., Wilken, M., Beyer, A., Rakel, H., Zeschmar-Lahl, B., Jager, E., (1993). Practical concept to minimize the emission of halogenated organic compounds from municipal solid waste incinerators. *Chemosphere* 27 (1–3), 141–148.

König, J., Theisen, J., Günther, W.J., Liebl, K.H., Büchen, M., (1993). Ambient air levels of polychlorinated biphenyls at different sites in Hessen, Germany. *Chemosphere* 26 (5), 851–861.

Theisen, J., Maulshagen, A., Fuchs, J., (1993). Organic and inorganic substances in the copper slag Kieselrot. *Chemosphere* 26 (5), 881–896.

Brodbeck, H., Funcke, W., Linnemann, H., (1994). Long-term air sampler for continuous monitoring of PCDD/F emissions. *WLB Wasser, Luft und Boden* 11 (12), 61–62.

Jager, E., Rüden, H., Zeschmar-Lahl, B., (1994). Kompostierungsanlagen 2. Mitteilung: Aerogene Keimbelastung an verschiedenen Arbeitsbereichen von Kompostierungsanlagen. *Zentralblatt für Hygiene und Umweltmedizin* 196 (4), 367–379.

Kolenda, J., Gass, H., Wilken, M., Jager, J., Zeschmar-Lahl, B., (1994). Determination and Reduction of PCDD/PCDF Emissions from Wood burning Facilities. *Chemosphere* 29, 1927–1938.

Martin, Y.L., (1994). A global approach to accurate and automatic quantitative analysis of NMR spectra by complex least-squares curve fitting. *Journal of Magnetic Resonance, Series A*, 111 (1), 1–10.

Wilken, M., Böske, J., Jager, J., Zeschmar-Lahl, B., (1994). PCDD/F-Emissions during cold start-up and shut-down of a Municipal Solid Waste Incinerator plant – variation with a five day performance and influence of Mg(OH)₂ addition. *Organohalogen Compounds* 29 (9–11), 2039–2050.

Wilken, M., Schanne, L., Gass, H.C., (1994). Bromierte Dioxine – Bei Bränden ein höheres Gefährdungspotential als PCDD und PCDF?. *Schriftenreihe WAR* 74, 109–128.

Wilken, M., Walkow, F., Jager, E., Zeschmar-Lahl, B., (1994). Flooding Area and sediment contamination of the River Mulde, an Elbe-Influx, with PCDD/PCDF and other organic pollutants. *Chemosphere* 29 (9–11), 2237–2252.

Zeschmar-Lahl, B., Jager, E., Rüden, H., (1994). Die Hygieneproblematik in der Abfallwirtschaft. *Journal of the American Water Works Association* 1 (2), 20–25.

Jager, E., Zeschmar-Lahl, B., Rüden, H., (1995). Mikrobiologische Aspekte bei der Sammlung, Lagerung und dem Transport von Haushalts- und Haushaltsnassabfällen. *Abfallwirtschaftsjournal* 27 (3), 186–192.

Eckrich, C., Jager, E., Jager, J., (1996). Keimemissionen im Umfeld von Kompostierungsanlagen. *Abfallbehandlung, Heft* 32, 253–273.

- Funcke, W., Mayer, J., Wilken, U., (1996).** Analysis of Polyhalogenated Dibenzofurans and Dibenz(o,p)dioxins (PXDF/Ds) in the Scope of an Interlaboratory Test. *Organohalogen Compounds* 23, 311–314.
- Funcke, W., Hovemann, A., Philipp, C., Mark, F.E., Kerber, G., Dresch, H., (1996).** PCDF/D in input material, solid residues and flue gas from a municipal waste incinerator during the co-combustion of mixed separated plastic waste. *Organohalogen Compounds* 23, 461–466.
- Jäger, E., Eckrich, C., (1996).** Methoden und Problematik der Keimzahlbestimmung und deren Bewertung. *Abfallbehandlung, Heft* 32, 67–81.
- Lichtenstein, N., Stockmann, R., Bogdoll, B., Hosseinpour, J., Jaeger, K., (1996).** Ringversuch zur Messung polychlorierter Dibenzodioxine und -furane an Arbeitsplätzen. *Gefahrstoffe Reinhaltung der Luft* 56 (6), 239–245.
- Mohr, K., Nonn, Ch., Kolenda, J., Gass, H., Menke, D., Jäger, J., (1996).** Innovations in continuous emission control of PCDD/F from municipal solid waste incineration facilities. *Organohalogen Compounds* 27, 93–98.
- Funcke, W., Hemminghaus, H.J., Mark, F.E., Vehlow, J., (1997).** PXDF/D in Flue Gas from an Incinerator Charging Wastes Containing Cl and Br and a Statistical Description of the Resulting PXDF/D Combustion Profiles. *Organohalogen Compounds* 31, 93–98.
- Funcke, W., Luthardt, P., Philipp, C., (1997).** Co-Combustion of Alternative Fuel in a Coal-Fired Power Plant. *Organohalogen Compounds* 31, 497–501.
- Schumacher, M., Domingo, J.L., Llobet, J.M., Müller, L., Jäger, J., (1997).** Levels of PCDD/Fs in grasses and weeds collected near a municipal solid waste incinerator. *Science of the Total Environment* 201 (1), 53–62.
- Theisen, J., (1997).** Source identification by congener-specific PCDF/D complete analysis taking real fire damage samples as an example. *Organohalogen Compounds* 31, 99–103.
- Bolm-Audorff, U., Bienfait, H.G., Knecht, U., Woitowitz, H.J., Pöpke, O., Turcer, E., Menzel, H.M., (1998).** Dioxinexposition beim Schneidbrennen, Schweißen und Hartlöten. *Arbeitsmed, Sozialmed, Umweltmed* 24, 28–34.
- Domingo, J.L., Granero, S., Schuhmacher, M., Llobet, J.M., Suenderhauf, W., Mueller, L., (1998).** Vegetation as a biomonitor of PCDD/PCDFs in the vicinity of a municipal solid waste incinerator. *Organohalogen Compounds* 33, 157–160.
- Funcke, W., Mayer, J., Dresch, H., Mark, F., (1998).** PCDF/D Emission from a municipal solid waste incinerator during co-combustion of automotive shredder residues. *Organohalogen Compounds* 36, 171–174.
- Gass, H.C., Jäger, E., Menke, D., Lüder, K., (1998).** Long Term Study of Minimization of the PCDD/PCDF-Emission of a Municipal Solid Waste Incinerator in Germany. *Organohalogen Compounds* 34,
- Menzel, H.M., Bolm-Audorff, U., Turcer, E., Bienfait, H.G., Albracht, G., Walter, D., Emmel, C., Knecht, U., Pöpke, O., (1998).** Occupational exposure to dioxins by thermal oxygen cutting, welding, and soldering of metals. *Environmental Health Perspectives* 106 (2), 715–722.
- Müller, L., Tabrizi, P., Jäger, E., Neugebauer, F., (1998).** Identification of PCDD/PCDF and PCB in ambient air by using moss and kale as biomonitors. *Organohalogen Compounds* 33.
- Schuhmacher, M., Domingo, J.L., Llobet, J.M., Müller, L., Sünderhauf, W., Jäger, J., (1998).** Baseline levels of PCDD/Fs in vegetation samples collected in the vicinity of a new hazardous waste incinerator in Catalonia, Spain. *Chemosphere* 36 (12), 2581–2591.

Schuhmacher, M., Domingo, J.L., Llobet, J.M., Sünderhauf, W., Müller, L., (1998). Temporal variation of PCDD/F concentrations in vegetation samples collected in the vicinity of a municipal waste incinerator (1996–1997). *Science of The Total Environment* 218 (2–3), 175–183.

Effkemann, S., Brødsgaard, S., Mortensen, P., Linde, S.A., Karst, U., (1999). Determination of gas phase peroxyacetic acid using petroleum derivatization with organic sulfide reagents and liquid chromatography. *Journal of Chromatography* 855 (2), 551–561.

Fromme, H., Otto, T., Pilz, K., Neugebauer, F., (1999). Levels of synthetic musks; bromocyclene and PCBs in eel (*Anguilla anguilla*) and PCBs in sediment samples from some waters of Berlin/Germany. *Chemosphere* 39 (10), 1723–1735.

Gass, H.C., Neugebauer, F., (1999). Change of PCDD/PCDF profiles in the wet scrubber system of a fluidized-bed incinerator used for municipal solid waste. *Organohalogen Compounds* 43.

Gonzalez, C.A., Kogevinas, M., Gadea, E., Huici, A., Bosch, A., Bleda, M.J., Ergo, O.P., Pöpke, O., (1999). Biomonitoring study of people living near or working at a municipal solid waste incinerator, before and after two years of functioning. *Archives of Environmental Health: An International Journal* 55 (4), 259–267.

Mayer, J., Rentschler, W., Szech, J., (1999). Long-Term Monitoring of Dioxin Emissions of a Hazardous Waste Incinerator during Lowered Incineration Temperature. *Organohalogen Compounds* 41, 239–242.

Müller, L., Neugebauer, F., Fromme, H., (1999). Levels of coplanar and non-coplanar polychlorinated biphenyls (PCB) in eel and sediment samples from Berlin/Germany. *Organohalogen Compounds* 42.

Xie, Y., Zhou, H. (Joe), Bhangu, R. S., Li, B.Y., (1999). Chemical Species. *Water Environment Research* 71 (5), 519–530.

Becker, E., Reinmann, J., Rentschler, W., Mayer, J., (2000). Continuous Monitoring of the Dioxin-/Furan-Emission of all Waste Incinerators in Belgium. *Organohalogen Compounds* 49s, 21–23.

Christensen, C.S., Brødsgaard, S., Mortensen, P., Egmose, K., Linde, S.A., (2000). Determination of hydrogen peroxide in work place air: Interferences and method validation. *Journal of Environmental Monitoring* 2 (4), 339–343.

Couthinho, M., Rodrigues, R., Düwel, U., Pöpke, O., Borrego, C., Schröder, H., (2000). The DG ENV European dioxin emission inventory – Stage II: Characterization of the emissions of 2 hospital waste incinerators and a steel mill plant in Portugal. *Organohalogen Compounds* 46, 287–290.

Gass, H.C., Sünderhauf, W., Rotard, W., Jager, J., (2000). Secondary analysis of dioxin emission data of a municipal solid waste incinerator. *Organohalogen Compounds* 46, 154–157.

Goñi-Urriza, M., Pineau, L., Capdepuy, M., Roques, C., Caumette, P., Quentin, C., (2000). Antimicrobial resistance of mesophilic *Aeromonas* spp. isolated from two European rivers. *Journal of Antimicrobial Chemotherapy* 46 (2), 297–301.

Luthardt, P., Schulte, J., (2000). Dioxin-/Furan-“Verbrennungsprofil” in Abgasen aus Hochtemperaturprozessen. *Umweltwissenschaften und Schadstoff-Forschung* 12 (3), 157–162.

Luthardt, P., Schulte, J., Perrin, C., Vasse, L., (2000). Note sur les caractéristiques des profils de dioxines et furannes émis dans les gaz de combustion d usines d incinération d ordures ménagers. *Déchets* 19, 37–39.

Mayer, J., Linnemann, H., Becker, E., Rentschler, W., Jockel, W., Wilbring, P., Gerchel, B., (2000). Certification of a long-term sampling system for PCDFs and PCDDs in the flue gas from industrial facilities. *Chemosphere* 40 (9–11), 1025–1027.

Schuhmacher, M., Granero, S., Rivera, J., Müller, L., Llobet, J.M., Domingo, J.L., (2000). Atmospheric deposition of PCDD/Fs near an old municipal waste incinerator: Levels in soil and vegetation. *Chemosphere* 40 (6), 593–600.

2001 – 2010

Gass, H.C., Kolenda, J., Sünderhauf, W., (2001). Comparison of European EN 1948 and German VDI 3499/2E Emission sampling Methods for PCDD/F on a Municipal Solid Waste Incinerator. *Organohalogen Compounds* 50, 464–467.

Gaus, C., Pöpke, O., Dennison, N., Haynes, D., Shaw, G.R., Connell, D.W., Müller, J.F., (2001). Evidence for the presence of a widespread PCDD source in coastal sediments and soils from Queensland, Australia. *Chemosphere* 43 (4–7), 549–558.

Luthardt, P., Schulte, J., Strickeling, M., (2001). Tributylzinn auf dem Weg zu den Top of the POPs?. *Umweltwissenschaften und Schadstoff-Forschung* 13 (6), 347–352.

Martin, Y.L., (2001). Detection of Added Beet or Cane Sugar in Maple Syrup by the Site-Specific Deuterium Nuclear Magnetic Resonance (SNIF-NMR®) Method: Collaborative Study. *Journal of AOAC International* 85 (5), 1509–1521.

Mayer, J., Grumping, R., (2001). Continuous Monitoring of Dioxin Emissions from a Waste Wood Combustion Plant. *Organohalogen Compounds* 59, 81–83.

Mayer, J., Manske, E., (2001). Validation of a stack sampling method according to EN 1948 for PCDD/F and other semi-volatile organic compounds. *Organohalogen Compounds* 59, 85–88.

Müller, J.F., Gaus, C., Prange, J., Pöpke, O., Poon, K.F., Lam, M.H., Lam, P.K., (2001). PCDD/Fs in sediments from the Mai Po marshes nature reserve in Hong Kong. *Organohalogen Compounds* 51, 215–218.

Prange, J.A., Gaus, C., Pöpke, O., Connell, D.W., Müller, J.F., (2001). PCDDs in geologically old samples from Queensland (Australia). *Organohalogen Compounds* 50, 534–537.

Schecter, A., Pöpke, O., Prange, J., Constable, J.D., Matsuda, M., Thao, V.D., Piskac, A.L., (2001). Recent dioxin contamination from agent orange in residents of a southern Vietnam city. *Journal of Occupational & Environmental Medicine* 43 (5), 435–443.

Campanac, C., Pineau, L., Payard, A., Baziard-Mouysset, G., Roques, C., (2002). Interactions between Biocide Cationic Agents and Bacterial Biofilms. *Antimicrobial Agents and Chemotherapy* 46 (5), 1469–1474.

Domingo, J.L., Llobet, J.M., Agramunt, M.C., Schumacher, M., Gomez, M., Müller, L., (2002). Biological Monitoring of Organic Substances in Workers at a HWI of Catalonia Spain. *Organohalogen Compounds* 55, 263–266.

Fiedler, H., Chareonsong, P., Mayer, J., Hartenstein, H.U., (2002). PCDD/PCDF emissions from stationary sources – first results from Thailand. *Organohalogen Compounds* 59, 211–214.

Gass, H.C., Lüder, K., (2002). PCDD/F-Untersuchungen während des Anfahrbetriebes nach Kurz- und Langzeitrevisionen an einer thermischen Abfallverwertungsanlage. *Fachtagung Thermische Abfallbehandlung*, 20, 87–96.

Gass, H.C., Lüder, K., Wilken, M., (2002). PCDD/F-Emissions during cold start-up and shut-down of a Municipal Solid Waste Incinerator. *Organohalogen Compounds* 56, 193–196.

Juan, M., Llobet, J.M., Bocio, A., Domingo, J.L., Teixidó, A., Casas, C., Müller, L., (2002). Levels of PCDD/F in Food Samples from Catalonia. *Organohalogen Compounds* 57, 105–108.

Luthardt, P., (2002). Dioxin-Inventare. *WLB Wasser, Luft und Boden* 6, 60–62.

- Luthardt, P., Hartung, R., (2002).** Immissionen: Trefferquote im Gauß-Krüger-Messraster. *Gefahrstoffe Reinhaltung der Luft* 6, 285–286.
- Luthardt, P., Mayer, J., Fuchs, J., (2002).** Total TEQ emissions (PCDD/F and PCB) from industrial sources. *Chemosphere* 46 (9–10), 1303–1308.
- Luthardt, P., Dhaese, J., Hartung, R., Keymeulen, R., (2002).** Dioxin Emissions and Depositions at a Belgian Industrial Site. *Organohalogen Compounds* 57, 313–316.
- Luu-Duc, D., Pineau, L., Ducel, G., Demongolfier, R., Manquat, G., (2002).** Gestion du risque infectieux lié aux endoscopes: nécessité de prélèvements microbiologiques réguliers. *Hygiènes* 10 (6), 451–456.
- Marchetti, B., Pineau, L., (2002).** Infections à agents transmissibles conventionnels liées à l'endoscopie digestive. *Hygiènes* 10 (6), 379–387.
- Pineau, L., Desbuquois, C., Luu-Duc, D., Marchetti, B., (2002).** Détergence appliquée au traitement des endoscopes: importance et méthode d'évaluation. *Hygiènes* 10 (6), 425–429.
- Sünderhauf, W., Domingo, J.L., Llobet, J.M., Müller, L., (2002).** Levels of PCDD/F and some selected mono-, di- and non-ortho substituted PCB in mussels and fish from a Mediterranean coastal area influenced by chemical industry. *Organohalogen Compounds* 59, 33–36.
- Unger, T., (2002).** Les systèmes de traitement semi-automatiques des endoscopes Scope Maintenance Processor (Alkapharm). *Hygiènes* 10 (6), 442–443.
- Desbuquois, C., Pineau, L., (2003).** Procédure de nettoyage/désinfection par la méthode vapeur Sanivap. *Hygiènes* 11, 4356–357.
- Gass, H.C., Wilken, M., Lüder, K., (2003).** Optimization of the start-up procedures in a Municipal Waste Incinerator-Impact on the emissions of dioxins and related compounds. *Organohalogen Compounds* 63, 25–28.
- Heininger, P., Claus, E., Neugebauer, F., Müller, L., (2003).** Correlation between the Flood Level of the River Elbe (Germany) and the PCDD/F-Concentration of the Transported Solid Matter. *Organohalogen Compounds* 61, 458–461.
- Llobet, J.M., Bocio, A., Domingo, J.L., Teixido, A., Casas, C., Müller, L., (2003).** Levels of Polychlorinated Biphenyls in Foods from Catalonia, Spain: Estimated Dietary Intake. *Journal of Food Protection* 66 (3), 479–484.
- Llobet, J.M., Domingo, J.L., Bocio, A., Casas, C., Teixidó, A., Müller, L., (2003).** Human exposure to dioxins through the diet in Catalonia, Spain: Carcinogenic and non-carcinogenic risk. *Chemosphere* 50 (9), 1193–1200.
- Prange, J.A., Gaus, C., Weber, R., Pöpke, O., Müller, J.F. (2003).** Are forest fires a source of PCDD/Fs in Queensland; Australia. *Organohalogen Compounds* 63, 130–133.
- Prange, J.A., Gaus, C., Weber, R., Pöpke, O., Müller, J.F., (2003).** Assessing Forest Fires as a Potential PCDD/F Source in Queensland, Australia. *Environmental Science & Technology* 37 (19), 4325–4329.
- Schecter, A., Pöpke, O., Pavuk, M., Tung, K.C., (2003).** Dioxins and dibenzofurans in sediment from Agent Orange sprayed and not sprayed areas in Laos and Vietnam as well as from European countries and the USA. *Organohalogen Compounds* 64, 262–265.
- Schecter, A., Quynh, H.T., Pavuc, M., Pöpke, O., Malisch, R., Constable, J.D., (2003).** New Findings of Dioxins, Dibenzofurans, PCBs, DDT/DDE, HCB, and HCH in food from a TCDD contaminated area and a comparison area. *Organohalogen Compounds* 64, 231–234.

Vizard, C., Pless-Mulloli, T., Air, V., Rimmer, D., Singleton, I., Schilling, B., Pöpke, O., (2003). Identifying PCDD/F sources in soil in an industrial, urban setting: Toxicity equivalents, congeners patterns and historic land-use. *Organohalogen Compounds* 62, 456–459.

Dahlgren, J., Schecter, A., Phillips, D.H., Hewer, A., Takhar, H., Pöpke, O., Warshaw, R., (2004). Biomonitoring for creosote and pentachlorophenol in nearby residents of a wood treatment plant. *Organohalogen Compounds* 66, 2504–2508.

Gass, H.C., Suenderhauf, W., Lueder, K., Wilken, M., (2004). Comparison of Dioxins and Related Compounds in the Emission During the Start-up Procedures at a Municipal Waste Incinerator. *Organohalogen Compounds* 66, 935–940.

Ha, D.T., Tuan, M.A., Viet, N.Q., Sau, T.K., Pöpke, O., Sanh, N.T., (2004). Biodegradation of 2,3,7,8-TCDD by Anaerobic and Aerobic Microcosms Collected from Bioremediation Treatments for Cleaning up Dioxin Contaminated Soil. *Organohalogen Compounds* 66, 3695–3701.

Hamm, S., Maulshagen, A., Petersen, M., Fengler, S., Seel, P., (2004). Polybrominated diphenyl ethers in sewage sludge and effluents of sewage plants from a Central Region of Germany. *Organohalogen Compounds* 66.

Khan, N., Inam, A., Mueller, J., Herrmann, T., Pöpke, O., (2004). Determination of Dioxins, dioxin-like PCBs and Flame Retardants (PBDEs) in Sediments Collected in Pakistan. *Organohalogen Compounds* 66, 1420–1425.

Sjödin, A., Pöpke, O., McGahee III, E., (2004). Concentration of Polybrominated Diphenyl Ethers (PBDEs) in House Hold Dust from Various Countries - Inhalation a Potential Route of Human Exposure. *Organohalogen Compounds* 66, 3817–3822.

Luu Dus, D., Pineau, L., Desbuquois, C., (2004). L'endoscope flexible stérilisable, une réalité. *Hygiène* 12 (1), 71–72.

Berg, M., Rogers, R., Muralla, R., Meinke, D., (2005). Requirement of aminoacyl-tRNA synthetases for gametogenesis and embryo development in Arabidopsis. *The Plant Journal* 44 (5), 866–78.

Gass, H.C., Charles, W., Wolfgang, S., Jana, M., Shulte, J., (2005). Dioxin emission after failure in activated carbon injection at a steel plant. *Organohalogen Compounds* 67, 2265–2267.

Joshi, B.D., Berg, M., Rogers, J., Fletcher, J., Melcher, U., (2005). Sequence comparisons of plasmids pBJS-O of *Spiroplasma citri* and pSKU146 of *S. kunkelii*: implications for plasmid evolution. *BMC Genomics* 6 (175), 11.

Li, Y., George, E.J., (2005). Analysis of Perchlorate in Water by Reversed-Phase LC/MS/MS Using an Internal Standard Technique. *Analytical Chemistry* 77 (14), 4453–4458.

Marchetti, B., Pineau, L., (2005). Risque infectieux exogène en endoscopie digestive. *Revue Francophone des Laboratoires* 376, 67–73.

Pineau, L., (2005). Comment mettre en œuvre la surveillance de la qualité en désinfection: Audits et contrôles microbiologiques. *Acta Endoscopica* 35 (2), 559–561.

Pineau, L., La Scola, B., Desjeux, A., (2005). Maitrise de la qualité microbiologique des endoscopes: évaluation sur site de l'intérêt d'une armoire de séchage/stockage des endoscopes. *Endoscopy* 37 (3), 287.

Schecter, A., Pöpke, O., Tung, K.C., Joseph, J., Harris, T.R., Dahlgren, J., (2005). Polybrominated Diphenyl Ether (PBDE) Flame Retardants in the US population: Current levels, temporal trends, and comparison with dioxins, dibenzofurans and polychlorinated biphenyls. *Journal of Occupational & Environmental Medicine* 47 (3), 199–211.

- Schecter, A., Quynh, H.T., Pöpke, O., Harris, T.R., Musumba, A., Constable, J.D., (2006).** Levels of 2, 3, 7, 8-TCDD in blood from agent orange sprayed locations in Vietnam. *Brominated Compounds - Human exposure* 68, 2173–2176.
- Schecter, A., Quynh, H.T., Pöpke, O., Tung, K.C., Constable, J.D., (2006).** Agent orange, dioxins and other chemicals of concern in Vietnam: Update 2005. *Journal of Occupational & Environmental Medicine* 48 (4), 408–413.
- Sjödin, A., Pöpke, O., Focant, J.F., Jones, R.S., Pless-Mulloli, T., Toms, L.M., Hermann, T., Mueller, J., Needham, L.L., Patterson, D.G., (2006).** Concentration of Polybrominated Diphenyl Ethers (PBDEs) in Household Dust from Various Countries – Is Dust a Major Source of Human Exposure?. *Brominated Compounds - Human exposure* 68, 2181–2185.
- Stuer-Lauridsen, F., Kjølholt, J., Høiby, L., Hinge-Christensen, S., Ingerslev, F., Hansen, M., Andersen Krogh, K., Andersen, H.R., Halling-Sørensen, B., Hansen, N., Køppen, B., (2005).** Survey of estrogenic activity in the Danish aquatic environment. *Danish Ministry of the Environmental Project* 977, 1–170.
- Gass, H.C., Kolenda, J., Sünderhauf, W., (2006).** Comparison of PCDD/F, PCB and PAH in flue gas: Clean gas and stack emission in dependence of post combustion temperature at a municipal waste incinerator. *Organohalogen Compounds* 68, 1228–1231.
- Li, Y., George, Ed J., (2006).** Reversed-Phase Liquid Chromatography/Electrospray Ionization/Tandem Mass Spectrometry for Analysis of Perchlorate in Water. *Journal Chromatography A* 1133, 215–220.
- Li, Y., George, J.E., McCarty, C.L., Wendelken, S.C., (2006).** Compliance Analysis of Phenylurea and Related Compounds in Drinking Water by Liquid Chromatography/Electrospray Ionization/Mass Spectrometry Coupled with Solid-Phase Extraction. *Journal Chromatography A* 1134, 170–176.
- Weber, R., Behnisch, P.A., Brouwer, A., van Bavel, B., Lindstroem, G., Zennegg, M., Schilling, B., Pöpke, O., (2006).** Contemporary relevance of dioxin and dioxin-like compound contaminations in residues from recycling of HCH waste. *Organohalogen Compounds* 68, 905–910.
- Fiedler, H., Mangwiro, A., Hovemann, A., Moudachirou, M., Ahilihan, F., Morakpai, C., (2007).** Concentrations of unintentional POPs in soils and ashes from Benin, Africa. *Organohalogen Compounds* 69, 311–314.
- Götz, R., Bauer, O.H., Friesel, P., Herrmann, T., Jantzen, E., Kutzke, M., Lauer, R., Pöpke, O., Roch, K., Rohweder, U., Schwartz, R., (2007).** Vertical profile of PCDD/Fs, dioxin-like PCBs, other PCBs, PAHs, chlorobenzenes, DDX, organotin compounds and chlorinated ethers in dated sediment/soil cores from flood-plains of the river Elbe, Germany. *Chemosphere* 67 (3), 592–603.
- Grümping, R., Opel, M., Petersen, M., (2007).** Occurrence of perfluorinated chemicals (PFCs) in the sewage system of a large German city. *Organohalogen Compounds* 69, 2896–2899.
- Li, Y., George, J.E., McCarty, C.L., Wendelken, S.C., (2007).** Online In Situ Analysis of Selected Semi-volatile Organic Compounds in Water by Automated Microscale Solid-Phase Extraction with Large-Volume Injection/Gas Chromatography/Mass Spectrometry. *Journal Chromatography A* 1176, 223–230.
- Pineau, L., Desbuquois, C., Luu-Duc, D., Marchetti, B., (2007).** La désinfection par la vapeur: efficacité microbiologique. *Hygiène* 15 (4), 305–311.
- Schecter, A., (2007).** Vietnam and agent orange / Dioxin research: Vietnamese and US collaborations, 1968–2007. *Organohalogen Compounds* 69, 888–891.
- Streater, S., Schecter, A., Harris, R., Pöpke, O., Shah, N., (2007).** Environmental Health Education: A Fort Worth, Texas, Case Study. *Organohalogen Compounds* 69, 2599–2602.

- Davis, II, W.E., Li, Y., (2008).** Analysis of Hydrazine in Drinking Water by Isotope Dilution Gas Chromatography/Tandem Mass Spectrometry with Derivatization and Liquid-Liquid Extraction. *Analytical Chemistry* 80 (14), 5449–5453.
- Gerhard, V., Carla, K., Frank, N., (2008).** Remediation of PCBs in building: Unsatisfying results as an effect of insufficient evaluation and planning. *Organohalogen Compounds* 70, 1341–1344.
- Pineau, L., Desbuquois, C., Marchetti, B., Luu Duc, D., (2008).** Comparison of the fixative properties of five disinfectant solutions. *Journal of Hospital Infection* 68 (2), 171–177.
- Pineau, L., Villard, E., Luu Duc, D., Marchetti, B., (2008).** Endoscope drying/storage cabinet: interest and Efficacy. *Journal of Hospital Infection* 68 (1), 59–65.
- Sjödin, A., Päpke, O., McGahee, E., Focant, J.F., Jones, R.S., Pless-Mullooli, T., Toms, L.M.L., Herrmann, T., Müller, J., Needham, L.L., Patterson Jr, D.G., (2008).** Concentration of polybrominated diphenyl ethers (PBDEs) in household dust from various countries. *Chemosphere* 73 (1), 131–136.
- Volkmer G., Klenk C., Neugebauer F., (2008).** Unsatisfying results as an effect of insufficient evaluation and planning. *Organohalogen Compounds* 70, 1341–1344.
- Li, Y., Whitaker, J.S., McCarty, C.L., (2009).** New Advances in Large-Volume Injection Gas Chromatography-Mass Spectrometry (Review Article). *Journal of Liquid Chromatography & Related Technologies* 32, 1644–1671.
- Petersen, M., Opel, M., Neugebauer, F., Päpke, O., (2009).** Perfluorinated compounds in sewage sludge samples from Germany, collected in 2009. *Organohalogen Compounds* 71, 2110–2112.
- Schecter, A., Needham, L., Pavuk, M., Michalek, J., Colacino, J., Ryan, J., Päpke, O., Birnbaum, L., (2009).** Response to “Agent Orange exposure, Vietnam War veterans, and the risk of prostate cancer”. *Cancer* 114 (4), 3369–3371.
- Schecter, A., Shah, N., Colacino, J.A., Brummitt, S.I., Ramakrishnan, V., Harris, T.R., Päpke, O., (2009).** PBDEs in US and German clothes dryer lint: A potential source of indoor contamination and exposure. *Organohalogen Compounds* 75 (5), 623–628.
- Descroix, A., Bec, A., Bourdier, G., Sargos, D., Sauvanet, J., Misson, B., Desvilettes, C., (2010).** Fatty acids as biomarkers to indicate main carbon sources of four major invertebrate families in a large River (the Allier, France). *Fundamental and Applied Limnology, Archiv für Hydrobiologie* 177, 39–55.
- Desbuquois, C., Richard, M., Khammo, N., McDonnell, G., Pineau, L., (2010).** Artificial test soils for cleaning efficacy studies: an evaluation. *Zentralsterilisation - Central Service* 18 (1), 19–35.
- Neugebauer, F., Päpke, O., Petersen, M., Opel, M., (2010).** 24 POPs - Comprehensive Analysis of all Stockholm Convention and Candidate POPs in Cod Liver and Salmon. *Organohalogen Compounds* 72, 1135–1138.
- von der Trenck, K.T., Behnisch, P.A., Brouwer, A., Kotz, A., Malisch, R., Bitomsky, N., Neugebauer, F., Päpke, O., Schmidt, D., (2010).** 40 Years of POPs Monitoring with Peregrine Falcon Eggs in Baden-Wuerttemberg/Germany: Recent Results. *Organohalogen Compounds* 72, 1150–1153.

2011 – 2020

- Camino-Sánchez, FJ, Zafra-Gómez, A, Ruiz-García, J, Bermúdez-Peinado, R, Ballesteros, O, Navalon, A, Vílchez, JL, (2011).** UNE-EN ISO/IEC 17025:2005 accredited method for the determination of 121 pesticide residues in fruits and vegetables by gas chromatography–tandem mass spectrometry. *Journal of Food Composition and Analysis* 24 (3), 427–440.

- Li, Y., Whitaker, J.S., McCarty, C.L., (2011).** Reversed-Phase Liquid Chromatography/Electrospray Ionization/Mass Spectrometry with Isotope Dilution for the Analysis of Nitrate and Nitrite in Water. *Journal Chromatography A* 1218 (3), 476–483.
- Duc, D.L., Ducel, G.G., Perrissin, M.H., Ah-Dip, C., Ballocchi, B., Pineau, L., Marchetti, B., Manquat, G., (2012).** Intérêt de la mise en place d'un système de management de la qualité pour la désinfection des endoscopes non autoclavables. *HYGIÈNES - 2012 - Volume XX - n° 2: 51-62. Hygiènes* 20 (2), 51–62.
- Fliedner, A., Rüdell, H., Jüriling, H., Müller, J., Neugebauer, F., Schröter-Kermani, C., (2012).** Levels and trends of industrial chemicals (PCBs, PFCs, PBDEs) in archived herring gull eggs from German coastal regions. *Environmental Sciences Europe* 24 (7), 2190–4715.
- Li, Y., Whitaker, J.S., McCarty, C.L., (2012).** Analysis of Iodinated Haloacetic Acids in Drinking Water by Reversed-Phase Liquid Chromatography/Electrospray Ionization/Tandem Mass Spectrometry with Large Volume Direct Aqueous Injection. *Journal Chromatography A* 1245, 75–82.
- Neugebauer, F., Ast, C., Pöpke, O., Soehler, J., (2012).** The total PCB-task: a comprehensive HRGC-HRMS method for analysis of all 209 PCB congeners in refined fish oils. *Organohalogen Compounds* 74, 28–31.
- Roques, C., Pineau, L., Florentin, A., (2012).** Automated room surface disinfection: Proposals for an international standard. *European Infectious Disease* 6 (2), 94–97.
- Temme, C., Neugebauer, F., Selke, S., Pöpke, O., (2012).** PBDE and PBB in various fish, fish oil and environmental samples of 2010 and 2011. *Organohalogen Compounds* 74, 224–227.
- Gaus, C., Grant, S., Jin, L., Goot, K., Chen, L., Villa, C.A., Qi, L., Neugebauer, F., Limpus, C., (2013).** Contaminant Exposure of Mass Stranded Green Sea Turtles in an Industrial Area off the Great Barrier Reef, Australia. *Organohalogen Compounds* 75, 1129–1132.
- Grandval, P., Hautefeuille, G., Marchetti, B., Pineau, L., Laugier, R., (2013).** Evaluation of a storage cabinet for heat-sensitive endoscopes in a clinical setting. *Journal of Hospital Infection* 84 (1), 71–76.
- Neugebauer, F., Ast, C., Pöpke, O., Soehler, J., (2013).** Congener Group Distribution and Overall Pattern of PCB in Fat of Different Fish and Marine Organisms. *Organohalogen Compounds* 75, 1062–1065.
- Pöpke, O., Neugebauer, F., Schecter, A., Gaus, C., Hermanussen, S., Matthews, V., Strid, A., (2013).** Occurrence of PBDEs in Fish Collected In and Around Europe, USA and Australia. *Organohalogen Compounds* 75, 190–191.
- Pineau, L., De Philippe, E., (2013).** Evaluation of endoscope cleanliness after reprocessing: a clinical-use study. *Zentralsterilisation - Central Service* 1, 22–27.
- Renau, E., Ferrer, M.C., Donato, J., Solís, I., Ferrer, C., Lázaro, M., Rodríguez, G., (2013).** Prevención de legionelosis en playas mediante la cuantificación rápida de Legionella spp. *Tecnoaqua* 13.
- Sather, M.E., Mukerjee, S., Smith, L., Mathew, J., Jackson, C., Callison, R., Scrapper, L., Hathcoat, A., Adam, J., Keese, D., Ketcher, P., (2013).** Gaseous oxidized mercury dry deposition measurements in the Four Corners area and Eastern Oklahoma, U.S.A. *Atmospheric Pollution Research* 4 (2), 168–180.
- Sauvanet, J., Bourdier, G., Jouve, L., Bec, A., Desvillettes, C., (2013).** Feeding of pike larvae (*Esox lucius* L.) in an alluvial river backwater: Fatty acid as markers of two organic matter flows. Fundamental and Applied Limnology, *Archiv für Hydrobiologie* 183, 337–350.
- Sauvanet, J., Bourdier, G., Colombet, J., Viallefont, A., Lemarchand, C., Desvillettes, C., (2013).** Estimating *Esox lucius* (Esocidae, Esociformes) density and populations structure in a large european alluvial river: The Allier (France). *Journal of Ichthyology* 53 (8), 617–627.

Ast C., Neugebauer F., Lohmann N., Pöpke, O., (2014). Hydroxy-PAHs in Human Urine Samples. *Organohalogen Compounds* 76, 1517–1520.

Bausá, J., Ballester, S., Tormos, I., (2014). Detección de Radón en aguas de consumo por centello líquido. *Retema* 174, 84–87.

Boix, C., Ibáñez, M., Sancho, J.V., Rambla, J., Aranda, J.L., Ballester, S., Hernández, F., (2014). Fast determination of 40 drugs in water using direct sample injection liquid chromatography-tandem mass spectrometry. *Talanta* 131, 719–727.

Borrás-Beltrán, M., Fra-Vázquez, A., Chacón-Jesús, L., Zaragoza-Meseguer, J.A., Berlanga-Clavijo, J.G., Miguel-Seisdedos, D., Tortajada-Martinez, E., Mosquera-Corral, A., Solis-Andrés, I., Javier, R.D., Siro, C.M., (2014). Estudios de determinación de biomasa desnitrificante mediante FISH en sistema anóxico de lecho móvil. *aguasresiduales.info*.

Dreyer, A., Neugebauer, F., Neuhaus, T., Selke, S., (2014). Emission of Perfluoroalkyl Substances (PFASs) From Textiles. *Organohalogen Compounds* 76, 1211–1213.

Lohmann N., Rolle S., Koschorreck J., Pöpke, O., (2014). Predicting the Quality Status of German River Waters by Environmental Specimen Banking: First Experiences Concerning PCDD/Fs, DL-PCBs, and Hexachlorobenzene in Bream. *Organohalogen Compounds* 76, 1545–1548.

Neugebauer, F., Ast, C., Pöpke, O., Soehler, J., (2014). PCBs in Colouring Agents? Contamination and Patterns in Selected Samples. *Organohalogen Compounds* 76, 1214–1217.

Oppl, R., (2014). New European VOC emissions testing method. CEN/TS 16516 and CE marking of construction products. *Gefahrstoffe - Reinhaltung der Luft* 74 (3), 62-68

Roberson, J.A., Eaton, A., (2014). Retrospective analysis of mandated national occurrence monitoring and regulatory decision-making. *Journal of the American Water Works Association* 106 (3), 116–128.

Rosen, J.S., Whelton, A.J., McGuire, M.J., Clancy, J.L., Bartrand, T., Eaton, A., Patterson, J., Dourson, M., Nance, P., Adams, C., (2014). The crude MCHM chemical spill in Charleston, W.Va. (PDF). *Journal of the American Water Works Association* 106 (9), 65–74.

Vanderford, B.J., Drewes, J.E., Eaton, A., Guo, Y.C., Haghani, A., Hoppe-Jones, C., Schluesener, M.P., Snyder, S.A., Ternes, T., Wood, C.J., (2014). Results of an interlaboratory comparison of analytical methods for contaminants of emerging concern in water. *Analytical Chemistry* 86 (1), 774–782.

Vijayasarathy, S., Weijs, L., Neugebauer, F., Meager, J., Gaus, C., (2014). Persistent organic pollutants in Humpback Dolphins from Nearshore and Estuarine Environments in Queensland, Australia. *Organohalogen Compounds* 76, 488–491.

Wagner, M., Scherer, C., Alvarez-Muñoz, D., Brennholt, N., Bourrain, X., Buchinger, S., Fries, E., Grosbois, C., Klasmeier, J., Marti, T., Rodriguez-Mozaz, S., (2014). Microplastics in freshwater ecosystems: what we know and what we need to know. *Environmental Sciences Europe* 26 (1), 1–9.

Alfredo, K., Stanford, B., Roberson, J.A., Eaton, A., (2015). Chlorate Challenges for Water Systems. *Journal of the American Water Works Association* 107 (4), 187–196.

Camino-Sánchez, FJ, Bermúdez-Peinado, R, Zafra-Gómez, A, Ruíz-García, J, Vilchez-Quero, JL, (2015). Determination of trichloroanisole and trichlorophenol in wineries' ambient air by passive sampling and thermal desorption-gas chromatography coupled to tandem mass spectrometry. *Journal of Chromatography A* 1380 (6), 11-16.

Eaton, A., Shannon, R., Morley, K., (2015). Radionuclide rule compliance: Utility guidance on analytical methods. *American Water Works Association*.

Kraft M., Sievering S., Lohmann N., Rauchfuss K., (2015). Concentrations of 209 PCB Congeners in Human Blood Samples from Individuals Exposed to PCB via Indoor Air. *Organohalogen Compounds* 77, 105–108.

Ripollés, A.A., Solís, I., Ferrer, C., Jiménez, M., Roríguez, G., (2015). Sistema de detección y cuantificación on line de *Legionella* viable en aguas. *Tecnoaqua* (11), 76–81.

Rodríguez-Cea, A., Rodríguez-González, P., Cardona, N.F., Mares, J.L.A., Nebot, S.B., Alonso, J.I.G., (2015). Determination of ultratrace levels of Tributyltin in waters by isotope dilution and gas chromatography coupled to tandem mass spectrometry. *Journal of Chromatography A* 1425, 265–272.

Schecter A., Haffner D., Colacino J., Patel K., Pöpke, O., Opel M., Birnbaum L., (2015). Polybrominated Diphenyl Ethers (PBDEs) and Hexabromocyclododecane (HBCDD) in Fish of German Waters: A Study in the Context of the EU Water Framework Directive. *Organohalogen Compounds* 77, 538–541.

Shanley, J.B., Engle, M.A., Scholl, M., Krabbenhoft, D.P., Brunette, R., Olson, M.L., Conroy, M.E., (2015). High Mercury Wet Deposition at a “Clean Air” Site in Puerto Rico. *Environmental Science & Technology* 49 (20), 12474–12482.

Bachmann, H.J., Bucheli, T.D., Dieguez-Alonso, A., Fabbri, D., Knicker, H., Schmidt, H.P., Ulbricht, A., Becker, R., Buscaroli, A., Buerge, D., Cross, A., (2016). Toward the Standardization of Biochar Analysis: The COST Action TD1107 Interlaboratory Comparison. *Journal of Agricultural and Food Chemistry* 64 (2), 513–527.

Le Cohu, R., Barthès, A., Leflaive, J., Ten-Hage, L., (2016). *Germainiella clandestina* sp. nov. (Bacillariophyta), a new species in a little known diatom genus. *Fottea, Olomouc* 16 (2), 184–188

Neugebauer, F., Pöpke, O., Soehler, J., (2016). Novel GC Separation Characteristics for 209 PCB Congeners - The HT8-PCB Column Revisited. *Organohalogen Compounds* 78, 940–943.

Neugebauer, F., Schröter-Kermani, C., Pöpke, O., Stegemann, D., Steeg, W., (2016). Analytical Experiences Within The German Environmental Specimen Bank: Time Trends Of Pcd/F And D1-Pcb In Bream (*Abramis Brama*) Caught In German Rivers. *Environmental Pollution* 216, 866–876.

Rosado, A., Hernandez, P.S., Ruiz, S.T., (2016). Analisis de Biogas, nunca un control fue tan facil. *Retema*, 84–90.

Santen, M., Brigden, K., Wang, M., Chen, L.Y., Neugebauer, F., Kafadaroglu, B., Dreyer, A., (2016). Air Sampling for Per- and Polyfluorinated Chemicals (PFCs) in Stores Selling 'Outdoor' Equipment. *Organohalogen Compounds* 78, 76–80.

Susan-cathrin, L., Neugebauer, F., (2016). Hydrogen as Carrier Gas for the Analysis of Polychlorinated Dioxins and Furans (PCDD/Fs) by GC-MS/MS in Food and Feed Samples. *Organohalogen Compounds* 78, 981–985.

Zuriaga-Agustí, J.G.E., Berlang, I., Pastor, C.I., Martínez, G., Silvestr, J., Claros, C., García, J.L., Aranda, I., Solís, M., Abellán., Simón, P., (2016). Gestión mancomunada de lodos y purines mediante co-digestión anaerobia combinada con cavitación y ozonización. *aguasresiduales.info*.

Ágoston, C., (2017). Az avarégetés hatásai a levegőminőségre. *Zöld Ipar Magazin* (7), 33.

Ágoston, C., (2017). A beltéri levegő vizsgálata. *Zöld Ipar Magazin* (7), 35.

Agersnap, S., Larsen, W.B., Knudsen, S.W., Strand, D., Thomsen, P.F., Hesselsøe, M., Mortensen, P.B., Vrålstad, T., Møller, P.R., (2017). Monitoring of noble, signal and narrow-clawed crayfish using environmental DNA from freshwater samples. *PLOS One* 12 (6), e0179261.

Beilenhoff, U., Biering, H., Blum, R., Brljak, J., Cimbro, M., Dumonceau, J.M., Hassan, C., Jung, M., Neumann, C., Pietsch, M., Pineau, L., Ponchon, T., Rejchrt, S., Rey, J.F., Schmidt, V., Tillett, J., Hoof, T., (2017). The first detection of *Microcystis* in the North Sea. *Journal of Great Lakes Research* 43, 1–10.

J.V., (2017). ESGE-ESGENA technical specification for process validation and routine testing of endoscope reprocessing in washer-disinfectors according to EN ISO 15883, parts 1, 4, and ISO/TS 15883-5. *Endoscopy* 49 (12), 1262–1275.

Beilenhoff, U., Biering, H., Blum, R., Brljak, J., Cimbro, M., Dumonceau, J.M., Hassan, C., Jung, M., Neumann, C., Pietsch, M., Pineau, L., Ponchon, T., Rejchrt, S., Rey, J.F., Schmidt, V., Tillett, J., Hooft, J.V., (2017). Prevention of multidrug-resistant infections from contaminated duodenoscopes: Position Statement of the European Society of Gastrointestinal Endoscopy (ESGE) and European Society of Gastroenterology Nurses and Associates (ESGENA). *Endoscopy* 49 (11), 1098–1106.

Bruce, M., Raynie, D.E., (2017). Managing Heterogeneity with Incremental Sampling Methodology. *LCGC Europe* 35 (11), 792–800.

Bannochie, C.J., Fellingner, T.L., Garcia-Strickland, P., Shah, H.B., Jain, V., Wilmarth, W.R., (2017). Mercury in aqueous tank waste at the Savannah River Site: Facts, forms, and impacts. *Separation Science and Technology* 13, 1–3.

Neugebauer, F., Dreyer, A., Lohmann, N., Koschorreck, J., (2017). Determination of Halogenated Flame Retardants by GC-API-MS/MS and GC-EI-MS: a Multi-Compound Multi-Matrix Method. *Analytical and Bioanalytical Chemistry* 410 (4), 1375–1387

Rosado, A., Ruiz, S.T., (2017). Analysis of asbestos in water using FT-IR and optical microscopy. *Futureenviro*,

Schecter A., Haffner D., Colacino J., Patel K., Pöpke, O., Opel M., Birnbaum L., (2017). Polybrominated Diphenyl Ethers (PBDEs) and Hexabromocyclododecane (HBCD) in marine and freshwater biota samples from the German Environmental Specimen Bank. *Organohalogen Compounds* 79, 504–507.

Ágoston, C., (2018). A zöldrehabilitáció-égetés hatásai a levegőminőségre. *Zöld Ipar Magazin* (8), 32–33.

Anett, L., (2018). A Legionella baktériumok jelenléte, előfordulása épített vizes környezetben. *Hidrológiai Közlöny* 98, 43–46.

Anett, L., (2018). A Széchenyi fürdő mikrobiológiai vizsgálata. *Hidrológiai Közlöny* 98, 47.

Anett, L., (2018). Akkreditált helyszíni Legionella vizsgálat. *Zöld Ipar Magazin* 8, 39.

Anett, L., (2018). Mennyire biztonságos közvetlen környezetünk légtere?. *Zöld Ipar Magazin*.

Caraco, E.F., Andrés, I.S., (2018). Proyecto REMEB: reutilización de agua mediante membranas cerámicas low-cost implementadas en un MBR. *Tecnoaqua* 34.

Dreyer, A., Neugebauer, F., Rüdél, H., Klein, R., Lohmann, N., Rauert, C., Koschorreck, J., (2018). Halogenated flame retardants in tree samples applied as bioindicators for atmospheric pollution. *Chemosphere* 208, 233–240.

Dreyer, A., Neugebauer, F., Rüdél, H., Paulus, M., Lohmann, N., Rauert, C., Koschorreck, J., (2018). Halogenated flame retardants in biota samples from the German North- and Baltic Sea. *Organohalogen Compounds* 80, 525–528.

Fliedner, A., Rüdél, H., Knopf, B., Lohmann, N., Paulus, M., Jud, M., Pirntke, U., Koschorreck, J., (2018). Assessment of seafood contamination under the marine strategy framework directive: contributions of the German environmental specimen bank. *Environmental Science and Pollution Research* 25 (27), 26939–26956.

Fliedner, A., Rüdél, H., Lohmann, N., Buchmeier, G., Koschorreck, J., (2018). Biota monitoring under the Water Framework Directive: On tissue choice and fish species selection. *Environmental Pollution* 235, 129–140.

Gonzalez, S.C., Gomez, D.R., Merino, I.F., Lopez, L.Q., Carreras, N.B., Castell, M.T.V., Villanueva, J.L.M., Fernandez, C.S., (2018). A simple national intercomparison of radon in water. *Radiation Protection Dosimetry*.

Lohmann, N., Neugebauer, F., Dreyer, A., Ruedel, H., Teubner, D., Koschorreck, J., (2018). Emerging Flame Retardants and Legacy POPs in Bream and Other Limnic Samples of the German Environmental Specimen Bank. *Organohalogen Compounds* 80, 581–584.

López-Rodríguez, N., Luzón-Ortega, J. M., López-Rodríguez, M.J. and Tierno de Figueroa, J. M., (2018). A trophic approach to the study of the coexistence of several macroinvertebrate predators in a seasonal stream. *Vie et Milieu – Life and Environment* 68 (4), 263-270.

Neugebauer, F., Dreyer, A., Lohmann, N., Koschorreck, J., (2018). Analysis of Dechloranes and Emerging Brominated Flame Retardants with a Multi-Compound Multi-Matrix Method and GC-API-MS/MS. *Organohalogen Compounds* 80, 521–524.

Pollex, A., Zeng, T., Khalsa, J., Erler, U., Schmersahl, R., Schön, C., Kuptz, D., Lenz, V., Nelles, M., (2018). Content of potassium and other aerosol forming elements in commercially available wood pellet batches. *Fuel* 232, 384–394.

Šuštaršič, M., (2018). Development of encapsulated biocidal agent for the control of microorganisms in papermaking. *Papir: revija Društva inženirjev in tehnikov papirništva* 46 (20), 36–39.

Burrows, R., Grams, N., Davis, J., Bull, L., (2019). When Matrix Matters: A Case Study in Dirty Water and Clean Method Detection Limits." In *Detection Limits in Air Quality and Environmental Measurements. ASTM International*.

Dreyer, A., Neugebauer, F., Lohmann, N., Rüdell, H., Teubner, D., Grotti, M., Rauert, C., Koschorreck, J., (2019). Recent findings of halogenated flame retardants (HFR) in the German and Polar environment. *Environmental Pollution* 253, 850–863.

Hajjar, J., Pineau, L., Boulestreau, H., (2019). Endoscopes: de la désinfection à la stérilisation et l'usage unique?. *Hygiènes* 27 (3), 107–110.

Herzig, R., Lohmann, N., Meier, R., (2019). Temporal change of the accumulation of persistent organic pollutants (POPs) and polycyclic aromatic hydrocarbons (PAHs) in lichens in Switzerland between 1995 and 2014. *Environmental Science and Pollution Research* 26 (11), 10562–10575.

Dahme, H.U., (2020). Analytische Herausforderungen im Bereich PFAS und Praxisanwendungen. *ITVA Altlastensymposium Berlin 2020*, 36–35.

Dahme, H.U., (2020). Die Analytik von PFAS im Umweltkompatimenten: Eine Standortbestimmung. *Handbuch Altlastensanierung und Flächenmanagement* (89).

de Wit, C.A., Bossi, R., Dietz, R., Dreyer, A., Faxneld, S., Garbus, S.E., Hellström, P., Koschorreck, J., Lohmann, N., Roos, A., Sellström, U., (2020). Organohalogen compounds of emerging concern in key Baltic Sea biota species. *Environment International* 144.

Fernández Moreno, D, Luís, AT, Vidakovic, D, Levkov, Z, Sánchez Castillo, PM, (2020). *Pinnularia baetica* sp. nov. (Bacillariophyceae): Comparison with other panduriform species in the Mediterranean area. *PHYTOTAXA* 435 (2), 15.

Kampf, B., Pineau, L., Martiny, H., (2020). Does sterile reprocessing of thermolabile flexible endoscopes in endoscope washer-disinfectors increase the safety margin? *Zentralsterilization* 28 (5), 1–5.

Kosel, J., Šuštaršič, M., Petkovšek, M., Zupanc, M., Sežun, M., Dular, M., (2020). Application of (super)cavitation for the recycling of process waters in paper producing industry. *Ultrasonics Sonochemistry* 64,

Lippai, A., Farkas, R., Szuróczi, S., Szabó, A., Felföldi, T., Toumi, M., Tóth, E., (2020). Microbiological investigations of two thermal baths in Budapest Hungary. Report: effect of bathing and pool operation type of water quality. *Journal of Water and Health* 18 (6).

Marshall, D.L., Bois, F., Jensen, S.K., Linde, S.A., Higby, R., Rémy-McCort, Y., Murray, S., Dieckelman, B., Sudrajat, F., Martin, G.G., (2020). Sentinel Coronavirus environmental monitoring can contribute to detecting asymptomatic SARS-CoV-2 virus spreaders and can verify effectiveness of workplace COVID-19 controls. *Microbial Risk Analysis* 16, 100137.

Nicolas, A., Blöcher, G., Kluge, C., Li, Z., Hofmann, H., Pei, L., Milsch, H., Fortin, J., Guéguen, Y., (2020). Pore pressure migration in microcracked andesite recorded with fibre optic sensors. *Geomechanics for Energy and the Environment* 24, 100183.

Nicolas, A., Lévy, L., Sissmann, O., Li, Z., Fortin, J., Gibert, B., Sigmundsson, F., (2020). Influence of hydrothermal alteration on the elastic behaviour and failure of heat-treated andesite from Guadeloupe. *Geophysical Journal International* 223 (3), 2038–2053.

Pineau, L., (2020). Antimicrobial Test Methods in the European Union. Block's Disinfection, *Sterilization, and Preservation, 6th edition* 63, 1269–1277.

Rosado, A., Font Cardona, N., (2020). Addressing the challenges of microplastic characterisation using thermal desorption (EN). *Markes international*.

Weber, D.J., Pineau L., Bolton J.R., (2020). Proposed Standard for Ultraviolet-Based High-Level Disinfection of Medical Devices. *UV solution* 2.

2021 –

Aranda Mares, J.L., Ferrer Caraco, E., Zuriaga Agustí, E., Zamorano López, N., García Tirado, R., Pérez Hernández, C., Pastor Carbonell, I., Abellán Soler, M., (2021). Proyecto Life Amia: combinación de tecnologías innovadoras para la reutilización de agua. *Tecnoaqua* 51.

Maceda-Veiga, A., Albacete, S., Flor-Arnau, N., Vieira, C., Bros, V., Domènech, M., Bayona, J.M., Pujade-Villar, J., Sabater, F., Mac Nally, R., (2021). Local and downstream cumulative effects of traditional meadow management on stream-water quality and multiple riparian taxa (EN). *Science of The Total Environment* 794 (10).

Sanz, A.R., Rivas, L.I.R., Salvador, V.Z., Caraco, E.F., Egaña, I.C. (2021). Microplásticos: su toxicidad y valores alerta pendientes de establecer. *Tecnoaqua* 50, 46–52.

Wright, J., Symons, B., Angell, J., Ross, K.E., Walker, S. (2021). Current practices underestimate environmental exposures to methamphetamine: inhalation exposures are important. *Journal of Exposure Science and Environmental Epidemiology* 31, 45–52.

Dahme HU. (2022). Bewertungsschwierigkeiten der PFAS-Belastungssituation und deren Auswirkungen auf den Wirkungspfad Boden-Grundwasser. *altlasten spektrum* 6 (2022), 161-168.

Dahme HU. (2022). PFAS: Eine Substanzgruppe, die zunehmend in Rechtsvorschriften zu finden ist und dennoch für die Gesamtbewertung von Schadensfällen schwierig bleibt. *Handbuch Altlastensanierung und Flächenmanagement* 92. Aktualisierung (3. Auflage), 1-25.

Göckener, B, Lange, FT, Lesmeister, L, Gökçe, E, Dahme, HU, Bandow, N, Biegel-Engler, A. (2022). Digging deep—implementation, standardisation and interpretation of a total oxidisable precursor (TOP) assay within the regulatory context of per- and polyfluoroalkyl substances (PFASs) in soil. *Environmental Sciences Europe* 34 (52).

Kotar, S., McNeish R., Murphy-Hagan, C., Renick, V., Lee, C-F. T., Steele, C., Lusher, A., Moore, C., Minor, E., Schroeder, J., Helm, P., Rickabaugh, K., De Frond, H., Gesulga, K., Lao, W., Munno, K.,

Thornton Hampton, L. M., Weisberg, S. B., Wong, C. S., Amarpuri, G., Andrews, R. C., Barnett, S.M., Christiansen, S., Cowger, W., Crampond, K., Du, F., Gray, A.B., Hankett, J., Ho, K., Jaeger, J., Lilley, C., Mai, L., Mina, O., Lee, E., Primpke, S., Singh, S., Skovly, J., Slifko, T., Sukumaran, S., van Bavel, B., Van Brocklin, J., Vollnhals, F., Wu, C., Rochman, C.M. (2022). Quantitative assessment of visual microscopy as a tool for microplastic research: Recommendations for improving methods and reporting. *Chemosphere* 308, 136449.

López-Rodríguez, MJ, Alba-Tercedor, J, Galiana-García, M, Larios-López, JE, Sainz-Cantero Caparrós, CE, Tierno de Figueroa, JM, Villar-Argaiz, M, Zamora-Muñoz, C, (2022). Aquatic Animal Communities of Watercourses from Sierra Nevada (In: *The Landscape of the Sierra Nevada: A Unique Laboratory of Global Processes in Spain*). Springer, Cham

Samandra, S., Johnston, J.M., Jaeger, J.E., Symons, B., Xie, S., Currell, M., Ellis, A.V., Clarke, B.O. (2022). Microplastic contamination of an unconfined groundwater aquifer in Victoria, Australia. *Science of The Total Environment* 802, 149727.

Samandra, S., Mescall, O.J., Plaisted, K., Symons, B., Xie, S., Ellis, A.V., Clarke, B.O., (2022). Assessing exposure of the Australian population to microplastics through bottled water consumption. *Science of the Total Environment* 837, 155329.

Hansen, L. V., Rasmussen, I. H., Jensen, S. K. S., Ejegod, D. M., Nørgaard, L., (2023). Eurofins Covid-19 Sentinel™ Wastewater Test Provides Early Warning of COVID-19. *European Society of Medicine* 11 (6), 1-10.

Leite Madeira, C., D'Anna Acayaba, R., Sarracini Santos, V., E.L. Villa, J., Jacinto-Hernandez, C., Teixeira Azevedo, J.A., Oliveira Elias, V. and Montagner, C.C., (2023). Uncovering the impact of agricultural activities and urbanization on rivers from the Piracicaba, Capivari, and Jundiá basin in São Paulo, Brazil: A survey of pesticides, hormones, pharmaceuticals, industrial chemicals, and PFAS. *Science Direct - Chemosphere* (22), 10.

Luzón-Ortega, J. M., Vannucchi, P. E., López-Rodríguez, M.J., Fochetti, R. and Tierno de Figueroa, J. M. (2023). What does molecular data and vibrational communication tell us on the taxonomy of the genus *Tyrrhenoleuctra* Consiglio, 1957 (Plecoptera, Leuctridae) in Spain?. *Zootaxa* 5315 (4), 329-338.

Medon B, Pautler BG, Sweett A, Roberts J, Risacher FF, D'Agostino LA, Conder J, Gauthier JR, Mabury SA, Patterson A, McIsaac P, Mitzel R, Hakimabadi SG, Pham AL. (2023). A field-validated equilibrium passive sampler for the monitoring of per- and polyfluoroalkyl substances (PFAS) in sediment pore water and surface water. *Environmental Science: Processes & Impacts* 25 (5), 980-995.

Svgruha, R., Prikler, B., Farkas, A., Ács, A., Fodor, I., Tapolczai, K., Schmidt, J., Bordós, G. (2023). Presence, variation, and potential ecological impact of microplastics in the largest shallow lake of Central Europe. *Science of The Total Environment* 883, 63537.

Samandra, S., Singh, J., Plaisted, K., Mescall, O.J., Symons, B., Xie, S., Ellis, A.V., Clarke, B.O., (2023). Quantifying environmental emissions of microplastics from urban rivers in Melbourne, Australia. *Marine Pollution Bulletin* 189, 114709.

Wu, D., Lim, B.X.H., Seah, I., Xie, S., Jaeger, J.E., Symons, B., Heffernan, A.L., Curren, E.E.M., Leong, S.C.Y., Riau, A.K., Lim, D.K.A., Stapleton, F., Ali, M.J., Singh, S., Tong, L., Mehta, J.S., Su, X., Lim, C.H.L., (2023). Impact of Microplastics on the Ocular Surface. *International Journal of Molecular Sciences* 24, 3928.

Dahme HU, Küchler, F. (2024). TOP-Assay: Überprüfung der Robustheit und Durchführung einer Ringuntersuchung zur Quantifizierung von TOP-Assay in Bodeneluat für den Wirkungspfad Boden-Grundwasser. *Umweltbundesamt – Texte* (4/2024).

Ghanadi, M., Joshi, I., Dharmasiri, N., Jaeger, J.E., Burke, M., Bebelman, C., Symons, B., Padhye, L.P., (2024). Quantification and characterization of microplastics in coastal Environments: Insights from laser direct infrared imaging. *Science of the Total Environment* 912, 168835.

FOOD AND FEED TESTING

1980 – 1990

Martin, G.J., Martin, M.L., (1981). Deuterium labelling at the natural abundance level as studied by high field quantitative ²H NMR. *Tetrahedron Letters* 22 (36), 3525–3528.

Martin, G.J., Zhang, B.L., Naulet, N., Martin, M.L., (1986). Deuterium Transfer in the Bioconversion of Glucose to Ethanol Studied by Specific Isotope Labeling at the Natural Abundance Level. *The Journal of the American Chemical Society* 108 (17), 5116–5122.

Martin, G.J., Martin, M.L., (1990). Deuterium NMR in the Study of site- specific Natural Isotope Fractionation (SNIF-NMR). *Springer Link* 23, 01–61.

1991 – 2000

Martin, G., Remaud, G., Martin, G.J., (1993). Isotopic methods for control of natural flavours authenticity. *Flavour and Fragrance Journal* 8 (2), 97–107.

Popp, W., Hamm, S., Vahrenholz, C., Balfanz, E., Kraus, R., Theisen, J., Schell, C., Norpoth, K., (1993). Increased liver enzyme values in workers exposed to polychlorinated naphthalenes. *Organohalogen Compounds* 13, 225–225.

Päpke, O., Ball, M., Lis, A., (1994). PCDD/PCDF in Humans – A 1993 Update of Background Data. *Chemosphere* 29 (9–11), 2355–2360.

Popp, W., Hamm, S., Vahrenholz, C., Balfanz, E., Kraus, R., Theisen, J., Schell, C., Norpoth, K., (1994). Liver dysfunction in workers exposed to polychlorinated naphthalenes. *Comptes rendus de l'Académie bulgare des Sciences Tome 47* 4, 117–120.

Specht, W., Pelz, S., Gilsbach, W., (1995). Gas-chromatography determination of pesticide residues after clean-up by gel-permeation chromatography and mini-silica gel-column chromatography. *Fresenius' Journal of Analytical Chemistry* 353 (2), 183–190.

Zhang, B.L., Lees, M., Martin, G.J., (1995). Stable Isotope Fractionation in Fruit Juice Concentrates: Application to the Authentication of Grape and Orange Products. *Journal of Agricultural and Food Chemistry* 43 (9), 2411–2417.

Martin, G.G., Hanote, V., Lees, M., Martin, Y.L., (1996). Interpretation of combined SNIF-NMR and ¹³C SIRA MS analyses of fruit juices to detect added sugar. *Journal of AOAC International* 79 (1), 62–72.

Martin, G.G., Wood, R., Martin, G.J., (1996). Detection of Added Beet Sugar in Concentrated and Single Strength Fruit Juices by Deuterium Nuclear Magnetic Resonance (SNIF-NMR1 Method): *Collaborative Study*. *Journal of AOAC International* 79 (4), 917–928.

Jamin, E., Gonzalez, T., Bengoechea, I., Kerneur, G., Remaud, G., Naulet, N., Martin, G.G., (1997). Measurement of ¹³C/²CRatios of Sugars, Malic Acid, and Citric Acid as Authenticity Probes of Citrus Juices and Concentrates. *Journal of AOAC International* 81 (3), 604–609.

Jamin, E., Gonzalez, J., Remaud, G., Naulet, N., Martin, G.G., Weber, D., Rossmann, A., Schmidt, H.L., (1997). Improved detection of sugar addition to apple juices and concentrates using internal standard. *Analytical Chimica Acta* 347 (3), 359–368.

Jung, D., Becher, H., Edler, L., Flesch-Janys, D., Gurn, P., Konietzko, J., Manz, A., Päpke, O., (1997). Elimination of β-Hexachlorocyclohexane in Occupationally exposed Persons. *Journal of Toxicology and Environmental Health, Part A* 51 (1), 23–34.

Masuda, Y., Kuroki, H., Haraguchi, K., Schecter, A., Pöpke, O., (1997). The condition of PCBs and PCDFs in the blood of Yusho patients 20 years after the onset. *Fukuoka Acta medica* 88 (5), 149–156.

Pöpke, O., (1997). Determination of PCDD/Fs in Human Blood, A Fast and Sensitive Method. *Organohalogen Compounds* 31, 212–214.

Pöpke, O., Ball, M., Lis, A., Wuthe, J., (1997). PCDD/PCDFs in humans, follow up of background data für Germany. *Organohalogen Compounds* 33, 530–534.

Popp, W., Norpoth, K., Vahrenholz, C., Hamm, S., Balfanz, E., Theisen, J., (1997). Polychlorinated Naphthalene Exposures and Liver Function Changes. *American Journal of Industrial Medicine* 32 (4), 413–416.

Remaud, G.S., Martin, Y.L., Martin, G.G., Martin, G.J., (1997). Detection of Sophisticated Adulterations of Natural Vanilla Flavors and Extracts: Application of the SNIF-NMR Method to Vanillin and p-Hydroxybenzaldehyde. *Journal of Agriculture and Food Chemistry* 45 (3), 859–866."

Rohde, S., Moser, G.A., Pöpke, O., McLachlan, S.M., (1997). Fecal Clearance of PCDD/Fs in Occupationally Exposed Persons. *Organohalogen Compounds* 33, 408–413.

Schecter, A., Pöpke, O., Isaac, J., Hrimat, N., Neiroukh, F., Safi, J., El-Nahhal, Y., (1997). 2, 3, 7, 8-Chlorine substituted dioxin and dibenzofuran congeners in 2, 4-D, 2, 4, 5-T and pentachlorophenol. *Organohalogen Compounds* 32, 51–55.

Schecter, A., Pöpke, O., Ryan, J.J., Fürst, P., Isaac, J., Hrimat, N.S., Neiroukh, F., Safi, J.M., El-Nahhal, Y., Haj, A.E., Avni, A., (1997). Dioxins, Dibenzofurans, and PCBs in Human Blood, Human Milk, and Food from Israel, the West Bank, and Gaza. *Organohalogen Compounds* 33, 457–461.

Schecter, A., Pöpke, O., Dellarco, M., (1997). Dioxin, Dibenzofuran, and PCB Congeners in Cooked and Uncooked Foods. *Organohalogen Compounds* 33, 462–466.

Schecter, A., Ryan, J., Pöpke, O., (1997). Dioxin and Dibenzofuran Levels in Blood and Adipose Tissue Following Occupational Exposures to Pentachlorophenol. *Organohalogen Compounds* 33, 467–472.

Schecter, A., Pöpke, O., Fürst, P., Ryan, J.J., (1997). Temporal changes in dioxin and dibenzofuran levels in general population human blood and milk from Germany and the United States. *Organohalogen Compounds* 33, 473–478.

Theisen, J., Hamm, S., Maulshagen, A., (1997). PCDF/D Contamination of foodstuffs affected by fumes from an accidental fire involving PVC. *Organohalogen Compounds* 32, 293–298.

Ziccardi, M., Rogers, W.J., Schecter, A.J., Pöpke, O., Denison, M.S., (1997). Direct Detection of Dioxins and Related Chemicals in Small Quantities of Human Serum Using a Recombinant Cell Bioassay. *Organohalogen Compounds* 31, 215–218.

Abraham, K., Pöpke, O., Gross, A., Kordonouri, O., Wiegand, S., Wahn, U., Helge, H., (1998). Time course of PCDD/PCDF/PCB concentrations in breast-feeding mothers and their infants. *Chemosphere* 37 (9–12), 1731–1741.

Brandt-Rauf P., Pöpke, O., Schecter A., (1998). Plasma epidermal growth factor receptor as a biomarker of dioxin exposure. *Organohalogen Compounds* 38, 83.

Jamin, E., Gonzalez, J., Bengoechea, I., Kerneur, G., Remaud, G., Iriondo, C., Martin, G.G., (1998). Proteins as intermolecular isotope reference for detection of adulteration of fruit juices. *Journal of Agricultural and Food Chemistry* 46 (12), 5118–5123.

Lees, M., (1998). Food Authenticity: Issues and methodologies. *Eurofins Scientific, Nantes, France.*

Lees, M., Martin, G., Holland, J., (1998). Fruit Juices, Nectars and Purées. *Food Authenticity: Issues and Methodologies*, 121–165.

Päpke, O., Ball, M., Lis, A., (1998). PCDD/PCDF: Human background data for Germany, a 10-year experience. *Environmental Health Perspectives* 106 (2), 723–731.

Schechter, A., Dai, L., Van Bao, T., Päpke, O., (1998). Semen and blood dioxin and dibenzofuran levels in Vietnamese and Americans. *Organohalogen Compounds* 38, 171–174.

Schechter, A., Little, R., Päpke, O., Gladen, B., Lukyanova, E., (1998). Dioxin, Dibenzofuran and Coplanar PCB Levels in Human Milk from Ukraine and the United States. *Organohalogen Compounds* 38, 21–24.

Schechter, A., Päpke, O., (1998). Dioxins, Dibenzofurans, and Coplanar and Marker PCBs in Blood of Persons Residing near a PCB Manufacturing Facility in the United States. *Organohalogen Compounds* 38, 175–178.

Schechter, A., Päpke, O., (1998). Elavation of Dioxin and Dibenzofuran Levels in Cooked Food. *Organohalogen Compounds* 38, 183–185.

Schechter, A., Ryan, J.J., Päpke, O., (1998). Decrease in levels and body burden of dioxins, dibenzofurans, PCBs, DDE, and HCB in blood and milk in a mother nursing twins over a thirty-eight month period. *Chemosphere* 37 (12), 1807–1816.

Schechter, A., Michalek, J., May, J., Päpke, O., (1998). Dioxins and Dibenzofuran Congeners in 2,4-Dichlorophenoxyacetic acid, 2,4,5-Trichlorophenoxyacetic acid, and Agent Orange. *Organohalogen Compounds* 36, 285–288.

Schechter, A., Startin, J., Wright, C., Kelly, M., Päpke, O., Lis, A., Ball, M., Olson, J.R., (1998). Congener-specific Levels of Dioxins and Dibenzofurans in U.S. Food and Estimated Daily Dioxin Toxic Equivalent Intake. *Environmental Health Perspectives* 102 (11), 962–966.

Smith, S., Schechter, A., Päpke, O., Do, T., Coulibaly, D., Brandt-Rauf, P., (1998). Quantitation of the extracellular domain of the epidermal growth factor receptor in the plasma of dioxin-exposed individuals. *American Journal of Industrial Medicine* 34 (1), 1–5.

Triebig, G., Werle, E., Päpke, O., Heim, G., Broding, C., Ludwig, H., (1998). Effects of Dioxins and Furans on Liver Enzymes, Lipid Parameters, and Thyroid Hormones in Former Thermal Metal Recycling Workers. *Environmental Health Perspectives* 106 (2), 697–700.

Wallace, D., Schechter, A., Päpke, O., (1998). Dioxins, Dibenzofurans, and PCB's in Meat Containing Baby Food. *Organohalogen Compounds* 38, 199–202.

Abraham, K., Päpke, O., Wahn, U., Helge, H., (1999). Changes of Biological Parameters in Breast-fed Infants due to PCDD/PCDF/PCB Background Exposure. *Organohalogen Compounds* 44, 59–60.

Geusau, A., Meixner, M., Sandermann, S., Tschachler, E., Stingl, G., Valic, E., Wolf, C., Rüdiger, H., Webb, R., Päpke, O., McLachlan, M., (1999). Fecal and Percutaneous Elimination of TCDD and Acceleration of Intestinal Excretion by Administration of Olestra. *Organohalogen Compounds* 44, 139–140.

Geusau, A., Tschachler, E., Meixner, M., Sandermann, S., Päpke, O., Wolf, C., Valic, E., Stingl, G., McLachlan, M., (1999). Olestra increases faecal excretion of 2,3,7,8-tetrachlorodibenzo-p-dioxin. *The Lancet* 354 (9186), 1266–1267.

González, J., Remaud, G., Jamin, E., Naulet, N., Martin, G.G., (1999). Specific natural isotope profile studied by isotope ratio mass spectrometry (SNIP– IRMS): ¹³C/¹²C ratios of fructose, glucose, and sucrose for improved detection of sugar addition to pineapple juices and concentrates. *Journal of Agricultural and Food Chemistry* 47 (6), 2316–2321.

Jung, D., Kraus, K., Maskow, L., Pöpke, O., Konietzko, J., (1999). Preventive measures and their consequences on uptake and health effects of polychlorinated dibenzodioxins and -furans (PCDD/F) in workers exposed during demolition of a former pesticide producing factory. *Organohalogen Compounds* 44, 157–159.

Manz, A., Pöpke, O., (1999). Secondary exposure of female partners by occupationally exposed workers to PCDD/Fs and β -HCH (home transfer). *Organohalogen Compounds* 44, 217–220.

Mamontova, E.A., Mamontov, A.A., Tarasova, E.N., Kolesnikov, S.I., Furst, P., Pöpke, O., Ryan, J.J., McLachlan, M.S., (1999). PCDD/Fs in human milk and blood samples from a contaminated region near Lake Baikal. *Organohalogen Compounds* 44, 37–40.

Pöpke, O., (1999). Background Contamination of Humans with Dioxins and Dioxin-like PCBs. *Organohalogen Compounds* 44, 5–8.

Pöpke, O., Herrmann, T.H., Schilling, B., (1999). PCDD/Fs in Humans, Follow up of Background Data for Germany 1988/99. *Organohalogen Compounds* 44, 221–224.

Royer, A., Gerard, C., Naulet, N., Lees, M., Martin, G.J., (1999). Stable isotope characterisation of olive oils. I – Compositional and carbon-13 profiles of fatty acids. *Journal of the American Oil Chemists' Society* 76 (3), 357–363.

Schecter, A., Dweik, H., Pöpke, O., Richter, E., (1999). Levels of Dioxins and Dibenzofurans found in various Environmental Sources of Contamination in Palestinian West Bank Territory. *Organohalogen Compounds* 44, 265–268.

Schecter, A., Cao Dai, L., Fischbach, L., Pöpke, O., (1999). Vietnamese dioxin blood and milk levels 1970–1999 and implications for future epidemiology studies. *Whole Genome Amplification* 44, 417–430.

Schecter, A., Grosheva, E.I., Pöpke, O., Ryan, J.J., Amirova, Z., Silver, A., (1999). Dioxins and Dibenzofurans in the Blood of Workers and Residents of Industrial Towns in the Irkutsk Region of Russian Siberia. *Organohalogen Compounds* 44, 243–246.

Schecter, A.J., Sheu, S.U., Birnbaum, L.S., DeVito, M.J., Denison, M.S., Pöpke, O., (1999). A comparison and discussion of two differing methods of measuring dioxin-like compounds: Gas chromatography-mass spectrometry and the CALUX bioassay – Implications for health studies. *Organohalogen Compounds* 40, 247–250.

Valic, E., Jahnm, O., Geusau, A., Stingl, G., Pöpke, O., Winker, N., Wolf, C., (1999). TCDD Intoxication of Vienna: Viewpoint of occupational medicine. *Organohalogen Compounds* 44, 283–284.

Abraham, K., Pöpke, O., Wahn, U., Helge, H., (2000). POP Accumulation in infants during breast-feeding. *Organohalogen Compounds* 48, 25–26.

Abraham, K., Pöpke, O., Wahn, U., Helge, H., (2000). No measurable changes of biological parameters in breast-fed infants due to POP background exposure. *Organohalogen Compounds* 48, 143–144.

Gaus, C., Pöpke, O., Brunskill, G.J., Müller, J.F., (2000). Historical PCDD/F Records In Dated Marine Sediment Cores From Queensland Australia. *Organohalogen Compounds* 46, 15–18.

Geusau, A., Schmaldienst, S., Pöpke, O., Stingl, G., Derfler, K., (2000). Lipidapheresis For 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Intoxication. *Organohalogen Compounds* 48, 62–63.

Jamin, E., Lees, M., Fuchs, G., Martin, G.G., (2000). Detection of added L-malic acid in apple and cherry juices – site-specific ^{13}C -IRMS method. *Fruit Processing* 10 (11), 434–436.

Pöpke, O., (2000). Lessons Learned On Performing More Than 15.000 Dioxin Analyses. *Organohalogen Compounds* 48, 115–119.

- Päpke, O., Tritscher, A., (2000).** Determination Of Polychlordibenzo-p-dioxins (PCDDs) And Polychlordibenzofurans (PCDFs) in Milk Powder and Infant Formula Produced In Brazil In 1998. *Organohalogen Compounds* 47, 292–389.
- Pless-Mulloli, T., Schilling, B., Päpke, O., Edwards, R., (2000).** PCDD/F Heavy metal contamination on footpaths having received incinerator ash and of soil in the vicinity of an incinerator. *Organohalogen Compounds* 46, 350–353.
- Schechter, A., Päpke, O., (2000).** Dioxin Levels in Milk and Blood From Germany and The USA. Are Dioxin Blood Levels Decreasing in Both Countries?. *Organohalogen Compounds* 48, 68–71.
- Schechter, A., Päpke, O., (2000).** Dioxin Levels In The Blood Of Cambodians Living Near The Agent Orange Sprayed Ho Chi Minh Trail and Non-Sprayed Areas Of Cambodia. *Organohalogen Compounds* 48, 71–74.
- Schechter, A., Little, R., Päpke, O., Gladen, B., Lukyanova, E., (2000).** Dioxin Levels in Vietnamese Suggest Current Contamination With TCDD From Agent Orange. *Organohalogen Compounds* 48, 31–33.
- Schechter, A., Rohr, W., Päpke, O., (2000).** Dioxin, dibenzofuran, pcb, other chlorinated organics, and lipid levels in the tissues of an embalmed 52 year old male 3 months after burial. *Organohalogen Compounds* 48, 75–78.
- Schröter-Kermani, C., Helm, D., Herrmann, T., Päpke, O., (2000).** The German Environmental Specimen Bank – application in trend monitoring of polybrominated diphenyl ethers in human blood. *Organohalogen Compounds* 47, 49–52.
- 2001 – 2010**
- Dahlgren, J., Schechter, A., Päpke, O., Pavuk, M., Warshaw, R., (2001).** Dioxin and Dibenzofuran congeners in Blood of neighbors of a wood treatment plant 25 years after ending Pentachlorophenol (PCP) use. *Organohalogen Compounds* 52, 310–314.
- Gaus, C., Päpke, O., Blanchard, W., Haynes, D., Connell, D.W., Müller, J.F., (2001).** Bioaccumulation and pathways of PCDDs in the lower trophic Marine System. *Organohalogen Compounds* 52, 95–99.
- Gaus, C., Weber, R., Connell, D.W., Brunskill, G., Prange, J.A., Päpke, O., Mueller, J.F., (2001).** Depositional Processes and their source implications from temporal PCDD Distributions in Queensland (Australia). *Organohalogen Compounds* 50, 346–349.
- Geusau, A., Tschachler, E., Meixner, M., Päpke, O., Stingl, G., McLachlan, M., (2001).** Cutaneous elimination of 2,3,7,8-tetrachlorodibenzo-p-dioxin. *British Journal of Dermatology* 145 (6), 938–943.
- Gock, E., Opel, M., Mayer, J., (2001).** Mechanical Activation of PCDD/PCDF-Containing Material. *Organohalogen Compounds* 54, 185–188.
- Hamm, S., Fuchs, J., Post, M., Grümping, R., Maulshagen, A., (2001).** Levels of PCDD/PCDFs and Dioxin-like PCBs in Irish Cows Milk. *Organohalogen Compounds* 51, 306–309.
- Hamm, S., Strickeling, M., Ranken, P.F., Rothenbacher, K.P., (2001).** Determination of polybrominated diphenyl ethers and PBDD/Fs during the recycling of high impact polystyrene containing decabromodiphenyl ether and antimony oxide. *Chemosphere* 44 (6), 1353–1360.
- Liem, D., Päpke, O., Wim Traag, T.W., Netherlands, B.A., (2001).** Harmonized quality criteria for chemical and bioassays Analyses of PCDDs/PCDFs in feed and food. Part 1: General considerations, GC/MS methods. *Organohalogen Compounds* 50, 53–58.
- Luthardt, P., Schulte, J., (2001).** PCDF Profiles in Emissions, Feeding Stuff and Food. *Organohalogen Compounds* 51, 230–234.

Luthardt, P., Schulte, J., Perrin, C., Vasse, L., (2001). Suivi permanent et mesures ponctuelles de dioxines et furanes sur des effluents gazeux d usines d incinération d ordures ménagères. *Déchets* 22, 17–20.

Müller, J.F., Prange, J., Gaus, C., Moore, M.R., Pöpke, O., (2001). Dioxin-like compounds in butter from Australia. *Organohalogen Compounds* 51, 380–383.

Müller, J.F., Prange, J., Gaus, C., Moore, M.R., Pöpke, O., (2001). Polychlorinated dibenzodioxins and dibenzofurans in butter from different states in Australia. *Environmental Science and Pollution Research* 8 (1), 7–10.

Pöpke, O., Bathe L., Bergman A., Furst P., Guvenius DM., Herrmann T., Norén K., (2001). Determination of PBDEs in Human Milk from the United States-Comparison of results from three Laboratories. *Organohalogen Compounds* 52, 197–200.

Pless-Mulloli, T., Schilling, B., Papke, O., Griffiths, N., Edwards, R., (2001). Transfer of PCDD/F and heavy metals from incinerator ash on footpaths in allotments into soil and eggs. *Organohalogen Compounds* 51, 48–52.

Schechter, A., Cramer, P., Boggess, K., Stanley, J., Pöpke, O., Olson, J., Silver, A., Schmitz, M., (2001). Intake of Dioxin and related compounds from food in the United States population. *Journal of Toxicology and Environmental Health, Part A* 63 (1), 101–118.

Schechter, A., Dai, L.C., Pöpke, O., Prange, J., Constable, J.D., Matsuda, M., Thao, V.D., Piskac, A., (2001). Dioxin Levels in Vietnamese people, food, and environmental samples: Evidence of current contamination with 2,3,7,8-TCDD from Agent Orange sprayed over 30 years ago. *Organohalogen Compounds* 52, 156–160.

Schechter, A., Fürst, P., Pöpke, O., Samedy, M., Piskac, A.L., (2001). Levels of Dioxin and Dibenzofuran congeners in Food and Blood from Cambodia. *Organohalogen Compounds* 52, 260–264.

Weiss, J., Pöpke, O., Bergman, Å., (2001). PCDDs/PCDFs and related contaminants in butter originating from 39 countries world wide. *Organohalogen Compounds* 51, 271–274.

Air, V., Pless-Mulloli, T., Schilling, B., Pöpke, O., Foster, K., (2002). Follow-up assesment of PCDD/PCDF in eggs from allotments in Newcastle Upon Tyne, England. *Organohalogen Compounds* 57, 237–240.

Coutinho, M., Calheiros, J.M., Borrego, C., Santos, R., Pöpke, O., (2002). PCDD/PCDF in human blood and breast milk in the Region of Oporto, Portugal. *Organohalogen Compounds* 55, 279–282.

Fürst, P., Pöpke, O., (2002). PCDDs, PCDFs and dioxin-like PCBs in human milk and blood from Germany. *Organohalogen Compounds* 55, 251–254.

Gaus, C., Brunskill, G.J., Connell, D.W., Prange, J., Müller, J.F., Pöpke, O., Weber, R., (2002). Transformation processes, pathways, and possible sources of distinctive polychlorinated dibenzo-p-dioxin signatures in sink environments. *Environmental Science & Technology* 36 (16), 3542–3549.

Gaus C., Prange JA., Connell DW., Brunskill G., Pöpke, O., Müller JF., Weber R., (2002). Transformation of Dioxins in environmental sinks – formation of the distinctive “Natural PCDD Signature”. *Organohalogen Compounds* 57, 463–466.

Gaus, C., Prange, J.A., Papke, O., Müller, J.F., Weber, R., (2002). Alternative hypothesis to natural PCDD formation. *Organohalogen Compounds* 59, 243–246.

Geusau, A., Pöpke, O., Abraham, K., (2002). Blood Kinetics in two Patients severely contaminated with 2,3,7,8-Tetrachlorodibenzo-p-Dioxin. *Organohalogen Compounds* 55, 297–298.

Geusau, A., Schmaldienst, S., Derfler, K., Pöpke, O., Abraham, K., (2002). Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: Kinetics and trials on enhance elimination in two patients. *Archives of Toxicology* 76 (5–6), 316–325.

Hamm, S., Rumé, N., Luthardt, P., Wampach, J., Grümping, R., (2002). Levels of PCDD/PCDFs in Luxemburgish Food of Animal Origin and in Mother s Milk. *Organohalogen Compounds* 57, 229–232.

Hoenicke, K., Borchert, O., Grüning, K., Simat, T.J., (2002). “Untypical Aging Off-Flavor” in Wine: Synthesis of Potential Degradation Compounds of Indole–3–acetic Acid and Kynurenine and Their Evaluation as Precursors of 2–Aminoacetophenone. *Science of the Total Environment* 50 (15), 4303–4309.

Luthardt, P., (2002). Dioxins: Now it’s time for action. *European Food & Drink Review* 2, 24–29.

Mamontova, E.A., Tarasova, E.N., Mamontov, A.A., Pöpke, O., (2002). PCDDs, PCDFs and PCBs levels on blood of the schelekhovo population, the Irkutsk region, Russia. *Organohalogen Compounds* 58, 281–284.

Masuda, Y., Haraguchi, K., Kono, S., Tsuji, H., Pöpke, O., (2002). Concentrations of Dioxins and related compounds and their Effects to biochemicals in Fukuoka Residents. *Organohalogen Compounds* 55, 267–270.

Müller, J.F., Gaus, C., Prange, J.A., Pöpke, O., Poon, K.F., Lam, M.H., Lam, P.K., (2002). Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in sediment from Hong Kong. *Marine Pollution Bulletin* 45 (1–2), 372–378.

Müller, J.F., Prange, J.A., Gaus, C., Heuermann, M., Hartkopp, S., Moore, M.R., Papke, O., Horsley, K., (2002). PCDD/Fs in a historic butter sample from Australia. *Organohalogen Compounds* 57, 233–236.

Oehme, M., Pöpke, O., Burkow, I.C., Foshaug, H., Müller-Beck, H., (2002). Level of PCDD/PCDF in marine mammal fat from the Chukotskiy Penninsula, Sibiris, from ca. 600 – 700 AD. *Organohalogen Compounds* 56, 445–448.

Pöpke, O., Fürst, P., (2002). Background Contamination of Humans with Dioxins, Dioxin-like PCBs and Other POPs. Persistent Organic Pollutants, *The Handbook of Environmental Chemistry* 3 (10), 271–295.

Perrin, C., Vasse, L., Luthardt, P., Schulte, J., (2002). Regulation and control of the emissions of PCDD/F in France. *Organohalogen Compounds* 59, 231–233.

Prange, J.A., Gaus, C., Pöpke, O., Weber, R., Müller, J.F., (2002). Vertical distribution of PCDD/Fs in forest soil from Queensland, Australia. *Organohalogen Compounds* 59, 251–254.

Prange, J.A., Cook, M., Pöpke, O., Müller, J.F., Weber, R., (2002). PCDD/Fs in the atmosphere and combusted material during a forest fire in Queensland, Australia. *Organohalogen Compounds* 59, 207–210.

Schecter, A., Dai, L.C., Pavuk, M., Pöpke, O., Constable, J.D., (2002). High level of dioxin contamination in Vietnamese from Agent Orange, three decades after the end of spraying. *Organohalogen Compounds* 55, 215–218."

Schecter, A., Pavuk, M., Pöpke, O., Ryan, J.J., (2002). Dioxins, Dibenzofurans, and Dioxin-like PCBs in Laotian Blood and Milk, 2001. *Organohalogen Compounds* 58, 313–316.

Schecter, A., Piskac, A.L., Grosheva, E.I., Matorova, N.I., Ryan, J.J., Fürst, P., Pöpke, O., Adibi, J., Pavuk, M., Silver, A., Ghaffar, S., (2002). Levels of dioxins and dibenzofurans in breast milk of women residing in two cities in the Irkutsk region of Russian Siberia compared with American levels. *Chemosphere* 47 (2), 157–164.

Schecter, A., Pavuk, M., Amirova, D.A., Grosheva, E.I., Pöpke, O., Ryan, J.J., Adibi, J., Piskac, A.L., (2002). Characterization of dioxin exposure in firefighters, residents and chemical workers in the Irkutsk Region of Russian Siberia. *Chemosphere* 47 (2), 147–156.

Schechter, A., Wallace, D., Pavuk, M., Piskac, A., Pöpke, O., (2002). Dioxins in commercial United States baby food. *Journal of Toxicology and Environmental Health, Part A* 35 (23), 1937–1943.

Schleicher, O., Jensen, A.A., Blinksbjerg, P., Thomsen, E., Schilling, B., (2002). Dioxin emissions from Biomass fired Energy Plants and other sources in Denmark. *Organohalogen Compounds* 56, 147–150.

Schwenk, M., Gabrio, T., Pöpke, O., Wallenhorst, T., (2002). Human Biomonitoring of PCB and PCDD/PCDF in Teachers working in a PCB – contaminated School. *Chemosphere* 47 (2), 229–233.

Yang, J.H., Schechter, A., Pöpke, O., (2002). PCDDs, PCDFs and dioxin-like PCBs in Blood from Korean Veterans who served in Vietnam in the early 1970s. *Organohalogen Compounds* 58, 321–324.

Weiss, J., Pöpke, O., Greyerz, E., Agostoni, C., Giovanni, M., Besana, R., Zetterström, R., (2002). PCDDs/PCDFs and PCBs in mothers milk, originated from Seveso, Milan and a Rural Lombardi Areain Italy. A pilot study. *Organohalogen Compounds* 58, 329–332.

Bonas, G., Zervou, M., Papaeoannou, T., Lees, M., (2003). Soft CRM': A new software for the certification of reference materials. *Accreditation and Quality Assurance* 8 (3), 101–107.

Bunge, M., Adrian, L., Kraus, A., Opel, M., Lorenz, W.G., Andreesen, J.R., Görisch, H., Lechner, U., (2003). Reductive dehalogenation of chlorinated dioxins by an anaerobic bacterium. *Nature* 421 (6921), 357–360.

Dahlgren, J., Schechter, A., Takhar, H., Pöpke, O., (2003). Photolysis of PBDEs in solvents by exposure to daylight in routine laboratory procedure. *Organohalogen Compounds* 63, 361–364.

Guiet, S., Robins, R.J., Lees, M., Billault, I., (2003). Quantitative 2H-NMR analysis of deuterium distribution in petroselenic acid isolated from parsley seed. *Phytochemistry* 64 (1), 227–233.

Hirner, A.V., Flassbeck, D., Gruemping, R., (2003). Organosilicon compounds in the environment. *An American Pharmaceutical Review Supplement (2nd Edition)*, 305–351.

Imai, T., Hamm, S., Rothenbacher, K.P., (2003). Comparison of the Recyclability of Flame-Retarded Plastics. *Environmental Science & Technology* 37 (1), 652–657.

Jacobs, M., Covaci, A., Mueller, J., Pöpke, O., (2003). Organohalogen Compounds in historic and present day Middle Eastern vegetable oils. *Organohalogen Compounds* 64, 63–66.

Jamin, E., Guérin, R., Rétif, M., Lees, M., Martin, G.J., (2003). Improved detection of added water in orange juice by simultaneous determination of the oxygen-18/Oxygen-16 isotope ratios of water and ethanol derived from sugars. *Journal of Agricultural and Food Chemistry* 51 (18), 5202–5206.

Lees, M., (2003). Food Authenticity and Traceability. *Woodhead Publishing*.

Lees, M., (2003). Traceability: Tracking, Tracing, Labelling. The role of food laboratories. New and emerging issues for Food Laboratories, Food Safety Authority Ireland. *Organohalogen Compounds*,

Lees, M., Pöpping, B., (2003). Part II: Authenticating and tracing particular foods: Meat and meat products. *Food Authenticity and Traceability*, 347–356.

Luthardt, P., Dhaese, J., Hovemann, A., Keymeulen, R., Opel, M., Reichel, K., (2003). PCDD/F Measurements in Emissions of a Belgian Sintering Plant – An Exemplary Look at the Uncertainty. *Organohalogen Compounds* 60, 142–145.

Luthardt, P., Kulaszka, W., Opel, M., (2003). Dioxin in Soil Samples of the Wroclaw and Olawa Region in Lower Silesia, Poland. *Organohalogen Compounds* 62, 428–431.

- Luthardt, P., Schulte, J., Perrin, C., Vasse, L., (2003).** Dioxines et furannes émis lors de processus à hautes températures. *Environment and Technique* 223, 33–41.
- Maulshagen, A., Hamm, S., Petersen, M., Elsholz, O., Fengler, S., Seel, P., (2003).** Analysis of Short-chain Chlorinated Paraffins (C10-C13) in German River Suspended Particulate Matter, Sewage Sludge and Industrial Sludge Samples. *Organohalogen Compounds* 62, 371–374.
- Müller, J.F., Jacobs, M.N., Covaci, A., Pöpke, O., (2003).** Organohalogen compounds in historic butter. *Organohalogen Compounds* 64, 203–206.
- Pöpke, O., Fürst, P., Malisch, R., Ryan, J.J., Schecter, A., (2003).** Dioxins in Vietnamese and in Vietnamese Environment: Early and recent investigations. *Organohalogen Compounds* 64, 227–230.
- Pless-Mulloli, T., Air, V., Schilling, B., Pöpke, O., (2003).** Environmental non-feed contributors to PCDD/PCDF in free-range allotment poultry eggs: Many questions and some answers. *Organohalogen Compounds* 63, 126–129.
- Schecter, A., Pavuk, M., Pöpke, O., Malisch, R., (2003).** Potassium dichromate and ethyl alcohol as blood preservatives for analysis of chlorinated organics. *Organohalogen Compounds* 60, 154–157.
- Schecter, A., Pavuk, M., Pöpke, O., McKey, J., (2003).** Temporal and age trends in dioxin levels in US adults and children. *Organohalogen Compounds* 64, 100–103.
- Schecter, A., Pavuk, M., Pöpke, O., Ryan, J.J., (2003).** Dioxins in Laotian blood and milk. *Organohalogen Compounds* 64, 262–265.
- Schecter, A., Pavuk, M., Pöpke, O., Ryan, J.J., Birnbaum, L., Rosen, R., (2003).** Congener specific measurement of polybrominated biphenyl ethers in 47 individual milk samples from nursing mothers in the USA. *Organohalogen Compounds* 61, 13–16.
- Schecter, A., Quynh, H.T., Pavuk, M., Pöpke, O., Malisch, R., Constable, J.D., (2003).** Food as a Source of Dioxins Exposure in Residents of Bien Hoa City, Vietnam. *Journal of Occupational & Environmental Medicine* 45 (8), 781–788.
- Tritscher, A., Stadler, R., Scanlan, F., Collingro, C., Pöpke, O., (2003).** Determination of polybrominated Diphenylethers in samples of raw cow's milk, fish and eggs. *Organohalogen Compounds* 61, 131–134.
- Tseng, C.H., Wang, N., Ma, K., (2003).** A Successful Story of an Internet-enabled NIR System. *NIR Proceeding* 2003.
- Behnisch, P.A., Hoogenboom, R., (2004).** Rapid methods for dioxins and dioxin-like PCBs in food and feeding stuffs: State of the art. *Organohalogen Compounds* 66, 668–676.
- Camin, F., Wietzerbin, K., Cortes, A.B., Haberhauer, G., Lees, M., Versini, G., (2004).** Application of multi-element stable isotope ratio analysis to the characterisation of French, Italian and Spanish cheeses. *Journal of Agricultural and Food Chemistry* 52 (21), 6592–6601.
- Chao, H.R., Wang, S.L., Lee, C.C., Yu, H.Y., Lu, Y.K., Pöpke, O., (2004).** Level of polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls (PCDD/Fs, PCBs) in human milk and input to infant body burden. *Food and Chemical Toxicology* 42 (8), 1299–1308.
- Fauhl, C., Wittkowski, R., Lofthouse, J., Hird, S., Brereton, P., Versini, G., Lees, M., Guillou, C., (2004).** Gas Chromatographic/Mass Spectrometric Determination of 3-Methoxy-1,2-Propanediol and Cyclic Diglycerols, By-Products of Technical Glycerol, in Wine: Interlaboratory Study. *Journal of AOAC International* 87 (5), 1179–1188.
- Gaus, C., O'Donohue, M., Connell, D., Mueller, J., Haynes, D., Pöpke, O., (2004).** Exposure and Potential Risks of Dioxins to the Marine Mammal Dugong. *Organohalogen Compounds* 66, 1559–1566.

- Gruemping, R., Hamm, S., Stegemann, D., Maulshagen, A., (2004).** Levels of Polychlorinated Dibenzo(p)dioxins, Dibenzofurans and Dioxin-like PCBs in Irish Farmed Salmon. *Organohalogen Compounds* 66, 1977–1984.
- Harden, F., Mueller, J.F., Toms, L.M., Gaus, C., Moore, M., Pöpke, O., Ryan, J.J., Hobson, P., (2004).** Determination of the Levels of Dioxin in the Australian Population by Analysis of Blood Serum. *Organohalogen Compounds* 66, 2853–2858.
- Harden, F., Mueller, J.F., Toms, L.M., Moore, M., Burniston, D., Symons, R., Ahokas, J., Fuerst, P., Pöpke, O., (2004).** Determination of the Levels of Dioxin and Dioxin-like components in the Australian population by Analysis of pooled human breast milk. *Organohalogen Compounds* 66, 2847–2852.
- Herrmann, T., Collingro, C., Pöpke, O., (2004).** PCDDs/PCDFs and PCBs in mothers milk, originated from Seveso, Milan and a Rural Lombardi Area in Italy. A Pilot study. *Organohalogen Compounds* 66, 2122–2126.
- Johns, M., Werth, D., Kamerud, J., Baganoff, M., Snow, M., Brooks, C., Zabrecky, J., Bowsher, R., Sailstad, J., (2004).** Recommendations for Demonstrating Equivalency of Ready to Assay Cells in Neutralizing Antibody (NAb) Methods Post-Validation. *American Association of Pharmaceutical Scientists Conference* 66, 1899–1904.
- Hermanussen, S., Gaus, C., Limpus, C.J., Pöpke, O., Blanshard, W., Connell, D., (2004).** Evaluating Spatial Patterns of Dioxins in Sediments to Determine Potential Implications for Marine Reptiles. *Organohalogen Compounds* 66, 1861–1867.
- Hoenicke, K., Gatermann, R., Harder, W., Hartig, L., (2004).** Analysis of acrylamide in different foodstuffs using liquid chromatography–tandem mass spectrometry and gas chromatography–tandem mass spectrometry. *Analytical Chimica Acta* 520 (1–2), 207–215.
- Hölscher, K., Maulshagen, A., Behnisch, P.A., Shirkhan, H., Lieck, G., (2004).** Automated Rapid Analysis for Dioxins and PCBs in Food, Feedingstuff and Environmental Matrices. *Organohalogen Compounds* 66, 1–9.
- Ingelido, A.M., Di Domenico, A., Ballard, T., De Felip, E., Dellatte, E., Ferri, F., Fulgenzi, A., Herrmann, T., Iacovella, N., Miniero, R., Pöpke, O., (2004).** Levels of Polybrominated Diphenylethers in Milk from Italian Woman Living in Rome and Venice. *Organohalogen Compounds* 66, 2722–2728.
- Kallenborn, R., Gatermann, R., (2004).** Synthetic musks in ambient and indoor air. *Series Anthropogenic Compounds* 3x, 85–104.
- Kunz, S., Schmitz, H.J., Buchmann, A., Schwarz, M., Schilling, B., Pöpke, O., Robertson, L.W., Lehmler, H.J., Schrenk, D., (2004).** Analysis of the Tumor-Promoting Potency of 2,4,4'-Trichlorophenyl and 2,2',4,5,5'-Pentachlorobiphenyl in rat Liver. *Organohalogen Compounds* 66, 3603–3609.
- Pöpke, O., Fürst, P., Herrmann, T., (2004).** Determination of polybrominated diphenylethers (PBDEs) in biological tissues with special emphasis on QC/CA measures. *Talanta* 63 (5), 1203–1211.
- Pöpke, O., Herrmann, T., (2004).** Polybrominated diphenylethers (PBDEs) in fish samples of various origin. *Organohalogen Compounds* 66, 3971–3978.
- Pöpke, O., Quynh, H.T., Schecter, A., (2004).** Dioxins in Vietnamese, Vietnamese Food and Environment: Potential Relevance of Hot Spots from Recent Findings. *Organohalogen Compounds* 66, 3702–3707.
- Pöpke, O., Vieth B., Ostermann B., Herrmann T., (2004).** Determination of PBDEs in Human Milk – Analysis and Quality Control. *Organohalogen Compounds* 66, 562–569.
- Petersen, M., Hamm, S., Schäfer, A., Esser, U., (2004).** Comparative GC/MS and LC/MS Detection of Hexabromocyclododecane (HBCD) in Soil and Water Samples. *Organohalogen Compounds* 66, 226–233.

Pless-Mulloli, T., Edwards, R., Herrmann, T., Pöpke, O., (2004). Dioxin Body Burden in Women with Long Term Residency Near and Away from Major Chemical Industries in Teesside, UK. *Organohalogen Compounds* 66, 2649–2654.

Schechter, A., (2004). Halogenated Organics in Vietnamese and in Vietnam Food: Dioxins dibenzofurans, PCBs, Polybrominated Diphenyl Ethers and selected Pesticides. *Organohalogen Compounds* 66, 3683–3688.

Schechter, A., Pöpke, O., Joseph, J., Tung, K.C., (2004). Polybrominated diphenyl ethers (PBDEs) in U.S. computers and domestic carpet vacuuming: Possible sources of human exposure. *Journal of Toxicology and Environmental Health, Part A* 68 (7), 501–513.

Schechter, A., Pöpke, O., Ryan, J.J., Rosen, R., Tung, K.C., Pavuk, M., Staskal, D., Birnbaum, L., Quynh, H.T., Constable, J.D., (2004). PBDEs in US milk, blood, and food and temporal trends for PBDEs, PCDDs, and PCBs in US Blood. *Toxicological & Environmental Chemistry* 66, 2834–2840.

Schechter, A., Pöpke, O., Tung, K.C., Staskal, D., Birnbaum, L., (2004). Polybrominated diphenyl ethers contamination of United States Food. *Environmental Science & Technology* 38 (20), 5306–5311.

Schechter, A., Pavuk, M., Pöpke, O., Malisch, R., (2004). The use of potassium dichromate and ethyl alcohol as blood preservatives for analysis of organochlorine contaminants. *Chemosphere* 57 (1), 1–7.

Schröter-Kermani, C., Herrmann, T., Pöpke, O., Stachel, B., (2004). PCDDs, PCDFs, and dioxin-like PCBs in Breams (*abramis brama*) from German Rivers: Results from the German Environmental Specimen Bank. *Organohalogen Compounds* 66, 1779–1782.

Tseng, C.H., Ma, K., Wang, N., (2004). Internet-enabled near infrared analysis of oil seeds. In “Oil Extraction and Analysis: Critical Issues and Comparative Studies”. *AOCS Press*, 166–192.

Vieth, B., Mielke, H., Ostermann, B., Ruediger, T., Herrmann, T., Pöpke, O., (2004). PBDE levels in human milk: The situation in Germany and potential influencing factors – A controlled study. *Organohalogen Compounds* 66, 2643–2648.

Behnisch, P.A., (2005). Dioxins and dioxin-like PCBs – the show goes on in Europe. The European Food & Drink Review, *Analysis and Control* 1, 13–17.

Behnisch, P.A., (2005). Rapid methods for dioxins in food and feed. In Rapid methods for biological and chemical contaminants in food and feed. In *van Amerongen A., Barug D., Lauwaars M.*, 309–319.

Biselli, S., (2005). Vorkommen von Deoxynivalenol, Zearalenon und HT-2/T-2 Toxin in Getreide und Getreideerzeugnissen. *Mycotoxin Research* 21 (4), 241–245.

Biselli, S., Wegner, H., Hummert, C., (2005). A multicomponent method for Fusarium toxins in cereal based food and feed samples using HPLC-MS/MS. *Mycotoxin Research* 21 (1), 18–22.

Brouwer, A., Botschuijver, S., Veerhoek, D., Besselink, H.T., Hamm, S., Traag, W., Zimpfer, M., (2005). Observation of an extremely high dioxin level in a human serum sample from Ukraine by DR CALUX®, which was confirmed to be 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin by GC-HRMS. *Organohalogen Compounds* 67, 1705–1708.

Chao, H.R., Wang, S.L., Su, P.H., Yu, H.Y., Yu, S.T., Pöpke, O., (2005). Levels of polychlorinated dibenzo-p-dioxins and dibenzofurans in primepara breast milk from Taiwan: Estimation of dioxins and furans intake for breastfed infants. *Journal of Hazardous Materials* 121 (1–3), 1–10.

Crews, C., Hough, P., Godward, J., Brereton, P., Lees, M., Guiet, S., Winkelmann, W., (2005). Study of the main constituents of some authentic hazelnut oils. *Journal of Agricultural and Food Chemistry* 53 (12), 4843–4852.

Crews, C., Hough, P., Godward, J., Brereton, P., Lees, M., Guiet, S., Winkelmann, W., (2005). Study of the main constituents of some authentic walnut oils. *Journal of Agricultural and Food Chemistry* 53 (12), 4853–4860.

Ferguson, J., Baxter, A., Young, P., Kennedy, G., Elliott, C., Weigel, S., Gatermann, R., Ashwin, H., Stead, S., Sharman, M., (2005). Detection of chloramphenicol and chloramphenicol glucuronide residues in poultry muscle, honey, prawn and milk using a surface plasmon resonance biosensor and Qflex® kit chloramphenicol. *Analytical Chimica Acta* 529 (1–2), 109–113.

Hamm, S., Grümping, R., Schwietering, J., (2005). Levels of Polychlorinated Dibenzo(p)dioxins, Dibenzofurans and Dioxin-like PCBs in Milk, Milk Products and Eggs from West European Countries. *Organohalogen Compounds* 67, 1406–1408.

Herrmann, T., Lohmann, N., Pöpke, O., (2005). Polybrominated Diphenyl Ethers (PBDEs) in Fish, Fish Oil, Fish Meal and Fish Feed Samples of Various Origin. *Organohalogen Compounds* 67, 640–643.

Jamin, E., Martin, F., Santamaria-Fernandez, R., Lees, M., (2005). Detection of Exogenous Citric Acid in Fruit Juices by Stable Isotope Ratio Analysis. *Journal of Agricultural and Food Chemistry* 53 (1), 5130–5133.

Link, B., Gabrio, T., Zoellner, I., Piechotowski, I., Pöpke, O., Herrmann, T., Felder-Kennel, A., Maisner, V., Schick, K.H., Schrimpf, M., Schwenk, M., (2005). Biomonitoring of persistent organochlorine pesticides, PCDD/PCDFs and dioxin-like PCBs in blood of children from South West Germany (Baden-Wuerttemberg) from 1993 to 2003. *Chemosphere* 58 (9), 1185–1201.

Mamontova, E.A., Tarasova, E.N., Mamontov, A.A., Kuzmin, M.I., McLachlan, M.S., Pöpke, O., (2005). Levels of organohalogen compounds in human milk from several settlements of the Irkutsk region, Russia. *Organohalogen Compounds* 67, 1651–1654.

Mamontova, E.A., Tarasova, E.N., Mamontov, A.A., Kuzmin, M.I., McLachlan, M.S., Pöpke, O., (2005). Temporal trend of organochlorine compounds in human milk from the Irkutsk region, Russia. *Organohalogen Compounds* 67, 1647–1650.

Pless-Mulloli, T., Edwards, R., Howel, D., Wood, R., Pöpke, O., Herrmann, T., (2005). Does long term residency near industry have an impact on the body burden of polychlorinated dibenzo-p-dioxins, furans, and polychlorinated biphenyls in older women?. *Occupational and Environmental medicine* 62 (12), 895–901.

Reis, MF., Sampaio, C., Aguiar, P., Matos, P., Pöpke, O., Miguel, J.P., (2005). Dioxin contamination status in people living near a Portuguese Municipal Solid Waste (MSW) Incinerator. *Organohalogen Compounds* 67, 1552–1555.

Schechter, A., Johnson-Welch, S., Tung, K.C., Harris, T.R., Pöpke, O., Rosen, R., (2005). Polybrominated diphenyl ether (PBDE) levels in U.S. fetuses and newborns. *Journal of Toxicology and Environmental Health, Part A* 70 (1), 1–6.

Schechter, A., Harris, R., Tung, K.C., Pöpke, O., (2005). Temporal limitation in the use of potassium dichromate as a blood preservative for the analysis of organohalogenated contaminants including polybrominated diphenyl ethers, dioxins and PCBs. *Toxicological & Environmental Chemistry* 87 (4), 439–447.

Schechter, A., Pöpke, O., Ryan, J., Tung, K., Olson, J., Harris, T.R., (2005). PBDE's in US human milk, archived and recent blood, fetal liver, partitioning between milk and blood, cooked and uncooked food, and environmental specimens. *Organohalogen Compounds* 67, 651–653.

Schechter, A., Robert Harris, T., Pöpke, O., Tung, K.C., Musumba, A., (2005). Polybrominated Diphenyl Ether (PBDE) levels in the blood of pure vegetarians (vegans). *Toxicological & Environmental Chemistry* 88 (1), 107–112.

- Stanimirova, I., Daszykowski, M., Van Gysegheem, E., Bensaid, F.F., Lees, M., Smeyers-Verbeke, J., Massart, D.L., Vander Heyden, Y., (2005).** Chemometrical exploration of an isotopic ratio data set of acetylsalicylic acid. *Analytical Chimica Acta* 552 (1–2), 1–12.
- Thomas, F., Jamin, E., Lees, M., (2005).** Isotopic analysis of lipids as a mean of authenticating fish products. *Lipid Technology* 17, 204–208.
- Wang, S.L., Su, P.H., Jong, S.B., Guo, Y.L., Chou, W.L., Pöpke, O., (2005).** In utero exposure to dioxins and polychlorinated biphenyls and its relations to thyroid function and growth hormone in newborns. *Environmental Health Perspectives* 113 (11), 1645–1650.
- Weiss, J., Pöpke, O., Bergman, Å., (2005).** A worldwide survey of polychlorinated dibenzo-p-dioxins, dibenzofurans, and related contaminants in butter. *AMBIO: A Journal of the Human Environment* 34 (8), 589–597.
- Wilken, M., Lamparski, L., Martin, G.D., Hescott, T.L., Mendyk, K.K., Fishman, V.N., Luksemburg, W.J., Maier, M., Hamm, S., Sunderhauf, W., Van Ryckeghem, M., (2005).** Interlaboratory Comparison: Determination of Chlorinated Dibenzo-p-dioxins and Dibenzofurans by Methods EN 1948 and EPA 1613b. *Organohalogen Compounds* 67, 343–346.
- Wu, N., Webster, T., Hermann, T., Pöpke, O., Tickner, J., Hale, R., Harvey, E., La Guardia, M., Jacobs, E., (2005).** Associations of PBDE Levels in Breast Milk with Diet and Indoor Dust Concentrations. *Organohalogen Compounds* 67, 654–657.
- Biselli, S., (2006).** Analytische Methoden für die Kontrolle von Lebens.- und Futtermitteln auf Mykotoxine. *Journal für Verbraucherschutz und Lebensmittelsicherheit* 1 (2), 106–114.
- Crews, C., Hough, P., Godward, J., Brereton, P., Lees, M., Guiet, S., Winkelmann, W., (2006).** Quantitation of the main constituents of some authentic sesame seed oils of different origin. *Journal of Agricultural and Food Chemistry* 54 (17), 6266–6270.
- Jakob, E., Jamin, E., Bitea, C., Lees, M., (2006).** Analytical detection of dilution in direct juices. *Fruit Processing* 1, 35–39.
- Lantz, I., Ternité, R., Wilkens, J., Hoenicke, K., Guenther, H., van der Stegen, G.H., (2006).** Studies on acrylamide levels in roasting, storage and brewing of coffee. *Molecular Nutrition & Food Research* 50 (11), 1039–1046.
- Lohmann, N., Stehr, C., Herrmann, T., Pöpke, O., (2006).** Actual Levels of Polybrominated Diphenylethers (PBDEs) in Fish and Fish Related Matrices and Temporal Trends. *Organohalogen Compounds* 68, 1796–1799.
- Grant, S., Hermanussen, S., Pöpke, O., Gaus, C., (2006).** Levels and Sources of PCDDs and PCDFs in Sugarcane and Pineapple Agricultural Soils from Hawaii. *Organohalogen Compounds* 68, 2244–2247.
- Grümping, R., Petersen, M., Kuchen, A., Tlustos, C., (2006).** Levels of Polybrominated Diphenyl Ethers in Swiss and Irish Cow's Milk. *Organohalogen Compounds* 68, 2147–2150.
- Hoenicke, K., Gatermann, R., (2006).** How can zero tolerances be controlled? The case study of Nitrofurans. *Accreditation and Quality Assurance* 11 (2), 29–32.
- Monsallier-Bitea, C., Jamin, E., Lees, M., Zhang, B.L., Martin, G.J., (2006).** Study of the influence of alcoholic fermentation and distillation on the oxygen-18/oxygen-16 isotope ratio of ethanol. *Journal of Agricultural and Food Chemistry* 54 (2), 279–284.
- Pöpke, O., Lohmann, N., Harley, J., Callan, A., (2006).** Sydney Harbour Fisherman and Families: Elevated Levels of Dioxins Resulting from Consumption of TCDD-Contaminated Fish. *Organohalogen Compounds* 68, 375–378.

Petersen, M., Bussmann, P., Grumping, R., Like, G., (2006). Analysis of short-chain (C10–C13) and medium-chain chlorinated paraffins (C14–C17) in Norwegian sediment and water samples by GC/ECNI-MS. *Organohalogen Compounds* 68, 2101–2104.

Schecter, A., Pöpke, O., Harris, T.R., Tung, K.C., Musumba, A., Olson, J., Birnbaum, L., (2006). An expanded market basket survey of US food for PBDEs and estimated dietary intake by age and gender. *Environmental Health Perspectives* 114 (10), 1515–1520.

Schecter, A., Pöpke, O., Robert Harris, T., Tung, K.C., (2006). Partitioning of polybrominated diphenyl ether (PBDE) congeners in human blood and milk. *Toxicological & Environmental Chemistry* 88 (2), 319–324.

Schecter, A., Pöpke, O., Tung, K.C., Brown, T., Musumba, A., (2006). Changes in Polybrominated ether (PBDE) levels in cooked food. *Toxicological & Environmental Chemistry* 88 (2), 207–211.

Stachel, B., Christoph, E.H., Götz, R., Herrmann, T., Krüger, F., Kühn, T., Lay, J., Löffler, J., Pöpke, O., Reincke, H., Schröter-Kermani, C., (2006). Contamination of the alluvial plain, feeding-stuffs with polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans (PCDD/Fs), dioxin-like polychlorinated biphenyls (DL-PCBs) and mercury from the River Elbe in the light of the flood event in August 2002. *Science of the Total Environment* 364 (1–3), 96–112.

Chao, H.R., Wang, S.L., Lee, W.J., Wang, Y.F., Pöpke, O., (2007). Levels of polybrominated diphenyl ethers (PBDEs) in breast milk from central Taiwan and their relation to infant birth outcome and maternal menstruation effects. *Environment International* 33 (2), 239–245.

Cuny, M., Le Gall, G., Colquhoun, I.J., Lees, M., Rutledge, D.N., (2007). Evolving Window Zone Selection method followed by Independent Component Analysis as useful chemometric tools to discriminate between grapefruit juice, orange juice and blends. *Analytica Chimica Acta* 597 (2), 203–213.

Dahlgren, J., Schecter, A., Harpreet, T., Pöpke, O., (2007). Persistent organic pollutants in 9/11 world trade centre rescue workers. *Chemosphere* 69 (8), 1320–1325.

Eriksson, S., Karlsson, P., Törnqvist, M., (2007). Measurement of evaporated acrylamide during heat treatment of food and other biological materials. *LWT - Food Science and Technology* 40 (4), 706–712.

Ingelido, A.M., Ballard, T., Dellatte, E., di Domenico, A., Ferri, F., Fulgenzi, A.R., Herrmann, T., Iacovella, N., Miniero, R., Pöpke, O., Porpora, M.G., (2007). Polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in milk from Italian women living in Rome and Venice. *Chemosphere* 67 (9), 301–306.

Lohmann, N., Stehr, C., Pöpke, O., (2007). First Experiences with New EU-Limit Values for PCDDs/PCDFs and DL-PCBs in Food and Feeding Stuff. *Organohalogen Compounds* 69, 102–105.

Reis, M.F., Sampaio, C., Aguiar, P., Melim, J.M., Miguel, J.P., Pöpke, O., (2007). Biomonitoring of PCDD/Fs in populations living near Portuguese solid waste incinerators: Levels in human milk. *Chemosphere* 67 (9), 231–237.

Schecter, A.J., Pöpke, O., Shah, N., Harris, T., (2007). Brominated flame retardants in the USA and selected other countries in milk, blood, food, fast food, and air. *Organohalogen Compounds* 69, 694–697.

Serra, F., Janeiro, A., Calderone, G., Rojas, J.M., Rhodes, C., Gonthier, L.A., Martin, F., Lees, M., Mosandl, A., Sewenig, S., Hener, U., (2007). Inter-laboratory comparison of elemental analysis and gas chromatography combustion isotope ratio mass spectrometry (GC-C-IRMS). Part I: $\delta^{13}\text{C}$ measurements of selected compounds for the development of an isotopic Grob-test. *Journal of Mass Spectrometry* 42 (3), 361–369.

Strid, A., Jörundsdóttir, H., Pöpke, O., Svavarsson, J., Bergman, Å., (2007). Dioxins and PCBs in Greenland shark (*Somniosus microcephalus*) from the North-East Atlantic. *Marine Pollution Bulletin* 54 (9), 1514–1522.

Tseng, C.H., Wang, N., (2007). Fast analysis of fats, oils and biodiesel by FT-IR. *Lipid Technology* 19 (2), 39–40.

Cuny, M., Vigneau, E., Le Gall, G., Colquhoun, I., Lees, M., Rutledge, D.N., (2008). Fruit juice authentication by ¹H NMR spectroscopy in combination with different chemometrics tools. *Analytical and bioanalytical chemistry* 390 (1), 419–423.

Deconinck, E., Van Nederkassel, A.M., Stanimirova, I., Daszykowski, M., Bensaid, F., Lees, M., Martin, G.J., Desmurs, J.R., Smeyers-Verbeke, J., Vander Heyden, Y., (2008). Isotopic ratios to detect infringements of patents or proprietary processes of pharmaceuticals: Two case studies. *Journal of Pharmaceutical and Biomedical Analysis* 48 (1), 27–41.

Grümping, R., Opel, M., Petersen, M., (2008). Brominated dioxins and brominated flame retardants in Irish cow s milk. *Organohalogen Compounds* 70, 912–915.

Grümping, R., Petersen, M., Neugebauer, F., Opel, M., (2008). Levels of Dioxins, PCBs, BFRs, PFCs and Organotins in Fishery Products from Latvia. *Organohalogen Compounds* 70, 582–585.

Hermanussen, S., Matthews, V., Pöpke, O., Limpus, C.J., Gaus, C., (2008). Flame retardants (PBDEs) in marine turtles, dugongs and seafood from Queensland, Australia. *Marine Pollution Bulletin* 57 (6–12), 409–418.

Matthews, V., Pöpke, O., Gaus, C., (2008). PCDD/Fs and PCBs in seafood species from Moreton Bay, Queensland, Australia. *Marine Pollution Bulletin* 57 (6–12), 392–402.

Neugebauer, F., Opel, M., Grümping, R., (2008). The analysis of mineral feed for dioxins and dioxin-like PCBs: Results and challenges. *Organohalogen Compounds* 70, 879–882.

Schechter, A.J., Shah, N.C., Brummitt, S., Harris, T.R., Pöpke, O., (2008). US Current PBDE levels and congeners: Human milk and blood; individual milk/blood partitioning; levels in vegetables; and fast food per serving. *Organohalogen Compounds* 70.

Shaw, S.D., Berger, M.L., Brenner, D., Kannan, K., Lohmann, N., Pöpke, O., (2008). Bioaccumulation of PBDEs and HBCD in the Northwest Atlantic Marine Food Web. *Organohalogen Compounds* 70, 841–845.

Thomas, F., Jamin, E., Wietzerbin, K., Guérin, R., Lees, M., Morvan, E., Billault, I., Derrien, S., Moreno Rojas, J.M., Serra, F., Guillou, C., (2008). Determination of Origin of Atlantic Salmon (*Salmo salar*): The Use of Multiprobe and Multielement Isotopic Analyses in Combination with Fatty Acid Composition To Assess Wild or Farmed Origin. *Journal of Agricultural and Food Chemistry* 56 (3), 989–997.

Toms, L.M.L., Harden, F., Pöpke, O., Hobson, P., Jake Ryan, J., Mueller, J.F., (2008). Higher Accumulation of Polybrominated Diphenyl Ethers in Infants Than in Adults. *Environmental Science & Technology* 42 (19), 7510–7515.

Toms, L.M.L., Sjodin, A., Pöpke, O., Harden, F., Hobson, P., Hearn, L., Jones, R., Edenfield, E., Mueller, J.F., (2008). Polybrominated diphenyl ether (PBDE) concentrations decrease with age: Analysis of pooled human blood serum in the Australian population. *Organohalogen Compounds* 70, 446–450.

Kvalem, H.E., Knutsen, H.K., Thomsen, C., Haugen, M., Stigum, H., Brantsæter, A.L., Frøshaug, M., Lohmann, N., Pöpke, O., Becher, G. and Alexander, J., (2009). Role of dietary patterns for dioxin and PCB exposure. *Molecular Nutrition & Food Research* 53 (11), 1438–1451.

Lin, D.Y., Chao, H.R., Wang, S.L., Pöpke, O., (2009). Associations between PCDD/Fs, PCBs, OCPs and PBDEs in breast milk and thyroid, growth, and steroid sex hormones. *Organohalogen Compounds* 71, 563–566.

Matthews, V., Pöpke, O., Burns, D., Gaus, C., (2009). PCDD/PCDF and dioxin-like pcb exposure in a coastal community via consumption of local seafood. *Organohalogen Compounds* 71, 1390–1395.

Matthews, V., Pöpke, O., Gaus, C., (2009). Evidence for skin absorption of highly lipophilic contaminants: An important exposure pathway for sediment dwelling fish. *Environmental Science & Technology*.

Neugebauer, F., Esposito, M., Opel, M., Pöpke, O., Gallo, P., Cavallo, S., Colarusso, G., D'Ambrosio, R., Sarnelli, P., Baldi, L., Iovane, G., (2009). The Italian buffalo milk case – Results and Discussion of PCDD/F- and DL-PCB analysis in milk, feeding stuff and soil samples from Campania, Italy. *Organohalogen Compounds* 71, 1220–1225.

Pöpke, O., Petersen, M., Opel, M., Lohmann, N., Fürst, P., (2009). Polybrominated diphenylethers (PBDEs) in food samples from Germany. *Organohalogen Compounds* 71, 1498–1502.

Petersen, M., Opel, M., Pöpke, O., (2009). Analysis of TBBP A (Tetrabromobisphenol A) in Fish, Mussle and Cows Milk Samples. *Organohalogen Compounds* 71, 2118–2119.

Schechter, A., Birbaum, L.S., (2009). Polybrominated diphenyl ethers, organochlorine pesticides, polychlorinated biphenyls and perfluorinated compounds in composite samples of united states food. *Organohalogen Compounds* 71, 976–981.

Schechter, A., Colacino, J.A., Shah, N., Harris, T.R., Pöpke, O., (2009). Limitations in the use of potassium dichromate as a blood preservative for the analysis of organohalogenated compounds: Two month results. *Chemosphere* 74 (3), 448–452.

Schechter, A., Haffner, D., Colacino, J., Patel, K., Pöpke, O., Opel, M., Birnbaum, L., (2009). Polybrominated diphenyl ethers (PBDEs) and hexabromocyclododecane (HBCD) in Composite U.S. food samples. *Environmental Health Perspectives* 118 (3), 357–362.

Schechter, A., Shah, N., Colacino, J.A., Sawant, M., Brummitt, S.I., Harris, T.R., Lohmann, N., Pöpke, O., (2009). Polybrominated diphenyl ether (PBDE) levels in fruit, vegetables, and food of vegetable origin purchased in the United States. *Toxicological & Environmental Chemistry* 91, 643–652.

Shaw, S.D., Berger, M.L., Brenner, D., Kannan, K., Lohmann, N., Pöpke, O., (2009). Bioaccumulation of polybrominated diphenyl ethers and hexabromocyclododecane in the northwest Atlantic marine food web. *Science of The Total Environment* 407 (10), 3323–3329.

Thomas, F., Jamin, E., (2009). 2H NMR and 13C-IRMS analyses of acetic acid from vinegar, 18O-IRMS analysis of water in vinegar: International collaborative study report. *Analytical Chimica Acta* 649 (1), 98–105.

Toms, L.M., Bartkow, M.E., Symons, R., Pöpke, O., Mueller, J.F., (2009). Assessment of polybrominated diphenyl ethers (PBDEs) in indoor environments collected in South East Queensland, Australia. *Chemosphere* 76 (2), 173–178.

Camin, F., Larcher, R., Nicolini, G., Bontempo, L., Bertoldi, D., Perini, M., Schlicht, C., Schellenberg, A., Thomas, F., Heinrich, K., Voerkelius, S., (2010). Isotopic and Elemental Data for Tracing the Origin of European Olive Oils. *Journal of Agricultural and Food Chemistry* 58 (1), 570–577.

Pöpke, O., Schechter A., Smith S., Petersen M., Neugebauer F., Opel M., (2010). Contamination of U.S. Butter and Updated Estimate of PBDE Dietary Intake. *Organohalogen Compounds* 72, 767–770.

Schellenberg, A., Chmielus, S., Schlicht, C., Camin, F., Perini, M., Bontempo, L., Heinrich, K., Kelly, S.D., Rossmann, A., Thomas, F., Jamin, E., (2010). Multielement stable isotope ratios (H, C, N, S) of honey from different European regions. *Food Chemistry* 121 (3), 770–777.

Schechter, A., Colacino, J., Haffner, D., Patel, K., Opel, M., Pöpke, O., Birnbaum, L., (2010). Perfluorinated compounds, polychlorinated biphenyls, and organochlorine pesticide contamination in composite food samples from Dallas, Texas, USA. *Environmental Health Perspectives* 118 (6), 796–802.

Schechter, A., Malik, N., Haffner, D., Smith, S., Harris, T.R., Pöpke, O., Birnbaum, L., (2010). Bisphenol A (BPA) in U.S. Food. *Environmental Science & Technology* 44 (24), 9425–9430.

Thomas, F., Randet, C., Gilbert, A., Silvestre, V., Jamin, E., Akoka, S., Remaud, G., Segebarth, N., Guillou, C., (2010). Improved characterization of the botanical Origin of Sugar by Carbon-13 SNIF-NMR Applied to Ethanol. *The Journal of agriculture and food chemistry* 58 (22), 11580–11585.

2011 – 2020

Asfaha, D.G., Quételet, C.R., Thomas, F., Horacek, M., Wimmer, B., Heiss, G., Dekant, C., Deters-Itzelsberger, P., Hoelzl, S., Rummel, S., Brach-Papa, C., (2011). Combining isotopic signatures of $n(87\text{Sr})/n(86\text{Sr})$ and light stable elements (C, N, O, S) with multi-elemental profiling for the authentication of provenance of European cereal samples. *Journal of Cereal Science* 53 (2), 170–177.

Bordajandi, L.R., Scaravelli, E., Bergman, Å., Boobis, A., Ceccatelli, S., Cravedi, J.P., Fürst, P., Johansson, N., Knutsen, H.K., Machala, M., Merletti, F., Pöpke, O., Schrenk, D., Van Leeuwen, F.X.R., VanLeeuwen, S., Zeilmaker M., (2011). Efsa's Risk Assessment On Brominated Flame Retardants (Bfrs). *Organohalogen Compounds* 73, 2028–2031.

Bouissou, D., Thomas, F., (2011). Intra- and interlaboratory validation of the conductimetric method for detecting the addition of metatartaric acid in grape juice. *Fruit Processing* 21 (4), 138–144.

Bussy, U., Thibaudeau, C., Thomas, F., Desmurs, J.R., Jamin, E., Remaud, G.S., Silvestre, V., Akoka, S., (2011). Isotopic finger-printing of active pharmaceutical ingredients by ^{13}C NMR and polarization transfer techniques as a tool to fight against counterfeiting. *Talanta* 85 (4), 1909–1914.

Neugebauer, F., Pöpke, O., Opel, M., Arkudas, R., (2011). PCDD, PCDF And DL-PCB In Terrestrial Ecosystems: Are There Correlations Of Levels Or Patterns In Soil And Roe Deer Liver?. *Organohalogen Compounds* 73, 1223–1226.

Pöpke, O., Schröter-Kermani, C., Stegemann, D., Neugebauer, F., Ebsen, F., (2011). Analytical Experiences With The German Environmental Specimen Bank: Polybrominated Diphenylethers In Deer Liver Samples And Corresponding Soils. *Organohalogen Compounds* 73, 416–419.

Sauceda-Friebe, J.C., Karsunke, X.Y., Vazac, S., Biselli, S., Niessner, R., Knopp, D., (2011). Regenerable immuno-biochip for screening ochratoxin A in green coffee extract using an automated microarray chip reader with chemiluminescence detection. *Analytical Chimica Acta* 689 (2), 234–242.

Schröter-Kermani, C., Rappolder, M., Neugebauer, F., Pöpke, O., (2011). Pcd/f And Dl-Pcb Analysis Of Chicken Eggs And Related Samples: Experiences With Dioxin Analysis During A Dioxin Crisis. *Organohalogen Compounds* 73, 1325–1328.

Thomas F., Jamin E., Shimoo K., Nagao J., Osaki Y., Granier C., (2011). The use of multi-element stable isotope analysis to monitor the origin of chondroitin sulfates. *Rapid Communication in Mass Spectrometry* 25, 2533–2537.

Jung, D., Edler, L., Flesch-Janys, D., Konietzko, J., Lucier, G., Needham, L.L., Pöpke, O., Patterson jr., D.G., (2012). Serum/whole blood PCDD/F-data from different labs originating from the same persons. *Organohalogen Compounds* 33, 535–540.

Kamadia, V.V., Schilling, M.W., Marshall, D.L., (2012). Cooking and packaging methods affect consumer acceptability and shelf-life of ready-to-eat Gulf brown shrimp. *Journal of Aquatic Food Product Technology* 22 (2), 146–159.

Mastovska, K., Wylie, P.L., (2012). Evaluation of a new column backflushing set-up in gas chromatographic-tandem mass spectrometric analysis of pesticide residues in dietary supplements. *Journal of Chromatography A* 1265, 155–164.

McCleary, B.V., DeVries, J.W., Rader, J.I., Cohen, G., Prosky, L., Mugford, D.C., Champ, M., Okuma, K., (2012). Determination of insoluble, soluble, and total dietary fiber (CODEX definition) by enzymatic-

gravimetric method and liquid chromatography: collaborative study. *Journal of AOAC International* 95 (30), 824–844.

Neugebauer, F., Dreyer, A., von der Trenck, K.T., (2012). Perfluorinated compounds (PFC) in peregrine falcon eggs from southwestern Germany – levels, patterns and temporal concentration variations. *Organohalogen Compounds* 74, 497–499.

Päpke, O., Schrenk, D., Fürst, P., (2012). Biomarkers of Exposure: Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans in: Biomarkers and Human Biomonitoring, Edited by Lisbeth Knudsen and D. Franco Merlo. *The Royal Society of Chemistry*.

Päpke, O., Temme, C., Neugebauer, F., Selke, S., Druschke, P., (2012). Analysis of fish and seafood samples of various origins for polybrominated phenols. *Organohalogen Compounds* 74, 746–751.

Schecter, A., Szabo, D.T., Miller, J., Gent, T.L., Malik-Bass, N., Petersen, M., Päpke, O., Colacino, J.A., Hynan, L.S., Harris, T.R., Malla, S., (2012). Hexabromocyclododecane (HBCD) Stereoisomers in U.S. Food from Dallas, Texas. *Environmental Health Perspectives* 120 (9), 1260–1264.

Thomas, F., (2012). Profiling des produits alimentaires par RMN 1H haute résolution: état de l'art et perspectives. *Spectra Analyse* 288, 39–45.

Vigneau, E., Thomas, F., (2012). Model calibration and feature selection for orange juice authentication by 1H NMR spectroscopy. *Chemometrics and Intelligent Laboratory Systems* 117, 22–30.

Biselli, S., Schwalb, U., Meyer, A., Hartig, L., (2013). A multi-class, multi-analyte method for routine analysis of 84 veterinary drugs in chicken muscle using simple extraction and LC-MS/MS. *Food Additives & Contaminants: Part A* 30 (6), 921–939.

Brunt, K., Sanders, P., Ernste-Nota, V., Van Soest, J., (2013). Improvement of the AOAC 2009.01 total dietary fibre method for bread and other high starch containing matrices. *Food Chemistry* 140 (3), 574–580.

Nader, W., Brendel, T.O., Schubert, R.A., (2013). DNA-analysis: Enhancing the control of food authenticity through emerging technologies. *Agro Food Industry Hi Tech* 24 (1), 42–46.

Remaud, G.S., Bussy, U., Lees, M., Thomas, F., Desmurs, J.R., Jamin, E., Silvestre, V., Akoka, S., (2013). NMR spectrometry isotopic fingerprinting: A tool for the manufacturer for tracking Active Pharmaceutical Ingredients from starting materials to final medicines. *European Journal of Pharmaceutical Sciences* 48 (3), 464–473.

Thomas, F., (2013). Authentification des produits alimentaires par analyse non ciblée en Résonance Magnétique Nucléaire du Proton à Haute Résolution (RMN-1H). *Société des Experts Chimistes de France* 978, 16–24.

Thomas, F., Jamin, E., Hammond, D., (2013). 18O Internal Referencing Method to Detect Water Addition in Wines and Fruit Juices: Interlaboratory Study. *Journal of AOAC International* 96 (3), 615–624.

Westenbrink, S., Brunt, K., van der Kamp, J.W., (2013). Dietary fibre: Challenges in production and use of food composition data. *Food Chemistry* 140 (3), 562–567.

Lian, Y., Gao, W., Zhou, L., Wu, N., Lu, Q., Han, W., Tie, X., (2014). Occurrence of Sudan I in Paprika Fruits caused by agricultural environmental contamination. *Journal of Agricultural and Food Chemistry* 62 (18), 4072–4076.

Marshall, D.L., (2014). Science literacy and mayonnaise. *Food Technology* 68 (5), 156.

Marshall, D.L., (2014). Seafood. *Encyclopedia of Food Microbiology* 3, 453–458.

Mastovska, K., (2014). 50th Anniversary of the Florida Pesticide Residue Workshop and the birth of the North American Chemical Residue Workshop. *Journal of Agricultural and Food Chemistry* 62 (17), 3649–3650.

Nader, W.F., Grote, A.K., Montilla, E.C., (2014). Impacts of food safety and authenticity issues on the rice trade. Rice Processing – The Comprehensive Guide to Global Technology and Innovative Products. (J. Sontag, editor). *Erling Verlag, Germany*, 159–176.

Päpke, O., Bornemann, S., Duan, T., Schmengler, K., Lohmann, N., Opel, M., Mandix, M., (2014). Findings of PCDDs/PCDFs in Selected Oleoresins. *Organohalogen Compounds* 76, 486–489.

Perini, M., Paolini, M., Simoni, M., Bontempo, L., Vrhovsek, U., Sacco, M., Thomas, F., Jamin, E., Hermann, A., Camin, F., (2014). Stable Isotope Ratio Analysis for Verifying the Authenticity of Balsamic and Wine Vinegar. *Journal of Agricultural and Food Chemistry* 62 (32), 8197–8203.

Reichel, M., Staiger, S., Biselli, S., (2014). Analysis of Fusarium toxins in grain via dust: a promising field of application for rapid test systems. *World Mycotoxin Journal* 7 (4), 465–477.

Grün, C.H., Sanders, P., van der Burg, M., Schuurbijs, E., van Adrichem, L., van Velzen, E.J., de Roo, N., Brunt, K., Westphal, Y., Schols, H.A., (2015). Strategy to identify and quantify polysaccharide gums in gelled food concentrates. *Food Chemistry* 166 (1), 42–49.

Mastovska, K., Sorenson, W.J., Hajslova, J., (2015). Determination of polycyclic aromatic hydrocarbons (PAHs) in seafood using gas chromatography-mass spectrometry: Collaborative study. *Journal of AOAC International* 98 (2), 477–505.

Monakhova, Y.B., Ruge, W., Kuballa, T., Ilse, M., Winkelmann, O., Diehl, B., Thomas, F., Lachenmeier, D.W., (2015). Rapid approach to identify the presence of Arabica and Robusta species in coffee using ¹H NMR spectroscopy. *Food Chemistry* 182, 178–184.

Spiteri, M., Jamin, E., Thomas, F., Rebours, A., Lees, M., Rogers, K.M., Rutledge, D.N., (2015). Fast and global authenticity screening of honey using ¹H-NMR profiling. *Food Chemistry* 189, 60–66.

Veprikova, Z., Zachariasova, M., Dzuman, Z., Zachariasova, A., Fenclova, M., Slavikova, P., Vaclavikova, M., Mastovska, K., Hengst, D., Hajslova, J., (2015). Mycotoxins in plant-based dietary supplements: Hidden health risk for consumers. *Journal of Agricultural and Food Chemistry* 63 (29), 6633–6643.

Benkowski, A.A., Schoeni, J.L., (2016). Evaluation of an acoustic focusing flow cytometer for enumeration of probiotic organisms. Poster from *COVANCE Food Solutions*.

Benkowski, A.A., Schoeni, J.L., Solutions, C.F., (2016). Probiotic enumeration by flow cytometry: method scope extension of ISO 19344. Poster from *COVANCE Food Solutions*.

Dubin, E., Dumas, A.S., Rebours, A., Jamin, E., Ginet, J., Lees, M., Rutledge, D.N., (2016). Detection of blackcurrant adulteration by aronia berry using high resolution mass spectrometry, variable selection and combined PLS regression models. *Food Analytical Methods* 10 (3), 683–693.

Dubin, E., Spiteri, M., Dumas, A.S., Ginet, J., Lees, M., Rutledge, D.N., (2016). Common components and specific weights analysis: A tool for metabolomic data pre-processing. *Chemometrics and Intelligent Laboratory Systems* 150, 41–50.

Fliedner, A., Lohmann, N., Rüdell, H., Teubner, D., Wellmitz, J., Koschorreck, J., (2016). Current levels and trends of selected EU Water Framework Directive priority substances in freshwater fish from the German environmental specimen bank. *Environmental Pollution* 216, 866–876.

Lohmann N., Päpke, O., (2016). Dioxins and PCBs in Eggs and Egg Products – A Statistical Evaluation of Date Received by an Analytical Service Provider. *Organohalogen Compounds* 78, 1158–1160.

- Raptis, I., Misiakos, K., Makarona, E., Salapatas, A., Petrou, P., Kakabakos, S., Botsialas, A., Jobst, G., Haasnoot, W., Fernandez-Alba, A., Lees, M., (2016).** A miniaturized optoelectronic system for rapid quantitative label-free detection of harmful species in food. *Frontiers in Biological Detection: From Nanosensors to Systems VIII* 9725.
- Siragusa, G., Marshall, D., (2016).** Introducing a New Column: Food Genomics. *Food Safety Tech.* November 29, 2016.
- Spiteri, M., Dubin, E., Cotton, J., Poirel, M., Corman, B., Jamin, E., Lees, M., Rutledge, D., (2016).** Data fusion between high resolution 1H-NMR and mass spectrometry: A synergetic approach to honey botanical origin characterization. *Analytical and Bioanalytical Chemistry* 408 (16), 4389–4401.
- Vaclavik, L., Schmitz, JR., Halbardier, J.F., Mastovska, K., (2016).** Single-laboratory validation study of a method for screening and identification of phosphodiesterase type 5 inhibitors in dietary ingredients and supplements using liquid chromatography/quadrupole–orbital ion trap mass spectrometry: First Action 2015.12. *Journal of AOAC International* 99 (1), 55–72.
- Blackburn, M., Alexander, J., Legan, D., Klabjan, D., (2017).** Big Data and the Future of R&D Management. *Research Technology Management* 60 (5), 43–51.
- Brunt, K., Sanders, P., Spichtig, V., Ernste-Nota, V., Sawicka, P., Iwanoff, K., Van Soest, J., Lin, P.K.T., Austin, S., (2017).** Dual-Laboratory Validation of a Method for the Determination of Fructans in Infant Formula and Adult Nutritionals: First Action 2016.14. *Journal of AOAC International* 100 (3), 753–767.
- Cockcroft, C., (2017).** Testing for emerging organisms of concern. *Journal of the IFST* 31 (1).
- Chauvet, R., Lagarde, F., Charrier, T., Assaf, A., Thouand, G., Daniel, P., (2017).** Microbiological identification by surface-enhanced Raman spectroscopy. *Applied Spectroscopy Reviews* 52 (2), 123–144.
- Marshall, D., Siragusa, G., (2017).** Part II: Logistics of GenomeTrakr. *Food Safety Tech.* October 4, 2017.
- Marshall, D., Siragusa, G., (2017).** To be or not to be: Choosing the best indicator using microbiomes. *Food Safety Tech.* June 9, 2017.
- Marshall, D., Siragusa, G., (2017).** GenomeTrakr: What Do You Know and What Should You Know?. *Food Safety Tech.* September 1, 2017.
- Marshall, D., Siragusa, G., (2017).** What’s in a name? - Probiotic Analysis and Genomics. *Food Safety Tech.* December 13, 2017.
- Greve, J.D., Shannon, B.S., Legan, D., Solutions, C.F., (2017).** Detection of Listeria in probiotic cultures. *IAFP Annual Meeting.*
- Giese, E., Winkelmann, O., Rohn, S., Fritsche, J., (2017).** Toward determining fat quality parameters of fish oil by means of 1 H NMR spectroscopy: 1 H NMR spectroscopy to determine fish oil quality. *European Journal of Lipid Science and Technology* 119 (2), 1500573.
- Marshall, D., Siragusa, G., (2017).** Microbiomes a versatile tool for FSMA validation and verification. *Food Safety Tech.* February 17, 2017.
- Marshall, D., Siragusa, G., (2017).** Microbiomes move standard plate count one step forward. *Food Safety Tech.* January 3, 2017.
- Sanders, P., Ernste-Nota, V., Visser, K., van Soest, J., Brunt, K., (2017).** The determination of sugars in dairy products: development of a new standard method for the International Dairy Federation and the Internal Organization for Standardization. *Journal of AOAC International* 100 (5), 1577–1581.
- Singh, S.K., Marshall, D., Siragusa, L., (2017).** How is DNA sequenced?. *Food Safety Tech.* March 14, 2017.

Shannon, B.S., Greve, J.D., Legan, D., Solutions, C.F., (2017). Detection of Salmonella in Probiotic Cultures. *IFT Annual Meeting*.

Siragusa, G., Marshall, D., Hasan, N., (2017). Metagenomes and their utility. *Food Safety Tech.* April 24, 2017.

Wu, N., Gao, W., Lian, Y., Du, J., Tie, X., (2017). The transfer of natural Rhodamine B contamination from raw paprika fruit to capsicum oleoresin during the extraction process. *Food Chemistry* 237, 786–792.

Spiteri, M., Rogers, K.M., Jamin, E., Thomas, F., Guyader, S., Lees, M., Rutledge, D.N., (2017). Combination of ¹H NMR and chemometrics to discriminate Manuka honey from other floral honey types from Oceania. *Food Chemistry* 217, 766–772.

Angelopoulou, M., Petrou, P.S., Makarona, E., Haasnoot, W., Moser, I., Jobst, G., Goustouridis, D., Lees, M., Kalatzi, K., Raptis, I., Misiakos, K., (2018). Ultrafast Multiplexed-Allergen Detection through Advanced Fluidic Design and Monolithic Interferometric Silicon Chips. *Analytical Chemistry* 90 (15), 9559–9567.

Benkowski, A.A., Legan, J.D., Schoeni, J.L., (2018). Probiotic enumeration by flow cytometry: a method for the determination of *Bacillus coagulans* spore populations in food and dietary supplements. Poster from *COVANCE Food solutions*.

Brown, M., Greve, J.D., Legan, D., Solutions, C.F., (2018). Pathogen Detection by Loop-Mediated Amplification (LAMP): is Inhibition a Concern?. *IAFP Annual Meeting*.

Giese, E., Winkelmann, O., Rohn, S., Fritsche, J., (2018). Determining quality parameters of fish oils by means of H nuclear magnetic resonance, mid-infrared, and near-infrared spectroscopy in combination with multivariate statistics. *Food Research International* 106, 116–128.

Guyader, S., Thomas, F., Portaluri, V., Jamin, E., Akoka, S., Silvestre, V., Remaud, G., (2018). Authentication of edible fats and oils by non-targeted ¹³C INEPT NMR spectroscopy. *Food Control* 91, 216–224.

Harris, P.A., Nelson, S., Carslake, H.B., Argo, C.M., Wolf, R., Fabri, F.B., Brotsma, K.M., van Oostrum, M.J., Ellis, A.D., (2018). Comparison of NIRS and wet chemistry methods for the nutritional analysis of haylages for horses. *Journal of Equine Veterinary Science* 71, 13–20.

Jamin, E., Thomas, F., (2018). SNIF-NMR Applications in an Economic Context: Fraud Detection in Food Products. *Modern Magnetic Resonance*, 1405–1416.

Koesukwiwat, U., Vaclavik, L., Mastovska, K., (2018). Method development and validation for total haloxyfop analysis in infant formulas and related ingredient matrices using liquid chromatography-tandem mass spectrometry. *Analytical and Bioanalytical Chemistry* 410 (22), 5521–5528.

Morin, J.F., Lees, M., (2018). FoodIntegrity Handbook. A guide to food authenticity issues and analytical solutions. Published by: Eurofins Analytics France.

Vaclavik, L., Shippar, J., Koesukwiwat, U., Mastovska, K., (2018). Method development and validation for low-level propineb and propylenethiourea analysis in baby food, infant formula, and related matrices using liquid chromatography-tandem mass spectrometry. *Food Additives & Contaminants: Part A* 35 (12), 2387–2399.

Benkowski, A.A., Legan, J.D., Schoeni, J.L., (2019). Probiotic Enumeration by Flow Cytometry: Determining both *Bacillus coagulans* and *Bacillus subtilis* Spore Counts in Mixed Populations in Foods and Dietary Supplements. *Institute of Food Technologists (IFT) Annual Meeting and Food Expo*.

Bird, P.M., Brown, M.S., Dell’Aringa, J.E., Hahn, L.A., Legan, J.D., Maus, R.D., Pollard, S., Post, L.S., (2019). Microbiological Detection Methods- Assuring the Right Fit. *Food Protection Trends* 39 (5), 417–419.

- Brown, M., Benkowski, A.A., Legan, D., (2019).** The Use of Flow Cytometry for the Rapid Detection of Fluorescent-Tagged Salmonella spp. In Food and environmental samples. *IAFP Annual Meeting*.
- Brown, M., Legan, D., (2019).** Applications of DNA Sequencing in Food Microbiology: Looking Beyond Outbreak Investigations. *IAFP Annual Meeting*, 1.
- Brown, M., Legan, D., (2019).** Assessing Robustness of Salmonella and Listeria detection by Loop-mediated AMplification (LAMP). *IFT Annual Meeting*.
- DeMarco, D., O'Malley, C., Hooi, R., Gerung, A., Marshall, D., Willig, J., (2019).** Comparison of the BACGene Listeria spp. Real Time PCR and BAX® System 24E Genus Listeria PCR Methods for the Detection of Genus Listeria in Food and Environmental Samples from Two Dairy Production Facilities. 2019 *IAFP Annual Meeting*.
- Gallo, V., Ragone, R., Musio, B., Todisco, S., Rizzuti, A., Mastrorilli, P., Pontrelli, S., Intini, N., Scapicchio, P., Triggiani, M., Pascazio, A., (2019).** A Contribution to the Harmonization of Non-targeted NMR Methods for Data-Driven Food Authenticity Assessment. *Food Analytical Methods* 13 (2), 530–541.
- Greve-Peterson, J., Legan, D., (2019).** Evaluation of Rapid Screening Platforms for Detection of Salmonella in Probiotic Cultures. *IFT Annual Meeting*.
- Guyader, S., Thomas, F., Jamin, E., Grand, M., Akoka, S., Silvestre, V., Remaud, G.S., (2019).** Combination of ¹³C and ²H SNIF-NMR isotopic fingerprints of vanillin to control its precursors. *Flavour and Fragrance Journal* 34 (2), 133–144.
- Illikoud, N., Rossero, A., Chauvet, R., Courcoux, P., Pilet, M.F., Charrier, T., Jaffrès, E., Zagorec, M., (2019).** Genotypic and phenotypic characterization of the food spoilage bacterium *Brochothrix thermosphacta*. *Food Microbiology* 81, 22–31.
- Karczmarczyk, M., (2019).** Meat Speciation. *The Royal Society of Chemistry*, 169–176.
- Li, S., Shippar, J., Mastovska, K., (2019).** Determination of bisphenol A (BPA) in commercially packaged ready-to-consume carbonated and non-carbonated water and non-alcoholic beverages: A single-laboratory validation study. First Action 2017.15. *Journal of AOAC International* 102 (2), 605–611.
- McCleary, B.V., Collaborators: Ames, N., Cox, J., Ilians, S., Jin, Y., Johnson, M., McCarthy, S., McKie, V., Nishibata, T., Pastell, H., Plank, D., Salman, H., Sanders, P., Santi, A., Steegmans, M., Yoshida, M., (2019).** Total dietary fiber (CODEX definition) in foods and food ingredients by a rapid enzymatic-gravimetric method and liquid chromatography: Collaborative study, first action 2017.16. *Journal of AOAC International* 102 (1), 196–207.
- Nader, W., Elsner, J., Brendel, T., Schubbert, R., (2019).** The DNA fingerprint in food forensics: the Basmati rice case. *Agro Food Industry Hi Tech* 30 (6), 57–61.
- Payne, N., (2019).** DNA in Food and Feed Law. *The Royal Society of Chemistry*, 120–138.
- Qiu, X., Zhang, H., Yin, Y., Brandes, H., Marsala, T., Stenerson, K., Cramer, H., You, H., (2019).** Determination of active vitamin B12 (cobalamin) in dietary supplements and ingredients by reversed-phase liquid chromatography: Single-laboratory validation. *Food Chemistry* 298, 125010.
- Sobolev, A.P., Thomas, F., Donarski, J., Ingallina, C., Circi, S., Marincola, F.C., Capitani, D., Mannina, L., (2019).** Use of NMR applications to tackle future food fraud issues. *Trends in Food Science & Technology* 91, 347–353.
- Tokarsky, O., Marshall, D.L., Dillon, J., Andrews, L.S., (2019).** Long-term depuration of *Crassostrea virginica* oysters at different salinities and temperatures changes *Vibrio vulnificus* counts and microbiological profile. *Journal of Food Protection* 82 (1), 22–29.

- Tsimidou, M.Z., Nenadis, N., Mastralexi, A., Servili, M., Butinar, B., Vichi, S., Winkelmann, O., García-González, D.L., Toschi, T.G., (2019).** Toward a Harmonized and Standardized Protocol for the Determination of Total Hydroxytyrosol and Tyrosol Content in Virgin Olive Oil (VOO). The Pros of a Fit for the Purpose Ultra High Performance Liquid Chromatography (UHPLC) Procedure. *Molecules* 2429
- You, H., Ireland, B., Moeszinger, M., Zhang, H., Snow, L., Krepich, S., Takagawa, V., (2019).** Determination of bioactive nonvolatile ginger constituents in dietary supplements by a rapid and economic HPLC method: Analytical method development and single-laboratory validation. *Talanta* 194 (1), 795–802.
- Vaclavik, L., Benes, F., Fenclova, M., Hricko, J., Krmela, A., Svobodova, V., Hajslova, J., Mastovska, K., (2019).** Quantitation of cannabinoids in Cannabis dried plant materials, concentrates and oils using liquid chromatography–diode array detection technique with optional mass spectrometric detection: A single-laboratory validation study. First Action 2018.11. *Journal of AOAC International* 102 (6), 1822–1833.
- Winkelmann O., Küchler, T., (2019).** Reliable Classification of Olive Oil Origin Based on Minor Component Profil Using H1-NMR and Multivariate Analysis. *European Journal of Lipid Science and Technology* 121 (12), 1900027.
- Ančić, M., Huđek, A., Rihtarić, I., Cazar, M., Bačun-Družina, V., Kopjar, N., Durgo, K., (2020).** Physico-chemical properties and toxicological effect of landfill groundwaters and leachates. *Chemosphere* 238, 124574.
- Assaf, A., Grangé, E., Cordella, C.B.Y., Rutledge, D.N., Lees, M., Lahmar, A., Thouand, G., (2020).** Evaluation of the impact of buffered peptone water composition on the discrimination between *Salmonella enterica* and *Escherichia coli* by Raman spectroscopy. *Analytical and Bioanalytical Chemistry* 412 (15), 3595–3604.
- Barbieri, S., Brkić Bubola, K., Bendini, A., Bučar-Miklavčič, M., Lacoste, F., Tibet, U., Winkelmann, O., García-González, D.L., Gallina Toschi, T., (2020).** Alignment and Proficiency of Virgin Olive Oil Sensory Panels: The OLEUM Approach. *Foods* 9 (3), 355.
- Camín F., Simoni M., Hermann A., Thomas F., Perini M., (2020).** Validation of the 2H-SNIF NMR and IRMS Methods for Vinegar and Vinegar Analysis: An International Collaborative Study. *Molecules* 25 (2932), 11.
- Kumari, S., Tokarskyy, O., Marshall, D.L., (2020).** Dipping solutions of nisin and buffered sodium citrate supplemented with sodium diacetate fail to prevent growth of *Listeria monocytogenes* on vacuum packaged beef frankfurters stored at 4 and 10°C under model conditions. *Italian Journal of Food Science* 32 (2), 352–366.
- Legan, J.D., David, J.R., (2020).** Hurdle Technology - or is it? Multifactorial food preservation for the 21st century. *Antimicrobials in Foods, CRC Press*, 695–714.
- Liu, Z., Ren, K., Feng, Y., Uong, T., Krepich, S., You, H., (2020).** Rapid and Economic Determination of 13 Steviol Glycosides in Market-Available Food, Dietary Supplements, and Ingredients: Single-Laboratory Validation of an HPLC Method. *Journal of Agricultural and Food Chemistry* 68 (37), 10142–8.
- Musio, B., Ragone, R., Todisco, S., Rizzuti, A., Latronico, M., Mastroilli, P., Pontrelli, S., Intini, N., Scapicchio, P., Triggiani, M., Di Noia, T., (2020).** A community-built calibration system- the case study of quantification of metabolites in grape juice by qNMR spectroscopy. *Talanta* 214.
- Nader, W., Makara, O., Elsner, J., Brendel, T., Schubbert, R., (2020).** The DNA fingerprint in food forensics part II: the Jasmine rice case. *Agro Food Industry Hi Tech* 31 (1), 54–58.
- Pascale, M., Logrieco, A.F., Graeber, M., Hirschberger, M., Reichel, M., Lippolis, V., De Girolamo, A., Lattanzio, V.M., Slettengren, K., (2020).** Aflatoxin Reduction in Maize by Industrial-Scale Cleaning Solutions. *Toxins* 12 (5), 331.

Paul, M., (2020). Monitoring and analytics of *Listeria monocytogenes*: key facts for authorities, food manufacturers, and retailers. *Journal of Consumer Protection and Food Safety* 15, 1–3.

Petersen, M.B., Pedersen, L., Pedersen, L.M., Nielsen, L.R., (2020). Field Experience of Antibody Testing Against *Mycoplasma bovis* in Adult Cows in Commercial Danish Dairy Cattle Herds. *Pathogens* 9 (8).

Portaluri, V., Thomas, F., Guyader, S., Jamin, E., Bertrand, B., Remaud, G.S., Schievano, E., Mammi, S., Guercia, E., Navarini, L., (2020). Limited genotypic and geographic variability of 16-O-methylated diterpene content in *Coffea arabica* green beans. *Food Chemistry* 329, 127129.

Portaluri, V., Thomas, F., Jamin, E., Pernelle, E., Lafeuille, J.L., (2020). Fast and comprehensive authenticity screening of black pepper (*Piper nigrum*) using 1H-NMR profiling. *Annales des Falsifications et de l'expertise chimique et toxicologique* 993, 85–98.

Rausch, A.K., Brockmeyer, R., Schwerdtle, T., (2020). Development and Validation of a QuEChERS-Based Liquid Chromatography Tandem Mass Spectrometry Multi-Method for the Determination of 38 Native and Modified Mycotoxins in Cereals. *Journal of Agricultural and Food Chemistry* 68 (16), 4657–4669.

Schattschneider, S., Gottwald, J., Reichel, M., Schenk, J., Klemm, R., Becker, H., Gärtner, C., (2020). Kombispec: a microfluidics-based system for the fast on-site analytics in food production. *Proceedings of SPIE 11235, Microfluidics, BioMEMS, and Medical Microsystems XVIII*, 112350O, 1–5.

Spichtig, V., Austin, S., Brunt, K., Van Soest, J., Sanders, P., (2020). Determination of Fructans in Infant Formula and Adult/Pediatric Nutritional Formula by Anion-Exchange Chromatography with Pulsed Amperometric Detection after Enzymatic Treatment: Collaborative Study, Final Action 2016.14. *Journal of AOAC International* 103 (5), 1301–1317.

You, H., Ireland, B., Moeszinger, M., Zhang, H., Snow, L., Krepich, S., Takagawa, V., (2020). Determination of Select Nonvolatile Ginger Constituents in Dietary Ingredients and Finished Dosage Forms, First Action 2018.04. *Journal of AOAC International* 103 (1), 124–131.

2021 –

Andreo-Jimenez, B., Schilder, M.T., Nijhuis, E.H., Te Beest, D.E., Bloem, J., Visser, J.H., van Os, G., Brolsma, K., de Boer, W., Postma, J., (2021). Chitin- and keratin-rich soil amendments suppress *Rhizoctonia solani* disease via changes to the soil microbial community. *Applied and Environmental Microbiology* 87 (11), e00318–21.

Barbieri, S., Aparicio-Ruiz, R., Bubola, K.B., Bucar-Miklavcic, M., Lacoste, F., Tibet, U., Winkelmann, O., Bendini, A., Garcia-Gonzalez, D.L., Toschi, T.G., (2021). Performance testing of new artificial olfactory reference materials in virgin olive oil sensory assessment. *International Journal of Gastronomy and Food Science* 25, 100402.

Brown, M., (2021). Alternative Approaches for Qualitative Microbiological Method Matrix Additions. *Food Protection Trends* 41 (1), 152–162.

Brunt, K., Sanders, P., Ernste-Nota, V., Van Soest, J., (2021). Results Multi-Laboratory Trial ISO/CD 22184—IDF/WD 244: Milk and Milk Products—Determination of the Sugar Contents—High-Performance Anion Exchange Chromatography Method with Pulsed Amperometric Detection. *Journal of AOAC International* 104 (3), 732–756.

Gafner, S., Tenone, Y.R., Joliboise, J.H., Bellengere, P.J., You, H., (2021). Tales from the Elder: Adulteration Issues of Elder Berry. *HerbalEGram* (3).

- Ivarsen, E., Andersen, C.P., Jensen, S.M., Pedersen, C.T., Svaneborg, A.K., (2021).** Quantification of retinyl palmitate, thiamine, niacin, pyridoxine, folic acid, cyanocobalamin, zinc, and iron by chromatographic methods in fortified kernels and fortified rice. *Acta Chromatographica* 33 (2), 145–152.
- Mastovska, K., (2011).** Multiresidue analysis of antibiotics in food of animal origin using liquid chromatography-mass spectrometry (Chapter 12). *Mass Spectrometry in Food Safety: Methods and Protocols*, 267–307.
- Paul, M., Grube, M., Fecke, A., Mandix, M., (2021).** Ermittlung von Referenzdaten für den Wasser-/Eiweißquotienten bei Zuchtgarnelen der Art *Litopenaeus vannamei* in relevanten Ursprungsländern unter Berücksichtigung der Bearbeitungsstufen. *Deutsche Lebensmittel-Rundschau*, 247–259.
- Portaluri, V., Thomas, F., Jamin, E., Lorandel, B., Silvestre, V., Akoka, S., Remaud, G.S., (2021).** Vanillin isotopic intramolecular ¹³C profile through polarization transfer NMR pulse sequence and statistical modelling. *Food Control* 130, 108345.
- Portaluri, V., Thomas, F., Jamin, E., Akoka, S., Remaud, G.S., (2021).** Authentication of Agave Products through Isotopic Intramolecular ¹³C Content of Ethanol: Optimization and Validation of ¹³C Quantitative NMR Methodology. *ACS Food Science & Technology* 1 (7), 1316–1322.
- Rausch, A.K., Brockmeyer, R., Schwerdtle, T., (2021).** Development and validation of a liquid chromatography tandem mass spectrometry multi-method for the determination of 41 free and modified mycotoxins in beer. *Food Chemistry* 338, 127801.
- Rausch, A.K., Brockmeyer, R., Schwerdtle, T., (2021).** Development, validation, and application of a multi-method for the determination of mycotoxins, plant growth regulators, tropane alkaloids, and pesticides in cereals by two-dimensional liquid chromatography tandem mass spectrometry. *Analytical and Bioanalytical Chemistry* 413 (11), 3041–3054.
- Yang, J., Rainville, P., Liu, K., Pointer, B., (2021).** Determination of lactose in low-lactose and lactose-free dairy products using LC-MS. *Journal of Food Composition and Analysis* 100 (9), 103824.
- You, H., Gershon, H., Goren, F., Xue, F., Kantowski, T., Monheit, L., (2021).** Analytical strategies to determine the labelling accuracy and economically-motivated adulteration of “natural” dietary supplements in the marketplace: turmeric case study. *Food Chemistry* 370 (15), 131007.
- Dinis, K., Tsamba, L., Thomas, F., Jamin, E., Camel, V. (2022).** Preliminary authentication of apple juices using untargeted UHPLC-HRMS analysis combined to chemometrics. *Food Control* 139, p.109098.
- Knotters, M., Teuling, K., Reijneveld, A., Lesschen, J.P., Kuikman, P. (2022).** Changes in organic matter contents and carbon stocks in Dutch soils, 1998–2018. *Geoderma* 414, 115751.
- Marien A., Sedefoglu H., Dubois B., Maljean J., Francis F., Berben G., Guillet S., Morin J-F., Fumière O., Debode F., (2022).** Detection of *Alphitobius diaperinus* by Real-Time Polymerase Chain Reaction with a Single-Copy Gene Target. *Frontiers in Veterinary Science* 9, art. 718806.
- Perini M., Thomas F., Cabanero Ortiz A.I., Simoni M., Camin F., (2022).** Stable isotope ratio analysis of lactose as a possible potential geographical tracer of milk. *Food Control* 139, p.109051.
- Reijneveld, J.A., van Oostrum, M.J., Brolsma, K.M., Fletcher, D., Oenema, O. (2022).** Empower Innovations in Routine Soil Testing. *Agronomy* 12 (1), 191.
- Skrzypek G., Allison C., Böhlke J.K., Bontempo L., Brewer P., Camin F., Carter J.F., Chartrand M.M.J., Coplen T.B., Gröning M., Hélie J-F, Esquivel-Hernández G., Kraft R.A., Magdas D.A., Mann J.L., Meija J., Meijer H.A.J., Moossen H., Ogrinc N., Perini M., Possolo A., Rogers K., Schimmelmann A., Shemesh A., Soto D.X., Thomas F., Wielgosz R., Winchester M.R., Yan Z., Dunn P.J.H., (2022).** Minimum requirements for publishing hydrogen, carbon, nitrogen, oxygen and sulfur stable-isotope delta results (IUPAC Technical Report). *Pure and Applied Chemistry* 94 (11-12), 1249-1255.

- Thomas F., (2022).** Analyse non ciblée en authenticité l'IA pour la gestion des bases de données et l'interprétation dans le contrôle alimentaire. *Annales des Falsifications, de l'Expertise Chimique et Toxicologique* 996, 48-61.
- Yang, P., Reijneveld, A., Lerink, P., Qin, W. and Oenema, O. (2022).** Within-field spatial variations in subsoil bulk density related to crop yield and potential CO₂ and N₂O emissions. *Catena* 213, 106156
- Bontempo L., Perini M., Pianezze S., Horacek M., Roßmann A., Kelly S.D., Thomas F., Heinrich K.; Schlicht C., Schellenberg A., Hoogewerff J., Heiss G., Wimmer B., Camin F., (2023).** Characterization of Beef Coming from Different European Countries through Stable Isotope (H, C, N, and S) Ratio Analysis. *Molecules* 28 (2856).
- Dib O.H., Assaf A., Grangé E., Morin J-F., Cordella C.B.Y., Thouand G., (2023).** Automatic Recognition of Food Bacteria Using Raman Spectroscopy and Chemometrics: A Comparative Study of Multivariate Models. *Vibrational Spectroscopy* 126, 103535.
- Dinis, K., Tsamba, L., Jamin, E. and Camel, V. (2023).** Untargeted metabolomics-based approach using UHPLC-HRMS to authenticate carrots (*Daucus carota* L.) based on geographical origin and production mode. *Food Chemistry* 423, 136273.
- Gilbert A., Thomas F., Akoka S., (2023).** Position-Specific ¹³C Isotope Analysis by NMR as a Tool for Authentication of Ethanol-Containing Beverages. *Handbook of Isotopologue Biogeochemistry* N. Yoshida et al. (eds.), Springer Nature Singapore Pte Ltd, pp1-27.
- Jiao, E., Larsson, P., Wang, Q., Zhu, Z., Yin, D., Kärrman, A., van Hees, P., Karlsson, P., Qiu, Y., Yeung, L.W.Y. (2023).** Further Insight into Extractable (Organo)fluorine Mass Balance Analysis of Tap Water from Shanghai, China. *Environmental Science & Technology* 57, 38, 14330-14339.
- Jungen M., Dragičević N., Rodriguez-Werner M., Schmidt S., Dinis K., Tsamba L., Jamin E., Fiedler T., Fischbach N., Steingass C.B., Camel Valé., Schweiggert R. (2023).** A pragmatic authenticity assessment of lemon (*Citrus limon* [L.] Burm.f.) juices by its profile of coumarins, psoralens, and polymethoxyflavones. *Food Control* 146, 109529.
- Lionel Jordan-Meille, L., Denoroy, P., Dittert, K., Cugnon, T., Quemada, M., Wall, D., Bechini, L., Marx, S., Oenema, O., Reijneveld, A., Liebisch, F., Diedhiou, K., Degan, F., Higgins, S. (2023).** Comparison of nitrogen fertilisation recommendations of West European Countries. *European Journal of Soil Science* 74 (6), e13436.
- Reijneveld, J.A., van Oostrum, M.J., Brolsma, K.M., Oenema, O. (2023).** Soil Carbon Check: A Tool for Monitoring and Guiding Soil Carbon Sequestration in Farmer Fields. *Frontiers of Agricultural Sciences and Engineering* 10 (2), 248-261.
- Remaud G., Akoka S., Thomas F. (2023).** Position-Specific ¹³C Isotope Analysis by NMR as a Tool for Characterizing the Manufacturing Process Used and for Fighting Pharmaceuticals Counterfeiting. *Handbook of Isotopologue Biogeochemistry* N. Yoshida et al. (eds.), Springer Nature Singapore Pte Ltd, pp1-39.
- Remaud G., Thomas F., Akoka S. (2023).** Contribution of Position-Specific Isotope Analysis for Characterizing the Origin of Vanillin Keeping One Step Ahead of the Fraudster. *Handbook of Isotopologue Biogeochemistry* N. Yoshida et al. (eds.), Springer Nature Singapore Pte Ltd., pp1-31.
- Tan, M., Hou, Y., Zhang, T., Ma, Y., Long, W., Gao, C., Liu, P., Fang, Q., Dai, G., Shi, S., Reijneveld, A., Oenema, O. (2023).** Relationships between livestock density and soil phosphorus contents – County and farm level analyses. *Catena* 222, 106817.

FORENSIC SERVICES

1990 – 2000

Thomson, J., Pilotti, V., Stevens, P., Ayres, K., Debenham, P., (1999). Validation of short tandem repeat analysis for the investigation of cases of disputed paternity. *Forensic Science International* 100, 1–6.

2001 – 2010

Masters, J., Thomson, J., (2001). Short tandem repeat profiling provides an international reference standard for human cell lines. *Proceedings of the National Academy of Sciences* 98, 8012–8017.

Thomson, J., Pilotti, V., Stevens, P., Ayres, K., Debenham, P., (2001). Analysis of disputed single-parent/child and sibling relationships using 16 STR loci. *International Journal of Legal Medicine* 115, 128–134.

Cirimele, V., Kintz, P., Lohner, S., Ludes, B., (2003). Enzyme immunoassay validation for the detection of buprenorphine in urine. *Journal of Analytical Toxicology* 27 (2), 103–105.

Cirimele, V., Villain, M., Pepin, G., Ludes, B., Kintz, P., (2003). Screening procedure for 8 quaternary nitrogen muscle relaxants in blood by HPLC-ESI-MS. *Journal of Chromatography* 789 (1), 107–113.

Dawson, M., Warner, R., Nolan, A., McKeown, B., Thomson, J., (2003). Complex PrP genotypes identified by the National Scrapie Plan. *The Veterinary record* 152, 754–755.

Etienne, S., Cirimele, V., Ludes, B., Kintz, P., (2003). Lettre à la rédaction: Suicide par ingestion massive d'acébutolol. *Annales de Toxicologie Analytique* 15 (1), 63–66.

Gilbert, P., (2003). Cannabis et conduite automobile. *Journal de Médecine Légale Droit Médical* 42 (58), 27–35.

Kintz, P., Villain, M., Cirimele, V., Janey, C., Ludes, B., (2003). Décret n° 2003-293 du 31 mars 2003. Restitution de permis de conduire à partir d'analyses de cheveux. *Annales de Toxicologie Analytique* 15 (2), 117–122.

Kintz, P., Villain, M., Cirimele, V., Ludes, B., (2003). Cheveux et criminalité routière en matière de stupéfiants. *Journal de Médecine Légale Droit Médical* 46 (2), 155–159.

Kintz, P., Villain, M., Tracqui, A., Cirimele, V., Ludes, B., (2003). Buprenorphine as a drug-facilitated sexual abuse. A Fatal Case Involving a 14-Year-Old Boy. *Journal of Analytical Toxicology* 27 (7), 527–529.

Kintz, P., Cirimele, V., Jamey, C., Ludes, B., (2003). Testing for GHB in hair by GC/MS/MS after a single exposure. Application to document sexual assault. *Journal of Forensic Sciences* 48 (1), 195–200.

Villain, M., Cirimele, V., Ludes, B., Kintz, P., (2003). Ultra-rapid procedure to test for GHB in blood and urine by GC/MS. *Journal of Chromatography* 792 (1), 83–87.

Villain, M., Cirimele, V., Tracqui, A., Ricaut, F.X., Ludes, B., Kintz, P., (2003). Testing for kavain in human hair using gas chromatography–tandem mass spectrometry. *Journal of Chromatography B* 798 (2), 351–354.

Villain, M., Dumestre, V., Cirimele, V., Ludes, B., Kintz, P., (2003). Attention: Faux positifs en GC/MS. *Annales de Toxicologie Analytique* 15 (1), 60–62.

Cirimele, V., Etienne, S., Villain, M., Ludes, B., Kintz, P., (2004). Evaluation of the One-step ELISA kit for the detection of buprenorphine in urine, blood and hair specimens. *Forensic Science International* 143 (2–3), 153–156.

Duhem, C., Villain, M., Pellissier, A.L., Cirimele, V., Kintz, P., (2004). Détermination du GHB dans les poils pubiens par chromatographie gazeuse couplée à la spectrométrie de masse en tandem. *Annales de Toxicologie Analytique* 16 (4), 253–256.

Kintz, P., Villain, M., Cirimele, V., (2004). Hair analysis in clinical toxicology. *Clinical Chemistry and Laboratory Medicine* 42, 1265–1272.

Kintz, P., Villain, M., Cirimele, V., (2004). Soumission chimique par le zolpidem: Discrimination par analyse des cheveux. *Journal de Médecine Légale Droit Médical* 47 (6–7), 308–311.

Kintz, P., Villain, M., Cirimele, V., Ludes, B., (2004). GHB in postmortem toxicology: Discrimination between endogenous production from exposure using multiple specimens. *Forensic Science International* 143 (2–3), 177–181.

Kintz, P., Villain, M., Cirimele, V., Pépin, G., Ludes, B., (2004). Windows of detection of lorazepam in urine, oral fluid and hair, with a special focus on drug-facilitated crimes. *Forensic Science International* 145 (2–3), 131–135.

Kintz, P., Villain, M., Ludes, B., (2004). Testing for the undetectable in drug-facilitated sexual assault using hair – analyzed by tandem mass spectrometry – as an evidence. *Therapeutic Drug Monitoring* 26 (2), 211–214.

Kintz, P., Villain, M., Jamey, C., Cirimele, V., Tracqui, A., Ludes, B., (2004). GHB dans le sang postmortem, Critères d'interprétation. *Annales de Toxicologie Analytique* 16 (2), 133–138.

Raul, J.S., Cirimele, V., Ludes, B., Kintz, P., (2004). Detection of physiological concentrations of cortisol and cortisone in human hair. *Clinical Biochemistry* 37 (12), 1105–1111.

Villain, M., Cirimele, V., Kintz, P., (2004). Substance abuse in sports: Detection of doping agents in hair by mass spectrometry. In *Advances in Forensic Applications of Mass spectrometry*, Jehuda Yinon éditeur, CRC Press publisher, 129–148.

Villain, M., Cirimele, V., Tracqui, A., Ludes, B., Kintz, P., (2004). Racine de kava dans les cheveux: Dosage de la kavaine par CG-SM/SM. *Annales de Toxicologie Analytique* 16 (1), 85–87.

Kintz, P., Villain, M., Cirimele, V., (2005). Dioxins and furans determination in post mortem blood by gas chromatography – high resolution mass spectrometry. *Journal of Analytical Toxicology* 29 (2), 90–94.

Kintz, P., Villain, M., Dumestre, V., Cirimele, V., (2005). Evidence of addiction of anesthesiologists as documented by hair analysis. *Forensic Science International* 153 (1), 81–84.

Kintz, P., Bernhard, W., Villain, M., Gasser, M., Aebi, B., Cirimele, V., (2005). Testing drivers under the influence of cannabis in oral fluid using the Drugwipe device and confirmation by GC/MS after Intercept device collection. *Journal of Analytical Toxicology* 29, 724–727.

Kintz, P., Villain, M., Concheiro, M., Cirimele, V., (2005). Screening and confirmatory method for benzodiazepines and hypnotics in oral fluid by LC-MS/MS. *Forensic Science International* 150 (2–3), 213–220.

Kintz, P., Villain, M., Dumestre-Toulet, V., Capolaghi, B., Cirimele, V., (2005). Methadone as a Chemical Weapon: Two Fatal Cases Involving Babies. *Therapeutic Drug Monitoring* 27 (6), 741–743.

Kintz, P., Villain, M., Dumestre-Toulet, V., Cirimele, V., (2005). Utilité de la LC-MS/MS dans les agressions sexuelles sous l'emprise de molécules psychoactives; Etude d'un cas impliquant le zolpidem. *Annales de Toxicologie Analytique* 17 (4), 263–268.

Villain, M., Concheiro, M., Cirimele, V., Kintz, P., (2005). Screening method for benzodiazepines and hypnotics in hair at pg/mg level by LC-MS/MS. *Journal of Chromatography B* 825 (1), 72–78.

- Villain, M., Cirimele, V., Kintz, P., (2005).** Soumission chimique, Recherche des benzodiazépines et hypnotiques dans les cheveux par LC-MS/MS. *Annales de Toxicologie Analytique* 17 (1), 33–42.
- Bresson, M., Cirimele, V., Villain, M., Kintz, P., (2006).** Doping control for metandienone using hair analyzed by gas chromatography-tandem mass spectrometry. *Journal of Chromatography B* 836, 124–128.
- Bresson, M., Cirimele, V., Villain, M., Kintz, P., (2006).** Stéroïdes anabolisants: Usage thérapeutique ou usage détourné ?. *Annales de Toxicologie Analytique* 18 (1), 65–75.
- Cirimele, V., (2006).** Amphetamine determination in hair. Analytical and Practical Aspects of Drug Testing in Hair, P. Kintz éditeur, *CRC Taylor & Francis Group*, 143–161.
- Cirimele, V., Villain, M., Mura, P., Bernard, M., Kintz, P., (2006).** Oral fluid testing for cannabis: On-site OraLine® IV s.a.t. device versus GC/MS. *Forensic Science International* 161 (2–3), 180–184.
- Kintz, P., (2006).** Soumission chimique: À la recherche de l'indélectable. *Journal de Médecine Légale Droit Médical* 49 (156), 77–83.
- Kintz, P., Villain, M., Bargul, Y., Charlot, J.Y., Cirimele, V., (2006).** Testing for atropine and scopolamine in hair by LC-MS/MS after Datura inoxia abuse. *Journal of Analytical Toxicology* 30 (7), 454–457.
- Kintz, P., Villain, M., Cirimele, V., (2006).** Analytical approaches for drugs in biological matrices other than urine. Drug Abuse Handbook, Steven Karch éditeur, *CRC Taylor & Francis*, 800–813.
- Kintz, P., Villain, M., Simonin, J., Cirimele, V., (2006).** Aspects médico-légaux de la prolifération des médicaments destinés au traitement des troubles de l'érection. *Annales de Toxicologie Analytique* 18 (1), 17–23.
- Kintz, P., Villain, M., Cirimele, V., (2006).** Dépistage des conduites addictives; Intérêt de l'analyse des cheveux. *Spectra Biologie* 150, 40–43.
- Kintz, P., Villain, M., Cirimele, V., (2006).** Determination of trimeprazine-facilitated sedation in children by hair analysis. *Journal of Analytical Toxicology* 30 (6), 400–402.
- Kintz, P., Villain, M., Cirimele, V., (2006).** Hair analysis for drug detection. *Therapeutic Drug Monitoring* 28 (3), 442–446.
- Kintz, P., Ginet, M., Cirimele, V., (2006).** Multi-elementary screening by ICP-MS in two specimens of Napoleon's hair. *Paléorient* 30 (6), 621–623.
- Marc, B., Kintz, P., Cirimele, V., Riad, C., Jeleff, C., (2006).** L'herbe du diable à l'heure d'Internet. *Journal de Médecine Légale Droit Médical* 49, 227–234.
- Pujol, M.L., Tritsch, P.J., Cirimele, V., Kintz, P., (2006).** Dépistage de 4 classes de stupéfiants dans les cheveux par technique ELISA à l'aide du test One-Step et confirmation par GC/MS. *Annales de Toxicologie Analytique* 18 (4), 291–296.
- Pujol, M.L., Villain, M., Salquèbre, G., Vallet, E., Cirimele, V., Kintz, P., (2006).** Scopolamine: Un nouveau cas de soumission médicamenteuse sur des enfants. *Annales de Toxicologie Analytique* 18 (3), 207–212.
- Villain, M., Tournoud, C., Fleisch, F., Cirimele, V., Kintz, P., (2006).** Hair to document exposure to glibenclamide. *Journal of Chromatography B* 842 (2), 111–115.
- French, D.J., Jones, D., McDowell, D.G., Thomson, J.A., Debenham, P.G., (2007).** Analysis of multiple single nucleotide polymorphisms closely positioned in the ovine PRNP gene using linear fluorescent probes and melting curve analysis. *BMC Infectious Diseases* 7 (1), 1–10.
- Kintz, P., Evans, J., Villain, M., Salquèbre, G., Cirimele, V., (2007).** Hair analysis for diphenhydramine after surreptitious administration to a child. *Forensic Science International* 173 (2–3), 171–174.

- Kintz, P., Ginet, M., Marques, N., Cirimele, V., (2007).** Arsenic speciation of two specimens of Napoleon's hair. *Forensic Science International* 170 (2–3), 204–206.
- Kintz, P., Villain, M., Evans, J., Pujol, M.L., Salquebre, G., Cirimele, V., (2007).** A case of abuse in which children were forced to take tablets containing scopolamine: Segmental analysis of hair for scopolamine by ultra performance liquid chromatography – mass spectrometry. *Forensic Toxicology* 25 (1), 49–52.
- Pujol, M.L., Cirimele, V., Tritsch, P.J., Villain, M., Kintz, P., (2007).** Evaluation of the IDS One-Step ELISA kits for the detection of illicit drugs in hair. *Forensic Science International* 170 (2–3), 189–192.
- Salquèbre, G., Bresson, M., Villain, M., Cirimele, V., Kintz, P., (2007).** Clenbuterol determination in calf hair by UPLC-MS-MS: Case report of a fraudulent use from cattle growth. *Journal of Analytical Toxicology* 31 (2), 114–118.
- Simonin, J., Salquebre, G., Cirimele, V., Kintz, P., (2007).** Criblage de 4 classes de stupéfiants dans la salive par LC-MS/MS. *Annales de Toxicologie Analytique* 19 (2), 141–150.
- Cirimele, V., Villain, M., Salquèbre, G., Staub, C., Kintz, P., (2008).** Hair analysis to document a clinical case of TCDD over-exposure. *Forensic Science International* 176 (1), 51–53.
- Forster, L., Thomson, J.A., Kutranov, S., (2008).** Direct comparison of post-28-cycle PCR purification and modified capillary electrophoresis methods with the 34-cycle “low copy number” (LCN) method for analysis of trace forensic DNA samples. *Forensic Science International: Genetics* 2, 318–328.
- Kintz, P., Salquebre, G., Villain, M., Cirimele, V., (2008).** Détection du 7-aminoflunitrazépam dans de la matière cérébrale par UPLC-ToF/MS. *Annales de Toxicologie Analytique* 20 (2), 103–105.
- Kintz, P., Villain, M., Cirimele, V., (2008).** Chemical abuse in the elderly: Evidence from hair analysis. *Therapeutic Drug Monitoring* 30 (2), 218–224.
- Kintz, P., Villain, M., Cirimele, V., (2008).** Cyclisme et hypnotiques (zolpidem): Incompatibles?. *Annales de Toxicologie Analytique* 20 (4), 181–182.
- Kintz, P., Villain, M., Cirimele, V., (2008).** Ethylglucuronide (marqueur de l'éthylisme chronique) et poils. *Annales de Toxicologie Analytique* 20 (1), 55–56.
- Kintz, P., Villain, M., Vallet, E., Etter, M., Salquebre, G., Cirimele, V., (2008).** Ethyl glucuronide: Unusual distribution between head hair and pubic hair. *Forensic Science International* 176 (1), 87–90.
- Kintz, P., Villain, M., Cirimele, V., (2008).** External post mortem artefact: A key issue in hair result interprétation. *Annales de Toxicologie Analytique* 20 (3), 121–126.
- Villain, M., Evans, J., Cirimele, V., Kintz, P., (2008).** Arrêter de fumer peut tuer ! *Annales de Toxicologie Analytique* 20 (4), 223–226.
- Villain, M., Vallet, E., Cirimele, V., Kintz, P., (2008).** Mise en évidence d'une soumission chimique à le niaprazine chez des enfants par analyse des cheveux en CL-SM/SM. *Annales de Toxicologie Analytique* 20 (2), 85–87.
- Cirimele, V., Mandel, A., Villain, M., Kintz, P., (2009).** Utilisation en routine des tests ELISA One-Step™ (International Diagnostic Systems Corp). *Annales de Toxicologie Analytique* 21 (1), 9–12.
- Kintz, P., Brunet, B., Muller, J.F., Serra, W., Villain, M., Cirimele, V., Mura, P., (2009).** Evaluation of the Cozart DDSV test for cannabis in oral fluid. *Therapeutic Drug Monitoring* 31 (1), 131–134.

Kintz, P., Evans, J., Villain, M., Chatterton, C., Cirimele, V., (2009). Hair analysis to demonstrate administration of sildénafil to a woman in case of drug-facilitated sexual assault. *Journal of Analytical Toxicology* 33 (8), 553–556.

Kintz, P., Evans, J., Villain, M., Cirimele, V., (2009). Smoking cessation with varenicline: A suicidal fatality. *Journal of Analytical Toxicology* 33 (2), 118–120.

Kintz, P., Villain, M., Mandel, A., Cirimele, V., (2009). Les marqueurs de l'éthylisme chronique. Focus sur les approches immuno-chimiques. *Annales de Toxicologie Analytique* 21 (1), 21–26.

Cirimele, V., Baumgartner, M., Vallet, E., Duez, M., (2010). Interprétation des concentrations de GHB mesurées dans les cheveux. *Annales de Toxicologie Analytique* 22 (4), 161–4.

Payen, C., Dellinger, A., Pulce, C., Cirimele, V., Carbonnel, V., Kintz, P., Descotes, J., (2010). Intoxication by large amounts of barium nitrate overcome by early massive K supplementation and oral administration of magnesium sulphate. *Human and Experimental Toxicology* 30 (1), 34–37.

Schubbert, R., Wiehler, J., (2010). DNA-Forensik schützt Biotech-Patente (DNA Forensics protects Biotech patents). *Nachrichten aus der Chemie* 58 (10), 1036–1037.

2011 – 2020

Cirimele, V., Pélissier, A.L., (2011). Le dépistage urinaire, Drogues et Accidentalité. *EDP Sciences,*

Cowen, S., Debenham, P., Dixon, A., Kutranov, S., Thomson, J., Way, K., (2011). An investigation of the robustness of the consensus method of interpreting low-template DNA profiles. *Forensic Science International: Genetics* 5, 400–406.

Rolf, B., Bulander, N., Wiegand, P., (2011). Insertion-/deletion polymorphisms close to the repeat region of STR loci can cause discordant genotypes with different STR kits. *Forensic Science International: Genetics* 5 (4), 339–341.

Zehethofer, K., Rolf, B., (2011). A molecular analysis of three amelogenin negative males in two routine paternity tests. *Forensic Science International: Genetics* 5 (5), 550–551.

Chèze, M., Hoizey, G., Deveaux, M., Muckensturm, A., Vayssette, F., Billault, F., Pépin, G., (2012). Une série de nouveaux cas d'intoxication par le GHB ou la GBL. *Annales de Toxicologie Analytique* 24 (2), 59–65.

Coopman, V., Cordonnier, J., (2012). Counterfeit drugs and pharmaceutical preparations seized in the illegal market among bodybuilders. *Annales de Toxicologie Analytique* 24 (2), 73–80.

Coopman, V., Delbeke, P., Van Ingelgem, A., De Leeuw, M., Cordonnier, J., (2012). Spectroscopic characterization of 4-methylamphetamine: Formaldehyde adduct formation hindered the identification by mass spectrometry. *Annales de Toxicologie Analytique* 24 (4), 159–163.

Huys, G., Coopman, V., Van Varenbergh, D., Cordonnier, J., (2012). Selective culturing and genus-specific PCR detection for identification of *Aeromonas* in tissue samples to assist the medico-legal diagnosis of death by drowning. *Forensic Science International* 221 (1–3), 11–15.

Maillaud, C., Barguil, Y., Mikulski, M., Cheze, M., Pivert, C., Deveaux, M., Lapostolle, F., (2012). First successful curative use of digoxin-specific Fab antibody fragments in a life-threatening coconut crab (*Birgus latro* L) poisoning. *Toxicon* 60 (6), 1013–1017.

Martin, M., Muller, J.F., Turner, K., Duez, M., Cirimele, V., (2012). Evidence of chronic mephedrone abuse through hair analysis using GC/MS. *Forensic Science International* 218 (1–3), 44–48.

- Saoudi, A., Zeghnoun, A., Bidondo, M.L., Garnier, R., Cirimele, V., Persoons, R., Fréry, N., (2012).** Urinary arsenic levels in the French adult population the French National Nutrition and Health Study, 2006–2007. *Science of The Total Environment* 433, 206–215.
- Sastre, C., Chèze, M., Baillif-Couniou, V., Deveaux, M., Pépin, G., Leonetti, G., Pélissier-Alicot, A.L., (2012).** Amnésie antérograde consécutive à l'absorption de MDMA et d'alcool : À propos d'un cas. *Annales de Toxicologie Analytique* 24 (1), 23–27.
- Bright, J., Curran, A., Hopwood., Puch-Solis, R., Buckleton, J., (2013).** Consideration of the probative value of single donor 15-plex STR profiles in UK populations and its presentation in UK courts II. *Science & Justice* 53, 371.
- Puch-Solis, R., Rodgers, L., Mazumder, A., Pope, S., Evett, I., Curran, J., Balding, D., (2013).** Evaluating forensic DNA profiles using peak heights, allowing for multiple donors, allelic dropout and stutters. *Forensic Science International: Genetics* 7 (5), 555–563.
- Sastre, C., Baillif-Couniou, V., Kintz, P., Cirimele, V., Bartoli, C., Christia-Lotter, M.A., Piercecchi-Marti, M.D., Leonetti, G., Pelissier-Alicot, A.L., (2013).** Fatal Accidental Hydrogen Sulfide Poisoning: A Domestic Case. *Journal of Forensic Sciences* 58 (1), 280–284.
- Chatterton, C., Turner, K., Klinger, N., Etter, M., Duez, M., Cirimele, V., (2014).** Interpretation of pharmaceutical drug concentrations in young children's head hair. *Journal of Forensic Sciences* 59 (1), 281–286.
- Chèze, M., Gaulier, J.M., (2014).** Chap 8. Drugs involved in DFC. Analytical aspects. 2 – hair. In Kintz P., (Ed.), *Toxicological aspects of drug-facilitated crimes*, 181–222.
- Djezzar, S., Richard, N., Deveaux, M., (2014).** Chap 2. Epidemiology of drug-facilitated crimes and drug-facilitated sexual assaults. In Kintz P., (Ed.), *Toxicological aspects of drug-facilitated crimes*,
- Gilbert, P., (2014).** Chap 1. The history of drug-facilitated crimes in France. In Kintz P., (Ed.), *Toxicological aspects of drug-facilitated crimes*.
- Kintz, P., Alvarez, J.C., Deveaux, M., Dumestre, V., Gaillard, Y., Gaulier, J.M., (2014).** Conflicting hair testing results can have an impact in courts: Interpretation of single exposure to zolpidem. *Journal of Analytical Toxicology* 38 (5), 304–305.
- Kintz, P., Vayssette, F., Deveaux, M., (2014).** Compendium of results from hair tested for anabolics. *Toxicologie Analytique et Clinique* 26 (4), 197–200.
- Humbert, L., Hoizey, G., Lhermitte, M., (2014).** Chap 7. Drugs involved in DFC. Analytical aspects. 1 – blood and urine. In Kintz P., (Ed.), *Toxicological aspects of drug-facilitated crimes*, 159–180.
- Moreau, E., Rérolle, C., Deveaux, M., Paraf, F., Saint-Martin, P., (2014).** Exogenous Lipoid Pneumonia as a Contributory Factor in a Drug-related Death. *Journal of Forensic Sciences* 60 (2),
- Puch-Solis, R., Clayton, T., (2014).** Evidential evaluation of DNA profiles using a discrete statistical model implemented in the DNA LiRa software. *Forensic Science International: Genetics* 11, 220–228.
- Puch-Solis, R., Rodgers, L., Mazumder, A., Pope, S., Evett, I., Curran, J., Balding, D., (2014).** A dropin peak height model. *Forensic Science International: Genetics* 11, 80–84.
- Weber-Lehmann, J., Schilling, E., Gradl, G., Richter, D.C., Wiehler, J., Rolf, B., (2014).** Finding the needle in the haystack: Differentiating “identical” twins in paternity testing and forensics by ultra-deep next generation sequencings. *Forensic Science International: Genetics* 9, 42–46.
- Langrand, J., Robin, A., Deveaux, M., Alvarez, J.C., Castot-Villepelet, A., (2015).** Décès toxiques en Île-de-France. *Bulletin de Veille Sanitaire*, 24–27.

Legout, C., Villa, A., Baud, F., Baffert, E., Eftekhari, P., Langrand, J., Robin, A., Alvarez, J.C., Deveaux, M., Aergerte, r P., Galichon, B., Laouar, H., Castot-Villepelet, A., Garnier, R., (2015). Bilan de l'expérimentation: Vers la mise en place d'une surveillance multi-sources des intoxications aiguës en France ? *Bulletin de Veille Sanitaire*, 29–33.

Maillaud, C., Barguil, Y., Cheze, M., Mikulski, M., St Gilles, H.L.C., Lapostolle, F., Hnawia, E., Lebouvier, N., Pivert, C., Deveaux, M., Nour, M., (2015). Caractérisation des intoxications par le crabe de cocotier *Birgus latro* L. *Médecine et Santé Tropicales* 25, 285–290.

Coopman, V., Blanckaert, P., Van Parys, G., Van Calenbergh, S., Cordonnier, J., (2016). A case of acute intoxication due to combined use of fentanyl and 3,4-dichloro-N-[2-(dimethylamino) cyclohexyl]-N-methylbenzamide (U-47700). *Forensic Science International* 266, 68–72.

Coopman, V., Cordonnier, J., De Leeuw, M., Cirimele, V., (2016). Ocfentanil overdose fatality in the recreational drug scene. *Forensic Science International* 266, 469–473.

Delannoy, Y., Sec, I., Deveaux, M., Plu, I., Ludes, B., (2016). Les cathinones de synthèse: Une nouvelle classe de substances psychoactives. *Experts*, 51–4.

Evet, I., Pope, S., Puch-Solis, R., (2016). Providing Scientific Guidance on DNA to the judiciary. *Science & Justice* 56 (4), 278–281.

Hoizey, G., Cheze, M., Villa, A., Muckensturm, A., Pepin, G., Garnier, R., Deveaux, M., (2016). Intoxication volontaire par la ricine: Description d'un cas avec détermination des concentrations de ricinine dans le sang et l'urine. *Toxicologie Analytique et Clinique* 28 (1), 43–9.

Legout, C., Villa, A., Baud, F., Baffert, E., Eftekhari, P., Langrand, J., Robin, A., Alvarez, J.C., Blanc, I., Deveaux, M., Aegerter, P., (2016). Observatoire multisources des intoxications aiguës Francele de France: Une étude exploratoire. *Bulletin Epidémiologique Hebdomadaire* 32-33, 579–585.

Moore, D., Clayton, T., Thomson, J., (2016). Description of artefacts in the PowerPlex Y231 system associated with excessive quantities of background female DNA. *Forensic Science International: Genetics* 24, 44–50.

Pélissier, A.L., Eysseric, H., Deveaux, M., Gaulier, J.M., Alvarez, J.C., Fanton, L., Beydon, L., Kintz, P., (2016). Recommandations pour la réalisation d'une expertise toxicologique médico-judiciaire dans le cadre d'un décès en condition de sédation profonde. *Toxicologie Analytique et Clinique*, 333–4.

Pope, S., Evett, I., Puch-Solis, R., (2016). Adventitious match probability for autosomal profiles when a primer binding site mutation is possible. *Forensic Science International: Genetics* 24, 143–147.

Ameline, A., Aknouche, F., Alvarez, J.C., Chèze, M., (2017). SFTA guidelines for toxicological analysis in deaths involving NPS in France. *TIAFT Bulletin* 47 (4), 16–8.

Hoizey, G., Chèze, M., Muckensturm, A., Eliot, E., Borlot, A.L., Pépin, G., Deveaux, M., (2017). Ayahuasca et vulnérabilité chimique: À propos d'un cas. *Toxicologie Analytique et Clinique* 29 (2), 241–245.

Risseuw, M.D., Blanckaert, P., Coopman, V., Van Quekelberghe, S., Van Calenbergh, S., Cordonnier, J., (2017). Identification of a new tert-leucinolate class synthetic cannabinoid in powder and 'spice-like' herbal incenses: Methyl 2-[[1-(5-fluoropentyl) indole-3-carbonyl] amino]-3,3-dimethyl-butanoate (5F-MDMB-PICA). *Forensic Science International* 273, 45–52.

Baillif-Couniou, V., Bartoli, C., Sastre, C., Chèze, M., Deveaux, M., Léonetti, G., Pélissier-Alicot, A.L., (2018). Repeated attempted homicide by administration of drugs documented by hair analysis. *Journal of Forensic and Legal Medicine* 54, 82–86.

- Blanckaert, P., Coopman, V., Van Calenbergh, S., Cordonnier, J., (2018).** Identification and characterization of 4-chloromethamphetamine (4-CMA) in confiscated ecstasy tablet – a risk to public health. *Forensic Science International* 288, 173–180.
- Delteil, C., Sastre, C., Piercecchi, M.D., Faget-Agius, C., Deveaux, M., Kintz, P., Devooght, M.A., Leonetti, G., Bartoli, C., Pélissier-Alicot, A.L., (2018).** Death by self-mutilation after oral cannabis consumption. *Legal Medicine* 30, 5–9.
- Hoizey, G., Rey-Salmon, C., Meyer, P., Chèze, M., Billault, F., Medrano, E., Deveaux, M., (2018).** Intoxication mortelle d'un nourrisson par un dispositif transdermique de fentanyl. *Toxicologie Analytique et Clinique* 30 (4), 263–267.
- Krawczak, M., Budowle, B., Weber-Lehmann, J., Rolf, B., (2018).** Distinguishing genetically between the germlines of male monozygotic twins. *PLoS genetics* 14 (12).
- Musgrave, N.R., Thorne, O.T., (2018).** Exploitation of the Ultraviolet Properties and Machine Cut Edges of Paper to Associate and Sequence Sheets in a Ream. *Journal of Forensic Sciences* 63, 1450–1456.
- Allibe, N., Billault, F., Moreau, C., Marchard, A., Gaillard, Y., Hoizey, G., Eysseric-Guerin, H., Milan, H., (2019).** Francefentanil in France: seven case reports (2016-2018). *Toxicologie Analytique et Clinique* 31 (4), 317–322.
- Fabresse, N., Becam, J., Carrara, L., Descoeur, J., Di Mario, M., Drevin, G., Duval, T., Hannas, N., Lanot, T., Marillier, M., Palayer, M., Sénéchal, H., Salle, S., (2019).** Cannabinoïdes et thérapeutique. *Toxicologie Analytique et Clinique* 31 (3), 153–172.
- Lepennetier, O., Raphalen, J.-H., Deveaux, M., Carton, S., Léger, S., Baud, F.J., Lamhaut, L., Carli, P., (2019).** Toxicodynamique lors d'une intoxication aiguë par inhalation de scopolamine par acte de malveillance. *Toxicologie Analytique et Clinique* 31 (3), 183–188.
- Caré, W., Langrand, J., Vodovar, D., Deveaux, M., Alvarez, J.C., Megarbane, B., Dorandeu, F., (2020).** Trends in severe opioid-related poisonings and fatalities reported to the Paris poison control center - a 10-year retrospective observational study. *Fundamental & Clinical Pharmacology* 34 (4), 495–503.
- Dufayet, L., Gorgiard, C., Vayssette, F., Barbet, J.P., Hoizey, G., Ludes, B., (2020).** Death of an apprentice bodybuilder following 2,4-dinitrophenol and clenbuterol intake. *International Journal of Legal Medicine* 134 (4), 1003–1006.
- Konold, T., Spiropoulos, J., Thorne, J., Phelan, L., Fothergill, L., Rajanayagam, B., Floyd, T., Vidana, B., Charnley, J., Coates, N., Simmons, M., (2020).** The Scrapie Prevalence in a Goat Herd Is Underestimated by Using a Rapid Diagnostic Test. *Frontiers in Bioengineering and Biotechnology* 8, 164.
- Moore, D., Clayton, T., Thomson, J., (2020).** A comprehensive study of allele drop-in over an extended period of time. *Forensic Science International: Genetics* 48, 102332.
- Rolf, B., Krawczak, M., (2020).** The germlines of male monozygotic (MZ) twins: Very similar, but not identical. *Forensic Science International: Genetics* 50, 102408.
- Thomson, J., Clayton, T., Cleary, J., Gleeson, M., Kennett, D., Leonard, M., Rutherford, D., (2020).** An empirical investigation into the effectiveness of genetic genealogy to identify individuals in the UK. *Forensic Science International: Genetics* 46, 102263.

2021 –

- Heß, S.A., Trapani, S., Boronat, M.D.M., Theunissen, G.M., Rolf, B., Jäger, R., (2021).** Ribosomal DNA as target for the assessment of DNA degradation of human and canine DNA. *Legal Medicine* 48, 101819.

GENOMIC SERVICES

1990 – 2000

Doerfler, W., Schubbert, R., Heller, H., Hertz, J., Remus, R., Schröer, J., Kämmer, C., Hilger-Eversheim, K.R., Gerhardt, U., Schmitz, B., Renz, D., (1998). Foreign DNA in mammalian systems. *Acta Pathologica, Microbiologica, et Immunologica Scandinavica* 106 (84), 62–68.

Pfeffer, A., Schubbert, R., Orend, G., Hilger-Eversheim, K., Doerfler, W., (1999). Integrated viral genomes can be lost from adenovirus type 12-induced hamster tumor cells in a clone-specific, multistep process with retention of the oncogenic phenotype. *Virus Research* 59 (1), 113–127.

2001 – 2010

Dietrich, G., Kurz, S., Hübner, C., Aepinus, C., Theiss, S., Guckenberger, M., Panzner, U., Weber, J., Frosch, M., (2003). Transcriptome analysis of *Neisseria meningitidis* during infection. *Journal of Bacteriology* 185 (1), 155–164.

Horn, M., Collingro, A., Schmitz-Esser, S., Beier, C.L., Purkhold, U., Fartmann, B., Brandt, P., Nyakatura, G.J., Droege, M., Frishman, D., Rattei, T., (2004). Illuminating the Evolutionary History of Chlamydiae. *Science* 304 (5671), 728–730.

Dawczynski, C., Schubert, R., Jahreis, G., (2007). Amino acids, fatty acids, and dietary fibre in edible seaweed products. *Food Chemistry* 103 (3), 891–899.

Stangier, K.A., (2008). Overview article on next generation DNA sequencing technologies and their applications. *CHEManager International*, 14–16.

Coste, A.T., Crittin, J., Bauser, C., Rohde, B., Sanglard, D., (2009). Functional analysis of cis- and transacting elements of the *Candida albicans* CDR2 promoter with a novel promoter reporter system. *Eukaryotic Cell* 8 (8), 1250–1267.

De Schutter, K., Lin, Y.C., Tiels, P., Van Hecke, A., Glinka, S., Weber-Lehmann, J., Rouzé, P., Van de Peer, Y., Callewaert, N., (2009). Genome Sequence of the recombinant protein production host *Pichia pastoris*. *Nature Biotechnology* 27 (6), 561–566.

Ferrari, S., Ischer, F., Calabrese, D., Posteraro, B., Sanguinetti, M., Fadda, G., Rohde, B., Bauser, C., Bader, O., Sanglard, D., (2009). Gain of function mutations in CgPDR1 of *Candida glabrata* not only mediate antifungal resistance but also enhance virulence. *PLOS Pathogens* 5 (1), e1000268.

Haase, I., Fischer, M., Bacher, A., Eisenreich, W., Rohdich, F., (2009). Cofactor biosynthesis. *Wiley Encyclopedia of Chemical Biology* 1, 393–407.

Torres, T.T., Metta, M., Ottenwälder, B., Schlötterer, C., (2009). Gene expression profiling by massively parallel sequencing. *Genome Research* 18, 172–177.

Beloqui, A., Nechitaylo, T.Y., López-Cortés, N., Ghazi, A., Guazzaroni, M.E., Polaina, J., Strittmatter, A.W., Reva, O., Waliczek, A., Yakimov, M.M., Golyshina, O.V., (2010). Diversity of glycosyl hydrolases from cellulose-depleting communities enriched from casts of two earthworm species. *Applied and Environmental Microbiology* 76 (17), 5934–5946.

Medinger, R., Nolte, V., Pandey, R.V., Jost, S., Ottenwälder, B., Schlötterer, C., Boenigk, J., (2010). Diversity in a hidden world: Potential and limitation of next generation sequencing for surveys of molecular diversity of Eukaryotic microorganisms. *Molecular Ecology* 19 (1), 32–40.

Nolte, V., Pandey, R.V., Jost S., Medinger R., Ottenwaelder B., Boenigk J., Schlotterer C., (2010). Contrasting seasonal niche separation between rare and abundant taxa conceals the extent of protist diversity. *Molecular Ecology* 19 (14), 2908–2915.

Paprotka, T., Metzler, V., Jeske, H., (2010). The complete nucleotide sequence of a new bipartite begomovirus from Brazil infecting Abutilon. *Archives of Virology* 155 (5), 813–816.

Paprotka, T., Metzler, V., Jeske, H., (2010). The first DNA 1-like alpha satellites in association with New World begomoviruses in natural infections. *Virology* 404 (2), 148–157.

Paprotka, T., Venkatachari, N.J., Chaipan, C., Burdick, R., Delviks-Frankenberry, K.A., Hu, W.S., Pathak, V.K., (2010). Inhibition of xenotropic murine leukemia virus-related virus by APOBEC3 proteins and antiviral drugs. *Journal of Virology* 84 (11), 5719–5729.

Paprotka, T., Boiteux, L.S., Fonseca, M.E.N., Resende, R.O., Jeske, H., Faria, J.C., Ribeiro, S.G., (2010). Genomic diversity of sweet potato geminiviruses in a Brazilian germplasm bank. *Virus Research* 149 (2), 224–233.

2011 – 2020

Chaipan, C., Dille, K.A., Paprotka, T., Delviks-Frankenberry, K.A., Venkatachari, N.J., Hu, W.S., Pathak, V.K., (2011). Severe restriction of xenotropic murine leukemia virus-related virus replication and spread in cultured human peripheral blood mononuclear cells. *Journal of Virology* 85 (10), 4888–4897.

Frank, S., Klockgether, J., Hagendorf, P., Geffers, R., Schöck, U., Pohl, T., Davenport, C.F., Tümmler, B., (2011). *Pseudomonas putida* KT2440 genome update by cDNA sequencing and microarray transcriptomics. *Environmental Microbiology* 13 (5), 1309–1326.

Morgenstern, D., Rohde, B.H., King, G.F., Tal, T., Sher, D., Zlotkin, E., (2011). The tale of a resting gland: Transcriptome of a replete venom gland from the scorpion *Hottentotta judaicus*. *Toxicon* 57 (5), 695–703.

Paprotka, T., Deuschle, K., Metzler, V., Jeske, H., (2011). Conformation-selective methylation of geminivirus DNA. *Journal of Virology* 85 (22), 12001–12012.

Paprotka, T., Delviks-Frankenberry, K.A., Cingöz, O., Martinez, A., Kung, H.J., Tepper, C.G., Hu, W.S., Fivash, M.J., Coffin, J.M., Pathak, V.K., (2011). Recombinant origin of the retrovirus XMRV. *Science* 333 (6038), 97–101.

Rechnitzer, H., Brzuszkiewicz, E., Strittmatter, A., Liesegang, H., Lysnyansky, I., Daniel, R., Gottschalk, G., Rottem, S., (2011). Genomic features and insights into the biology of *Mycoplasma fermentans*. *Microbiology* 157, 760–773.

Schoen, C., Weber-Lehmann, J., Blom, J., Joseph, B., Goesmann, A., Strittmatter, A., Frosch, M., (2011). Whole-genome sequence of the transformable *Neisseria meningitidis* serogroup A strain WUE2594. *Journal of Bacteriology* 193 (8), 2064–2065.

Bausser, C., Kumar, Y., (2012). Sequencing and analysis of micro-RNAs. *BIOspektrum* 18 (3), 294–296.

Cingöz, O., Paprotka, T., Delviks-Frankenberry, K.A., Wildt, S., Hu, W.S., Pathak, V.K., Coffin, J.M., (2012). Characterization, mapping, and distribution of the two XMRV parental proviruses. *Journal of Virology* 86 (1), 328–338.

Haase, I., Fischer, M., Bacher, A., Eisenreich, W., Rohdich, F., (2012). Cofactors. *Products in Chemical Biology*, 239–267.

Hauser, H., Richter, D.C., van Tonder, A., Clark, L., Preston, A., (2012). Comparative genomic analyses of the *Taylorella*. *Veterinary Microbiology* 159, 195–203.

O'Connell, R.J., Thon, M.R., Hacquard, S., Amyotte, S.G., Kleemann, J., Torres, M.F., Damm, U., Buiate, E.A., Epstein, L., Alkan, N., Altmüller, J., (2012). Lifestyle transitions in plant pathogenic *Colletotrichum* fungi deciphered by genome and transcriptome analyses. *Nature Genetics* 44 (9), 1060–1065

Stumm, M., Entezami, M., Trunk, N., Beck, M., Löcherbach, J., Wegner, R.D., Hagen, A., Becker, R., Hofmann, W., (2012). Noninvasive prenatal detection of chromosomal aneuploidies using different next generation sequencing strategies and algorithms. *Prenatal Diagnosis* 32 (6), 569–577.

Delviks-Frankenberry, K., Paprotka, T., Cingöz, O., Wildt, S., Hu, W.S., Coffin, J.M., Pathak, V.K., (2013). Generation of multiple replication-competent retroviruses through recombination between PreXMRV-1 and PreXMRV-2. *Journal of Virology* 87 (21), 11525–11537.

Haase, I., Sarge, S., Illarionov, B., Laudert, D., Hohmann, H-P., Bacher, A., Fischer, M., (2013). Enzymes from the haloacid dehalogenase (HAD) superfamily catalyse the elusive dephosphorylation step of riboflavin biosynthesis. *ChemBioChem* 14 (17), 2272–2275.

Haase, I., Vaagt, F., Fischer, M., (2013). DNA-basierte Authentizitätskontrolle mit innovativen Detektionssystemen. *FOOD-Lab* 4, 32–35.

Towbin, H., Wenter, P., Guennewig, B., Imig, J., Zagalak, J.A., Gerber, A.P., Hall, J., (2013). Systematic screens of proteins binding to synthetic microRNA precursors. *Nucleic Acids Research* 41 (3), e47.

Haase, I., (2014). Next Generation Sequencing: Ein Tool für die Lebens- und Futtermittelanalytik. *Deutsche Lebensmittelrundschau* 110, 278–282.

Haase, I., (2014). Species identification by DNA sequencing. *eFOOD-Lab International* 110, 7–9.

Haase, I., Gräwert, T., Illarionov, B., Bacher, A., Fischer, M., (2014). Recent advances in riboflavin biosynthesis. *Methods in Molecular Biology* 1146, 15–40.

Herrmann, L., Blauhut, M., Barz, N., Haase, I., Hünninger, T., Fischer, M., (2014). Food Profiling "DNA-based Authenticity Test of Fine Cocoa from Ecuador". *Deutsche Lebensmittel-Rundschau: Zeitschrift für Lebensmittelkunde und Lebensmittelrecht* 110, 210–214.

Herrmann, L., Haase, I., Blauhut, M., Barz, N., Fischer, M., (2014). DNA-based differentiation of the Ecuadorian cocoa types CCN-51 and Arriba based on sequence differences in the chloroplast genome. *Journal of Agricultural and Food Chemistry* 62 (50), 12118–12127.

Herrmann, L., Haase, I., Fischer, M., (2014). Edler Genuss: Das Chloroplastengenom im Fokus der Authentizitätsüberprüfung von Lebensmitteln am Beispiel des ecuadorianischen Edelkakaos. *Labor&more* 3, 2–7.

Pison, C., Magnan, A., Botturi, K., Seve, M., Brouard, S., Marsland, B.J., Ernst, F., Paprotka, T., Deplanche, K., Fritz, A., Siroux, V., (2014). Prediction of chronic lung allograft dysfunction: a systems medicine challenge. *European Respiratory Journal* 43 (3), 689–693.

Pison, C., Magnan, A., Botturi, K., Seve, M., Brouard, S., Marsland, B.J., Ernst, F., Paprotka, T., Deplanche, K., Fritz, A., Siroux, V., (2014). SysCLAD consortium, Prediction of chronic lung allograft dysfunction: A systems medicine challenge. *European Respiratory Journal* 43 (3), 689–693.

Shimizu, M., Iwano, S., Uno, Y., Uehara, S., Inoue, T., Murayama, N., Onodera, J., Sasaki, E., Yamazaki, H., (2014). Qualitative de novo analysis of full length cDNA and quantitative analysis of gene expression for common marmoset (*Callithrix jacchus*) transcriptomes using parallel long-read technology and short-read sequencing. *PLoS One* 9 (6), p.e100936.

Stumm, M., Entezami, M., Haug, K., Blank, C., Wüstemann, M., Schulze, B., Raabe-Meyer, G., Hempel, M., Schelling, M., Ostermayer, E., Langer-Freitag, S., (2014). Diagnostic accuracy of random massively

parallel sequencing for non-invasive prenatal detection of common autosomal aneuploidies: A collaborative study in Europe. *Prenatal Diagnosis* 34 (2), 185–191.

Wittenberger, T., Sleight, S., Reisel, D., Zikan, M., Wahl, B., Alunni-Fabbroni, M., Jones, A., Evans, I., Koch, J., Paprotka, T., Lempiäinen, H., (2014). DNA methylation markers for early detection of women's cancer: Promise and challenges. *Epigenomics* 6 (3), 311–327.

Haase, I., Brendel, T., Eisner, J., Schubbert, R., (2015). Pinienkern-Authentizitätskontrolle: Hochgenuss oder bitterer Nachgeschmack?. *Deutsche Lebensmittelrundschau* 111, 154–157.

Haase, I., Käppel, C., (2015). Metabarcoding Die nächste Generation in Speziesbarcoding. *FOOD-Lab*, 10–12.
 Paprotka, T., Monne Parera, D., Kumar, Y., Stangier, K., (2012). New possibilities for de novo assemblies. *BIOspektrum* 18 (5), 524–526.

Herrmann, L., Felbinger, C., Haase, I., Rudolph, B., Biermann, B., Fischer, M., (2015). Food Fingerprinting: Characterization of the Ecuadorean Type CCN-51 of *Theobroma cacao* L. Using Microsatellite Markers. *Journal of Agricultural and Food Chemistry* 63 (8), 2189–2197.

Hünniger, T., Fischer, C., Wessels, H., Hoffmann, A., Paschke-Kratzin, A., Haase, I., Fischer, M., (2015). Food sensing: Selection and characterization of DNA aptamers to Alicyclobacillus spores for trapping and detection from orange juice. *Journal of Agricultural and Food Chemistry* 63 (8), 2189–2197.

Lange, A., Jost, S., Heider, D., Bock, C., Budeus, B., Schilling, E., Strittmatter, A., Boenigk, J., Hoffmann, D., (2015). AmpliconDuo: A split-sample filtering protocol for high-throughput amplicon sequencing of microbial communities. *PLOS One* 10 (11), e0141590.

Mahé, F., Mayor, J., Bunge, J., Chi, J., Siemensmeyer, T., Stoeck, T., Wahl, B., Paprotka, T., Filker, S., Dunthorn, M., (2015). Comparing High-throughput Platforms for Sequencing the V4 Region of SSU-rDNA in Environmental Microbial Eukaryotic Diversity Surveys. *Journal of Eukaryotic Microbiology* 62 (3), 338–345.

Paprotka, T., Deuschle, K., Pilartz, M., Jeske, H., (2015). Form follows function in geminiviral minichromosome architecture. *Virus Research* 196, 44–55.

Sarge, S., Haase, I., Illarionov, B., Laudert, D., Hohmann, H.P., Bacher, A., Fischer, M., (2015). Catalysis of an essential step in vitamin B2 biosynthesis by a consortium of broad spectrum hydrolases. *ChemBioChem* 16 (17), 2466–2469.

Nader, W.F., Brendel, T., Schubbert, R., (2016). Advances in DNA fingerprinting for food authenticity testing. In *Advances in food authenticity testing*. Woodhead Publishing, 7–33.

Schäfer, C., Paprotka, T., Heitzer, E., Eccleston, M., Noe, J., Holdenrieder, S., Diehl, F., Thierry, A., (2016). Academia Meets Industry. In *Circulating Nucleic Acids in Serum and Plasma—CNAPS IX* 924, 201–215.

Schelm, S., Haase, I., Fischer, C., Fischer, M., (2016). Development of a Multiplex Real-Time PCR for Determination of Apricot in Marzipan Using the Plexor System. *Journal of Agricultural and Food Chemistry* 65 (2), 516–522.

Guachalla, L.M., Stojkovic, K., Hartl, K., Kaszowska, M., Kumar, Y., Wahl, B., Paprotka, T., Nagy, E., Lukasiewicz, J., Nagy, G., Szijártó, V., (2017). Discovery of monoclonal antibodies cross-reactive to novel subserotypes of *K. pneumoniae* O3. *Scientific reports* 7 (1), 1–13.

Kappel, K., Haase, I., Käppel, C., Sotelo, C.G., Schröder, U., (2017). Species identification in mixed tuna samples with next-generation sequencing targeting two short cytochrome b gene fragments. *Food Chemistry* 234 (1), 212–219.

Widschwendter, M., Evans, I., Jones, A., Ghazali, S., Reisel, D., Ryan, A., Gentry-Maharaj, A., Zikan, M., Cibula, D., Eichner, J., Alunni-Fabbroni, M., (2017). Methylation patterns in serum DNA for early identification of disseminated breast cancer. *Genome Medicine* 9 (1), 1–11.

Widschwendter, M., Zikan, M., Wahl, B., Lempiäinen, H., Paprotka, T., Evans, I., Jones, A., Ghazali, S., Reisel, D., Eichner, J., Rujan, T., (2017). The potential of circulating tumor DNA methylation analysis for the early detection and management of ovarian cancer. *Genome Medicine* 9 (1), 1–14.

Danger, R., Royer, P.J., Reboulleau, D., Loy, J., Tissot, A., Lacoste, P., Roux, A., Reynaud-Gaubert, M., Kessler, R., Mussot, S., Dromer, C., (2018). Blood Gene Expression Predicts Bronchiolitis Obliterans Syndrome. *Frontiers in Immunology* 8, 1841.

Mouraux, S., Bernasconi, E., Pattaroni, C., Koutsokera, A., Aubert, J.D., Claustre, J., Pison, C., Royer, P.J., Magnan, A., Kessler, R., Benden, C., (2018). Airway microbiota signals anabolic and catabolic remodeling in the transplanted lung. *Journal of Allergy and Clinical Immunology* 141 (2), 718–729.

Nené, N.R., Barrett, J., Jones, A., Evans, I., Reisel, D., Timms, J.F., Paprotka, T., Leimbach, A., Franchi, D., Colombo, N., Bjørge, L., (2020). DNA methylation signatures to predict the cervicovaginal microbiome status. *Clinical Epigenetics* 12 (1), 1–10.

Alunni-Fabbroni, M., Rönsch, K., Huber, T., Cyran, C.C., Seidensticker, M., Mayerle, J., Pech, M., Basu, B., Verslype, C., Benckert, J., Malfertheiner, P., (2019). Circulating DNA as prognostic biomarker in patients with advanced hepatocellular carcinoma: a translational exploratory study from the SORAMIC trial. *Journal of Translational Medicine* 17 (1), 1–05.

Brosseau, C., Danger, R., Durand, M., Durand, E., Foureau, A., Lacoste, P., Tissot, A., Roux, A., Reynaud-Gaubert, M., Kessler, R., Mussot, S., (2019). Blood CD9 + B cell, a biomarker of bronchiolitis obliterans syndrome after lung transplantation. *American Journal of Transplantation* 19 (11), 3162–3175.

Nené, N.R., Reisel, D., Leimbach, A., Franchi, D., Jones, A., Evans, I., Knapp, S., Ryan, A., Ghazali, S., Timms, J.F., Paprotka, T., (2019). Association between the cervicovaginal microbiome, BRCA1 mutation status, and risk of ovarian cancer: a case-control study. *The Lancet Oncology* 20 (8), 1171–1182.

Bogliolo, M., Pujol, R., Aza-Carmona, M., Muñoz-Subirana, N., Rodriguez-Santiago, B., Casado, J.A., Rio, P., Bauser, C., Reina-Castillón, J., Lopez-Sanchez, M., Gonzalez-Quereda, L., (2020). Optimised molecular genetic diagnostics of Fanconi anaemia by whole exome sequencing and functional studies. *Journal of Medical Genetics* 57 (4), 258–268.

Hess, J.F., Kohl, T.A., Kotrová, M., Rönsch, K., Paprotka, T., Mohr, V., Hutzenlaub, T., Brüggemann, M., Zengerle, R., Niemann, S., Paust, N., (2020). Library preparation for next generation sequencing: a review of automation strategies. *Biotechnology advances* 41, 107537.

Jones, J., Du, Z., Bernstein, R., Meyer, M., Hoppe, A., Schilling, E., Ableitner, M., Juling, K., Dick, R., Strauss, A., Bienefeld, K. (2020). Tool for genomic selection and breeding to evolutionary adaptation: Development of a 100K single nucleotide polymorphism array for the honey bee. *Ecology and Evolution* 10, 6246–6256.

Kohn, D.B., Booth, C., Kang, E.M., Pai, S.Y., Shaw, K.L., Santilli, G., Armant, M., Buckland, K.F., Choi, U., De Ravin, S.S., Dorsey, M.J., (2020). Lentiviral gene therapy for X-linked chronic granulomatous disease. *Nature Medicine* 26 (2), 200–206.

Mäkelä, R., Arjonen, A., Härmä, V., Rintanen, N., Paasonen, L., Paprotka, T., Rönsch, K., Kuopio, T., Kononen, J., Rantala, J.K., (2020). Ex vivo modelling of drug efficacy in a rare metastatic urachal carcinoma. *BMC Cancer* 20 (1), 1–10.

2021 –

Shillito, R.D., Whitt, S., Ross, M., Ghavami, F., De Vleeschauwer, D., D'Halluin, K., Van Hoecke, A., Meulewaeter, F., (2021). Detection of genome edits in plants—from editing to seed. *In Vitro Cellular & Developmental Biology-Plant*, 1–14.

Schulze, M., Kumar, Y., Rattay, M., Niemann, J., Wijffels, R. H., & Martens, D. E. (2022). Transcriptomic analysis reveals mode of action of butyric acid supplementation in an intensified CHO cell fed-batch process. *Biotechnology & Bioengineering* 119, 2359–2373.

Shcherbakov, D., Nigri, M., Akbergenov, R., Brilkova, M., Mantovani, M., Isnard Petit, P., Grimm, A., Karol, A.A., Teo, Y., Cortés Sanchón, A., Kumar, Y., Eckert, A., Thiam, K., Seebeck, P., Wolfer, D.P., Böttger, E.C. (2022). Premature aging in mice with error-prone protein synthesis. *Science Advances* 8 (9), eabl9051.

Chrysostomou, A.C.; Vrancken, B.; Haralambous, C.; Alexandrou, M.; Aristokleous, A.; Christodoulou, C.; Gregoriou, I.; Ioannides, M.; Kalakouta, O.; Karagiannis, C.; et al. (2023). Genomic Epidemiology of the SARS-CoV-2 Epidemic in Cyprus from November 2020 to October 2021: The Passage of Waves of Alpha and Delta Variants of Concern. *Viruses* 15 (108).

Herzog C, Jones A, Evans I, Reisel D, Olaitan A, Doufekas K, MacDonald N, Rådestad AF, Gemzell-Danielsson K, Zikan M, Cibula D, Dostálek L, Paprotka T, Leimbach A, Schmitt M, Ryan A, Gentry-Maharaj A, Apostolidou S, Rosenthal AN, Menon U, Widschwendter M. (2024). Plasma cell-free DNA methylation analysis for ovarian cancer detection: Analysis of samples from a case-control study and an ovarian cancer screening trial. *International Journal of Cancer* 15 (154), 679-691.