



A SELECTION OF SOME OF OUR SCIENTIFIC PUBLICATIONS

EUROFINS SCIENTIFIC GROUP

July 2021



CONTENT

AGROSCIENCE SERVICES.....	2
BIOPHARMA DISCOVERY, BIOANALYSES, PHASE I AND CENTRAL LABORATORY	8
BIOPHARMA PRODUCTS TESTING.....	21
CLINICAL DIAGNOSTICS	25
COSMETICS TESTING	36
ENVIRONMENT TESTING	38
FOOD AND FEED TESTING.....	51
FORENSIC SERVICES.....	78
GENOMICS.....	86



AGROSCIENCE SERVICES

1980 – 1990

Henry OK., John PW., Stanley HA., (1988). A resource manager's guide for using aquatic organisms to assess water quality for evaluation of contaminants. *Biological report (USA)* 8820, 45 p.

2000 – 2010

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

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

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.

Kirk ED; Palachek, Randy M; Noel, Jill M., Ryan W., John A., Jody W., (2004). Development of freshwater water-quality criteria for perchlorate. *Environmental Toxicology and Chemistry: An International Journal* 23 (6), 1441–1451.

Ponizovsky AA., Tsadilas CD., (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 DM., Allen HE., Ponizovsky AA., (2005). Modeling kinetics of Cu and Zn release from soils. *Environmental Science & Technology* 39 (12), 4562–4568.

Henriette S., John A., Nadine P., Charles S., Norbert C., Valery F., (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.

John A., Ryan W., Nadine P., Sharon File-Emperador., Charles S., Norbert C., Valery F., (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).

John LW., Susan AB., Sean PG., John PG., (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 AA., Metzler DM., Allen HE., Ackerman AJ., (2006). The effect of moisture content on the release of organic matter and copper to soil solutions. *Geoderma* 135, 204–215.

Thakali S., Allen HE., Di Toro DM., Ponizovsky AA., Rooney CP., Zhao FJ., McGrath SP., (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 HE., Di Toro DM., Ponizovsky AA., Rooney CP., Zhao FJ., McGrath SP., Criel P., Van Eckhout H., Janssen CR., 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.

Mensah E., Ponizovsky AA., Allen HE., Metzler DM., (2007). Cadmium Release in Soil Solutions at Low Moisture Content. *Communications in Soil Science and Plant Analysis* 39 (1), 158–167.



Ponizovsky AA., Allen HE., Ackerman AJ., (2007). Copper activity in soil solutions of calcareous soils. *Environmental Pollution* 145 (1), 1–6.

Valery EF., Henriette S., Annemette P., John A., Ryan W., Nadine P., Roy T., Nelly VDH., Norbert C., (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.

Valery EF., John A., Ryan W., Nelly VDH., Norbert C., (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.

John LN., Susan AB., Gallagher SP., Giesy JP., (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 AA., Thakali S., Allen HE., Di Toro DM., Ackerman AJ., Metzler DM., (2008). Nickel partitioning in acid soils at low moisture content. *Geoderma* 145 (12), 69–76.

Ponizovsky AA., Allen HE., Ackerman AJ., (2008). Effect of field aging on nickel concentration in soil solutions. *Communications in Soil Science and Plant Analysis* 39 (3), 510–523.

Valery EF., Ryan W., John A., Nelly VDH., Norbert C., (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.

Timothy AS., Patrick DG., Henry OK., Mark JJ., (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 TJ., Hampson DR., Johnson EC., (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.

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.

Krogh PH., Miljøundersøgelser D., (2009). Toxicity testing with the collembolans *Folsomia fimetaria* and *Folsomia candida* and the results of a ringtest. *Danish Environmental Protection Agency*.

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 AA., Thakali S., Allen HE., Di Toro, DM., Ackerman AJ., (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 RM., 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 KD., Jochmann R., Schäfer MA., Puniamoorthy N., Knäbe S., Lehnhus J., Rosenkranz B., Scheffczyk A., Schmidt T., and 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* 28 (10), 2117–2124.

Werner K., Ilka L., Ralph U., Tim S., Hank K., Jeffrey W., Larry H., Alan H., (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.

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 CA., Chickering CD., Hill SJ., Stry JJ., (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.

Jeffrey CW., Ilka L., Werner K., Timothy AS., Larry RH., Henry OK., Alan JH., (2010). Effects of 17 β-estradiol exposure on *Xenopus laevis* gonadal histopathology. *Environmental Toxicology and Chemistry* 29 (5), 1091–1105.

Römbke J., Barrett K., Blanckenhorn WU., Hargreaves T., Kadiri N., Knäbe S., Lehnhus J., Lumaret JP., 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.

2011 – 2020

Clements LN., Lemus R., Butler AD., Heim K., Rebstock MR., Venezia C., Pardus., (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.

Richard AB., Alan JH., Debbie D., Timothy ZK., Henry OK., Steven BW., (2012). Recovery of duckweed from time-varying exposure to atrazine. *Environmental toxicology and chemistry* 31 (5), 1121–1128.

Blake TJA., Beattie IG., (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.

John WG., Timothy AS., Jane PS., (2013). The drive to ban the NOEC/LOEC in favor of ECx is misguided and misinformed. *Integrated environmental assessment and management* 9 (1).

Koch DA., Clark KL., Tessier DM., (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 KL., Koch DA., Tessier DM., Markle JC., (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, Xingxing., (2014). Ropinirole. Handbook of Metabolic Pathways of Xenobiotics.

John WG., Timothy AS., Amy NS., Joe S., (2014). Statistical analysis of histopathological endpoints. *Environmental toxicology and chemistry* 33 (5), 1108–1116.

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

Whiting SA., Strain KE., Campbell LA., Young BG., Lydy MJ., (2014). Laboratory and field validation of a Cry1Ab protein quantitation method for water. *Talanta* 128, 109–116.



de Perre C., Whiting SA., Lydy MJ., (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 SA., Lydy MJ., (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.

Frank APCG., David EP., Kent BW., Tim S., Duane BH., (2015). Bioaccumulation of decamethylpentacyclosiloxane (D5): A review. *Environmental toxicology and chemistry* 34 (12), 2703–2714.

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.

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.

Pistorius J., Wehner A., Kriszan M., Bargen 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.

Steven LL., Georg von Mérey., Tui M., Philip M., Peter S., (2015). Aminomethylphosphonic acid has low chronic toxicity to Daphnia magna and Pimephales promelas. *Environmental toxicology and chemistry* 34 (6), 1382–1389.

Whiting SA., Lydy MJ., (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.

Hudson WT., Gabryele SR., Micaele FA., Weyder CS., Gil RS., Narciso CGR., Carlos DM., Philip LW., Eugênio EO., (2017). Agrochemical synergism imposes higher risk to Neotropical bees than to honeybees. *Royal Society open science* 4 (1).

Kasiotis KM., Tsakirakis AN., Glass CR., Charistou AN., 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.

Katherine KC., Ronald CB., Nancy DD., Melanie G., Patrick DG., Henrik H., Natalie K., Karouna-Renier., Ioanna K., Hank K., Steven LL., (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.

Pereira LM., Morais FK., Ventura THV., Gonzaga GW., Rosa MF., Eduardo SJ., Ferreira MG., (2017). Spinosad-mediated effects on the walking ability, midgut, and Malpighian tubules of Africanized honey bee workers. *Pest Management Science* 74 (6), 1311–1318.

Peter M., Gerald TA., Ronald CB., Poul B., Christopher B., Kristin B., Amy B., Janice C., Katherine KC., Lisa C., (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.

Yeisson G., Gabryele SR., Hudson WT., Eugênio EO., Ana LS., (2017). Bt i-based insecticide enhances the predatory abilities of the backswimmer *Buenoa tarsalis* (Hemiptera: Notonectidae). *Ecotoxicology* 26 (8), 1147–1155.

Woodcock BA., Bullock JM., Shore RF., Heard MS., Pereira MG., Redhead J., Riddig 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.

Zhang M., Whiting SA., 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 MP., Bargen 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.

Emma NIW., Daniel RS., Julie B., Hudson WT., James PC., James DE., Bruce RS., (2018). Safety of methionine, a novel biopesticide, to adult and larval honey bees (*Apis mellifera* L.). *Ecotoxicology and environmental safety* 149, 211–216.

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

Franke L., (2018). Results of 2-Year Ring-Testing of a Semi-Field Study Design to Investigate Potential Impacts of Pesticides on the Solitary Bees *Osmia Bicornis* (Linnaeus, 1758) and *Osmia Cornuta* (Latreille, 1805) (Hymenoptera, Megachilidae) and a Proposal of a Suitable Test Design. *Environmental Toxicology and Chemistry*, 123–130.

Green JW., Springer TA., Holbech H., (2018). Statistical analysis of ecotoxicity studies.

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).

Pablo Valverde-Garcia., Tim S., Vince K., Manousos F., James RW., (2018). An avian reproduction study historical control database: A tool for data interpretation. *Regulatory Toxicology and Pharmacology* 92, 295–302.

Samira VR., Wagner FB., Campos DO., Antônio L., Martins LA., Ferreira., (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.

Amin E., John A., Suzanne ZS., Henry K., Sean G., (2019). Development of an in vitro diagnostic method to determine the genotypic sex of *Xenopus laevis*. *PeerJ - Life & Environment* 7.

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.

Morais FK., Ventura HVT., Rosa MF., Gonzaga GW., Vicari PT., Eduardo SJ., Ferreira GM., (2019). *Aedes aegypti* larvae treated with spinosad produce adults with damaged midgut and reduced fecundity. *Chemosphere* 221, 464–470.

Zubrod JP., Düring RA., Ebke KP., 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).

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.

Dinehart SK., Hubbert TD., (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 MP., (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 KL., 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 WT., Daniel RS., Ashlyn EW., Raquel SMG., Samira VR., Raul NCG., Gustavo FM., James DE., (2020). Frequently encountered pesticides can cause multiple disorders in developing worker honey bees. *Environmental Pollution* 256.

Knäbe S., Allan MJ., Alischer 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. *Cab Direct* 14 (1), 40–45.

Leak T., Aufderheid J., Bergfield A., Hubert TD., (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.

Lisa AC., John WG., Suzanne ZS., (2020). Ibuprofen: Fish Short-Term Reproduction Assay with Zebrafish (*Danio rerio*) based on an Extended OECD 229 Protocol. *Environmental Toxicology and Chemistry*.

BIPHARMA DISCOVERY, BIOANALYSES, PHASE I AND CENTRAL LABORATORY

1980 – 1990

Molina P., Arques A., De los Desamparados Velasco M., Villalgordo JM., (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 JM., (1988). Fused thiazoles from 3-amino-2-thioxo-2,3-dihydrothiazoles. Synthesis of mesionic 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.

Villalgordo JM., Vincent BR., 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 YM., Neliat 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.

Duchêne P., Papalexiou 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 JM., 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 JM., 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 MJ., 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.

Villalgordo JM., 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.

Villalgordo JM., 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 JP., Bodinier MC., Chapelain B., Ly SM., Coussy L., Giraud S., Neliat G., Jean T., (1994). Up-regulation of [³H]-des-Arg 10-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., Villalgordo JM., (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).

Villalgordo JM., 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., Villalgordo JM., (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.

Neliat G., Bodinier MC., 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 adenylyl cyclase system in the rat cerebral cortex. *Neuropharmacology* 35 (5), 589–593.

Guerin V., Delance V., Papalexiou P., Duchêne P., Houin G., Thomas JL., (1996). Systemic absorption of ¹⁴C-radiolabelled sertaconazole administered in 300 mg prolonged liberation vaginal suppository form to four healthy post-menapausal women. *Refdoc* 6 (2), 63–67.

Laney JP., Duchêne P., Hirt P., Delarue A., Gleizes S., Houin G., Molinier P., (1996). 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* 28 (2), 185–189.

Saivin S., Carrie D., Escourrou J., Duchêne 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.

Villalgordo JM., 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., Villalgordo JM., (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 IE., Déprez BP., Tartar AL., (1997). Versatile Acylation of N-Nucleophiles Using a New Polymer-Supported 1-Hydroxybenzotriazole Derivative. *The Journal of Organic Chemistry* 62 (8), 2594–2603.

Villalgordo JM., (1997). Combinatorial organic Synthesis and the lead discovery process. *Methods and Findings in Experimental and Clinical Pharmacology* 19, 37–41.

Villalgordo JM., Heimgartner H., (1997). Synthesis of cyclic depsipeptides and peptides via direct amide cyclization. *Helvetica Chimica Acta* 80 (3), 748–766.

Duchêne P., Giudicelli MD., 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.

Obrecht D., Villalgordo JM., (1998). Solid-Supported Combinatorial and Parallel Synthesis of Small-Molecular-Weight Compound Libraries. Pergamon Publications, 338.



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

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

Heras M., Ventura M., Linden A., Villalgordo 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.

Pagliaro 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., Villalgordo JM., (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., Villalgordo JM., (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., Villalgordo 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 JP., Fiorentini F., Poggesi I., Jannuzzo MG., Fleishaker JC., 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.

2001 – 2010

Cabarrocas G., Ventura M., Maestro M., Mahia J., Villalgordo JM., (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.

Heras M., Ventura M., Linden A., Villalgordo JM., (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.

Fontrodona X., Diaz S., Linden A., Villalgordo JM., (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 JM., (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.
- Poulain R., Horvath D., Bonnet B., Eckhoff C., Chapelain B., Bodinier MC., 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 JM., (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 JM., (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 JM., (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 CM., Horvath D., Rogalski SL., Penzotti JE., Mao B., Barbosa F., Migeon JC., (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 JM., (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 EJ., Dea M., Ebens A., Hytopoulos E., Melrose J., Nguyen D., Ota KS., Plavec I., Wang Y., Watson SR., Butcher EC., Berg EL., (2004).** An integrative biology approach for analysis of drug action in models of human vascular inflammation. *The FASEB Journal* 18 (11), 1279–1281.
- Kunkel EJ., Plavec I., Nguyen D., Melrose J., Rosler ES., Kao LT., Wang Y., Hytopoulos E., Bishop AC., Bateman R., Shokat KM., Butcher EC., Berg EL., (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 EL., Kunkel EJ., Hytopoulos E., Plavec I., (2005).** Biological complexity and drug discovery: a practical systems biology approach. *IET Proceedings-Systems Biology/IET Digital Library* 152 (4), 201–206.
- Nicolas F., (2005).** Product Hub: Eurofins BioPharma Product Testing. *European Pharmaceutical Review* 23 (10), 488–490.
- Rolland C., Gozalbes R., Nicolaï E., Paugam MF., 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, 6563–6574.
- Berg EL., Kunkel EJ., 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 DC., Benton BM., Jones ME., Krause KM., Thornsberry C., Sahm DF., (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., Villalgordo JM., (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 JC., (2006). Construction of a homogeneous and informative in vitro profiling database for anticipating the clinical effects of drugs. *Chemogenomics: Knowledge-based Approaches to Drug Discovery*.

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.

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 PJ., Irwin W., Diaz D., Howard-Cofield E., Krejsa CM., Slaughter MR., 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 CH., Robicsek A., Jacoby GA., Sahm D., Hooper DC., (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., Villalgordo JM., (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.

Jones ME., (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.

Gandia P., Bour D., Maurette JM., 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.

Font D., Heras M., Villalgordo JM., (2008). Synthesis of pyrimidinyl arylglycines through subsequent Mitsunobu and Petasis reactions. *Series Anthropogenic Compounds* 64 (22), 5226–5235.

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 CM., Aranza MK., Shah D., Sahm DF., (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.

Bode J., Byrne E., Nauman SP., Cavedine L., Foehrkolb K., Moore C., Armstrong L., Armbruster BN., (2009). Exploring Allosteric Compound Selectivity Through AllostericProfiler™ Assays. SBS Conference.

Houck KA., Dix DJ., Judson RS., Kavlock RJ., Yang J., Berg EL., (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 SA., Beacham D., Shahane SA., Southall N., Xia M., Huang R., Hooten E., Zhao Y., Shou L., Austin CP., 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.

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

Berg EL., Yang J., Melrose J., Nguyen D., Privat S., Rosler E., Kunkel EJ., 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.

2011 – 2020

Liu S., Babcock MS., Bode J., Chang JS., Fischer HD., Garlick RL., Gill GS., Lund ET., Margolis BJ., Mathews WR., Rogers BN., Wolfe M., Groppi V., Baldwin ET., (2011). Affinity purification of a chimeric nicotinic acetylcholine receptor in the agonist and antagonist bound states. *Protein Expression and Purification* 79 (1), 102–110.

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

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 GJ., Noetzel MJ., Bubser M., Utley TJ., Walker AG., Byun NE., Lebois EP., Xiang Z., Sheffler DJ., Cho HP., Davis AA., Jacob B., (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 CK., Bubser M., Thompson AD., Dickerson JW., Turle-Lorenzo N., Amalric M., Blobaum AL., Bridges TM., Morrison RD., Jadhav S., Engers DW., Italiano K., Bode J., Daniels JS., Lindsley CW., Hopkins CR., Conn PJ., Niswender CM., (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 JU., 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, 325–335.

Berg EL., Yang J., Polokoff MA., (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 MM., Nicolas LB., Donazzolo Y., Dingemanse 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 AB., Gorovits B., Kamerud J., King LE., 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 AJ., Brams M., Van Elk R., Spurny R., Geitmann M., Villalgoro JM., Guskov A., Danielson UH., Lummis SC., Smit AB., (2013). Structural basis of ligand recognition in 5-HT3 receptors. *Scientific Report* 14, 49–56.

Melton AC., Melrose J., Alajoki L., Privat S., Cho H., Brown N., Plavec AM., Nguyen D., Johnston ED., Yang J., Polokoff MA., Plavec I., Berg EL., O'Mahony 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).

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.

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.

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).

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

Berg EL., 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.

Ciceri P., Müller S., O'Mahony A., Fedorov O., Filippakopoulos P., Hunt JP., Lasater EA., Pallares G., Picaud S., Wells C., Martin S., Wodicka LM., Shah NP., Treiber DK., Knapp S., (2014). Dual kinase-bromodomain inhibitors for rationally designed polypharmacology. *Nature Chemical Biology* 10 (4), 305–312.

Donazzolo Y., Latreille M., Caillaud MA., Mocaer E., Seguin L., (2014). Evaluation of the effects of therapeutic and supratherapeutic 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 AE., Rioufol C., Schwierz 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* 6 (3), 793–798.

Garside H., Marcoe KF., Chesnut-Speelman J., Foster AJ., Muthas D., Kenna JG., 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.

Kleinstreuer NC., Yang J., Berg EL., Knudsen TB., Richard AM., Martin MT., Reif DM., Judson RS., Polokoff M., Dix DJ., Kavlock RJ., Houck KA., (2014). Phenotypic screening of the ToxCast chemical library to classify toxic and therapeutic mechanisms. *Nature Biotechnology* 32 (6), 583–591.

Ko CC., Chen YJ., Chen CT., Liu YC., Cheng FC., Hsu KC., Chow LP., (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 (32), 22078–22089.



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.

Schlienger JL., Paillard F., Lecerf JM., Romon M., Bonhomme C., Schmitt B., Donazzolo Y., Defoort C., Mallmann C., Le Ruyet P., Bresson JL., (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 AJ., Alqazzaz M., Debaveye S., Han L., Price K., Villalgordo JM., Tresadern G., Lynch JW., Lummis SC., (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.

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 EL., Polokoff MA., 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., Dingemanse 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 JM., Bazureau JP., Villalgordo JM., (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 NT., Livingston KE., Canals M., Ryan MR., Budenholzer LM., Han Y., Shang Y., Herbst JJ., 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 PE., Hay DA., Martinez FO., Al-Mossawi MH., 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.

Steven GG., 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.

Ashraf MK., Hyna D., Julius K., Jane EL., David BH., Priyanka G., Michael F., (2016). Differential Binding Activity of TGF-β Family Proteins to Select TGF-β Receptors. *Journal of Pharmacology and Experimental Therapeutics* 358 (3), 423–430.

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 JA., Meriage DS., Levine J., Gabrielson JP., Wen ZQ., (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.



Gerstenberger BS., Trzupek JD., Tallant C., Fedorov O., Filippakopoulos P., Brennan PE., Fedele V., Martin S., Picaud S., Rogers C., Parikh M., Taylor A., Samas B., O'Mahony A., Berg EL., Pallares G., Torrey AD., Treiber DK., Samardjiev IJ., Nasipak BT., Padilla-Benavides T., Wu Q., Imbalzano AN., Nickerson JA., Bunnage ME., Müller S., Knapp S., Owen DR., (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 CL., Stewart JJ., Hogerkorp CM., Lackey A., Nicholas J., Meina L., Yuanxin X., John F., Maxime M., Kamila C., Thomas W., Mc Closkey Barry WA., van der Strate Danice EC., Wilkins David L., Timothy W., Virginia L., (2016). Recommendations for the development and validation of flow cytometry-based receptor occupancy assays. *Cytometry Part B (Clinical Cytometry)* 90 B (2), 141–149.

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

Lamerdin J., Daino-Laizure H., Charter NW., Saharia A., (2016). Accelerating Biologic and Biosimilar Drug Development: Ready-to-Use, Cell-Based Assays for Potency and Lot-Release Testing. *BioProcess International* 13 (14).

Persiani S., Sala F., Manzotti C., Colovic M., Zangarini M., Donazzolo Y., Barbetta B., Vitalini C., Giacovelli G., Benvenuti C., Rovati LC., (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 RA., (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.

Stewart JJ., Green CL., Jones N., Liang M., Xu Y., Wilkins DE., Moulard M., Czechowska K., Lanham D., McCloskey TW., Ferbas J., (2016). Role of receptor occupancy assays by flow cytometry in drug development. *Cytometry Part B (Clinical Cytometry)* 90B (2), 110–116.

Xiaolin C., James AL., 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 AW., Pani B., Wang QT., Zhao S., Wall AL., Strachan RT., Staus DP., Wingler LM., Sun LD., Sinnaeve., (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 DA., Thorat S., Sheju YD., 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., Barawkar DA., Thorat S., Shejul YD., Patel M., Naykodi M., Jain V., Salve Y., Prasad V., Chaudhary S., Ghosh I., (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., Prathipati P., Thorat S., Ansari S., Patel M., Jain V., Jinugu RR., Niranjan 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.

Basu S., Barawkar DA., 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.

Berg EL., (2017). Phenotypic chemical biology for predicting safety and efficacy. *Drug Discovery Today: Technologies* 23, 53–60.

Cahill TJ., Thomsen AR., Tarrasch JT., Plouffe B., Nguyen AH., Yang F., Huang LY., Kahsai AW., Bassoni DL., Gavino BJ., Lamerdin JE., (2017). Distinct conformations of GPCR-β-arrestin complexes mediate desensitization, signaling, and endocytosis. *Proceedings of the National Academy of Sciences* 114 (10), 2562–2567.

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

Kaniskan HU., Eram MS., Zhao K., Szewczyk MM., 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., Brown MP., (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 DA., Waman YB., Prasad N., Madadi SK., Shejul YD., Bonagiri R., Basu S., Menon S., Reddy SB., (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.

Lee JA., Carragher NO., Berg EL., (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 PA., Henrion S., Macé A., Carboni B., Villalgoro JM., 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 SL., Guh JH., Peng CY., Wang SW., Chang YL., Cheng FC., Chang JH., Kuo SC., Lee FY., Teng CM., (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.

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

Satam VS., Pedada SR., Kamaraj P., Antao N., Singh A., Hindupur RM., Pati HN., Thompson AM., 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 AF., O'Mahony A., Velichko S., Folias AE., Houle C., Shaffer CL., Marcek J., Whritenour J., Stanton R., Berg EL., (2017). Mechanisms of skin toxicity associated with metabotropic glutamate receptor 5 negative allosteric modulators. *Cell Chemical Biology* 24 (7), 858–869.

Xu J., Lu Z., Narayan A., Le Rouzic VP., Xu M., Hunkele A., Brown TG., Hoefer WF., Rossi GC., 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*, 1561–1573.

Betts BC., Bastian D., Iamsawat S., Nguyen H., Heinrichs JL., Wu Y., Daenthasanamak A., Veerapathran A., O'Mahony A., Walton K., Reff J., Horna P., Sagatys EM., Lee MC., 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 SB., Reddy SN., (2018). Isoxazole-tethered diarylheptanoid analogs: Discovery of a new drug-like PAR2 antagonist. *Bioorganic & Medicinal Chemistry Letters* 28 (13), 2285–2288.

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

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 HD., Ko A., (2018). Binding and Functional Analysis Complementary Approaches in Safety Pharmacology. *Journal of Pharmacological and Toxicological Methods* 93.

Migeon J., Ko A., Lin HH., Liu E., Feng JJ., (2018). Modifying Standard Assay for Assessing Allosteric Activity. *Journal of Pharmacological and Toxicological Methods* 93, 171.

Morfa CJ., Bassoni D., Szabo A., McAnally D., Sharir H., Hood BL., Vasile S., Wehrman T., Lamerdin J., Smith LH., (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., Ishizawab J., Prabhu VV., 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 MR., Cho H., Hashizume M., Choy EH., (2018). Discriminating phenotypic signatures identified for tocilizumab, adalimumab, and tofacitinib monotherapy and their combinations with methotrexate. *Journal of Translational Medicine* 16 (1), 1–9.

Settiagounder N., (2018). Histopathology Peer Review Process the Compliance Conundrum. *Quasar*.

Prabhu 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.

Vangala VB., Pati H., (2018). Efficient Synthesis of β-Lactam-Containing α-Aminophosphonates Using Fumaric Acid as Mild Catalyst. *Chemical Methodologies* 2 (4), 333–340.



Babu LT., Jadhav GR., Paire 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 EJ., Beck NA., Berg EL., Clayton-Jeter HD., Chandrasekera PC., Curley JL., Donzanti BA., Ewart LC., Gunther JM., Kenna JG., LeCluyse EL., Liebman MN., Pugh CL., Watkins PB., Sullivan KM., (2019). Advancing nonclinical innovation and safety in pharmaceutical testing. *Drug Discovery Today* 24 (2), 624–628.

Berg EL., (2019). Human Cell-Based in vitro Phenotypic Profiling for Drug Safety-Related Attrition. *Frontiers in Big Data* 2.

Bhuniya D., Kharul RK., 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 NW., Lodge J., Moita SR., Isidro-Llobet A., Mason AM., Wu Z., Wolfe III LA., Anantharaman L., Geen 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 SC., Bruns L., Bender AT., Schroeder P., Grenningloh R., (2019). Efficacy and Pharmacodynamic Modeling of the BTK Inhibitor Evobrutinib in Autoimmune Disease Models. *The Journal of Immunology* 202, 2888–2906.

Jadhav GR., Paire P., (2019). Cytotoxic 2-(2'-Hydroxyphenyl) benzothiazolylquinoline Analogues and their in Vitro Screening through Developmental Assays. *ChemistrySelect* 4 (12), 3524–3530.

Prabhu W., Madhukar NS., Gilvary C., Kline CLB., Oster S., El-Deiry WS., Elemento O., Doherty F., VanEngelenburg A., Durrant J., Tarapore RS., (2019). Dopamine receptor D5 is a modulator of tumor response to dopamine receptor D2 antagonism. *Clinical Cancer Research* 25 (7), 2305–2313.

Shaikh NS., Iyer JP., Munot YS., Mukhopadhyay PP., Raje AA., 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 NS., Iyer JP., Munot YS., Mukhopadhyay PP., Raje AA., 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 JW., 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 VB., Pati HN., (2019). b-Lactam Based a-Amino and a-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.

Kramer J., Himmel HM., Lindqvist A., Stoelzle-Feix S., Chaudhary KW., Li D., Bohme GA., 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., Bhattacharai B., Liang G., Jin H., Ghaemi SN., Slocum S., Lukacs KV., Irwin JJ., Berg EL., Giacomini KM., Roth BL., Shoichet BK., Urban L., (2020). The activities of drug inactive ingredients on biological targets. *Science* 369 (6502), 403–413.



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.

BIOPHARMA PRODUCTS TESTING

1980 – 1990

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 ME., Kauffman J., Dybowski C., (1990). Pinienkern-Authentizitätskontrolle: Hoch genuss oder bitterer Nachgeschmack? *Deutsche Lebensmittelrundschau* 29 (2), 213–220.

1991 – 2000

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

2001 – 2010

Cieślak J., Ausín C., Chmielewski MK., Kauffman J., Snyder J., Del-Grosso A., Beaucage SL., (2005). 31P NMR Study of the Desulfurization of Oligonucleoside Phosphorothioates Effected by "Aged" Trichloroacetic Acid Solutions. *Journal of Organic Chemistry* 70 (8), 3303–3306.

Kauffman J., (2006). Identification and Risk-Assessment of Extractables and Leachables. Pharmaceutical Technology Primer.

Kauffman J., (2006). Validating On-line TOC Analyzers for Real-Time Release. Pharmaceutical Manufacturing.

Kauffman J., (2007). Analytical Testing to Support Biopharmaceutical Products. The BioPharm International Guide.

Grajkowski A., Ausín C., Kauffman J., Snyder J., Hess S., Beaucage SL., (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*.

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.

Kolodziejski MJ., 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 RJ., Beaucage SL., (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).

Grajkowski A., Cieslak J., Kauffman J., Duff RJ., Norris S., Freedberg DI., Beaucage SL., (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.

Smith S., Oostdyk T., (2008). Navigating the complexities of biologic. *Good Clinical Practice Journal*.

Evans HL, Atkins WB., Clow HM., (2009). How to Improve Cleaning Processes. Some key methods for a more efficient cleaning validation process. *Pharmaceutical Formulation Quality* 11.

Kauffman J., (2009). Contract Consulting & Pharmaceutical Services. *BioPharm International*.

Oostdyk T., (2009). CRO Roundtable - The Future of The CRO-Pharma Relationship. *Life Science Leader*.

Yunginger M., (2009). A Look at the Newly Harmonized Microbial Limits Methods and Future Impact on the Industry. *Contract Pharma*, 70–72.

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

DiPaolo B., (2010). Do you have the workload but not the workforce. *Life Science Leader*.

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.

Kauffman J., (2010). Analytical Strategies for Monitoring Residual Impurities -Best methods to monitor product-related impurities throughout the production process. *BioPharm International*.

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.

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

Lehman TC., Bridwell HK., Roark JM., (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.

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*.

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

Kauffman J., (2012). Meeting Challenges in Contract R&D. *BioPharm International*.

Kaiser MW., (2013). Roundtable: 15 Years in Pharmaceutical Microbiology. *American Pharmaceutical Review*.

Roark JM., Jacques MN., Tullo EJ., Blakinger AT., Lehman TC., (2013). Alternative Solvents for Extractables and Leachables Evaluation. *Pharmaceutical Technology*.

Boose JA., (2014). Cell Banking Interview with Dr. Jeri Ann Boose. *American Pharmaceutical Review*.

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.

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



- McDowell M., (2014).** Analytical Testing of Biologics & Biosimilars. *Drug Development & Delivery*.
- McDowell M., (2014).** Strategically engaging clients to meet their unique outsourcing and insourcing needs. *Pharmaceutical Technology Europe* 26 (11), 47.
- Oostdyk T., (2014).** Outsourcing Analytical Testing. *Contract Pharma*.
- Wang W., (2014).** Cell Based Potency Assays: From Science to Quality Control. *European Biopharmaceutical Review*.
- Wang D., Wynne C., Gu F., Becker C., Zhao J., Mueller HM., Li H., Shameem M., Liu YH., (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.
- DiPaolo B., (2015).** Under the Microscope: Eurofins Lancaster Laboratories Professional Scientific Services. *European Pharmaceutical Review* 20 (2), 17.
- Lehman T., (2015).** Special considerations for extractables and leachables testing in biological products. *Pharmaceutical Technology*.
- Mogilyanskiy L., Beyer H., Wang W., (2015).** Mastering Cell Bank Production. *BioPharm International*.
- Scotti S., Carrara S., Rozio MG., (2015).** Compound X: Identification of Extractables Compounds. *European Biopharmaceutical Review*.
- Allgeier MC., Piper JL., Hinds J., Yates MH., Kolodnick KJ., Meury R., Shaw B., Kulkarni MR., Remick DM., (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.
- Carney RF., Dremina E., Snyder JL., 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).
- DiPaolo B., (2016).** PSS Insourcing Solutions® Managed Services Solves Staffing Challenges for Bio/Pharmaceutical Companies. *Pharmaceutical daily news 1st Edition* 1 &11.
- Kauffman J., Wang W., Girard F., (2016).** Winning the race on biosimilars. *European Biopharmaceutical Review*. 54–57.
- Kauffman J., Lakos Z., Dremina E., Snyder JL., (2016).** Glycosylation: A Critical Quality Attribute for Biopharmaceutical Products. *American Pharmaceutical Review*.
- Pezzica A., Cloud B., (2016).** Quality metrics and best practices for working with contract labs. *Pharmaceutical Technology*.
- Poth A., (2016).** Considerations for Globalizing Combination Products: An Interview with...Dr. Albrecht Poth, Scientific Director, Eurofins Medical Device Testing. *American Pharmaceutical Review*.
- Risley DS., 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.

Thakral NK., Behme RJ., Aburub A., Peterson JA., Woods TA., Diseroad BA., Suryanarayanan R., Stephenson GA., (2016). Salt disproportionation in the solid state role of solubility and counterion volatility. *Molecular Pharmaceutics* 13 (12), 4141–4151.

Oostdyk T., (2016). Under the Microscope: An Interview with Dr. Timothy S. Oostdyk. *European Pharmaceutical Review*.

Zhu J., Kilty I., Granger H., Gamble E., Qiu YS., Hattotuwa K., Elston W., Liu WL., Oliva A., Pauwels RA., Kips JC., (2016). Gene Expression and Immunolocalization of 15-Lipoxygenase Isozymes in the Airway Mucosa of Smokers with Chronic Bronchitis. *American Journal of Respiratory Cell and Molecular Biology* 27 (6), 3105–3114.

Carrara S., Blakinger A., Lehman T., (2017). Managing E&L Unknown Compounds. *European Biopharmaceutical Review*, 14–15.

Kauffman J., (2017). Complex Characters. *European Biopharmaceutical Review*, 74–79.

Kreiling R., Gehrke H., Broschard TH., Dreeßen 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.

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

Jong WH De., Hoffmann WH, Lee M., Kandárová H., Pellevoisin C., Haishima, Y., Rollins B., Zdawczyk A., 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.

Katterle B., (2018). How stable are new biologics? *Pharmind* 80, 1557–1563.

Stiller S., Paulsen TR., Weber K., Donath C., Schreib G., Jensen KH., (2018). A 90-day toxicity and genotoxicity studies with high-purity phenylcapsaicin. *Toxicology Letters*.

Carrara S., Vasso M., (2019). Exhaustive Extraction. *European Biopharmaceutical Review*, 80–86.

Johansson H., Gradin R., Johansson A., Adriaens E., Edwards A., Zuckerstätter V., Jerre A., Burleson F., Gehrke H., Roggen EL., (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.

Barrau E., Desmartin E., Paschetta., Tartaglione D., Furest MC., Novak A., (2020). Genotoxic Impurities in Drug Products: Review of Nitrosamine Assays. *European Biopharmaceutical Review*.

Kort M de., Weber K., Wimmer B., Wilutzky K., Neuenhahn P., Allingham P., Leoni AL., (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.

CLINICAL DIAGNOSTICS

2001 – 2010

Kleiboeker SB., Schommer SK., Lee SM., 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 SM., Kleiboeker SB., (2005). Porcine arterivirus activates the NF-κB pathway through IκB degradation. *Virology* 342 (1), 47–59.

Pardo ID., Johnson GC., Kleiboeker SB., (2005). Phylogenetic characterization of canine distemper viruses detected in naturally infected dogs in North America. *Journal of Clinical Microbiology* 43 (1), 5009–5017.

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

Lee SM., Kleiboeker SB., (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 DJ., 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 ML., Halsey JF., Altman LC., (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 JF., Altrich M., (2009). Allergic reactions to therapeutic drugs. *MLO: Medical Laboratory Observer* 41 (12), 14–26.

Michelle A., (2009). Role of dietary patterns for dioxin and PCB exposure. *Molecular Nutrition & Food Research* 53 (11), 1438–1451.

Chen AY., Zhang EY., Guan W., Cheng F., Kleiboeker S., Yankee TM., 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, 1070–1080.

Koon K., Sanders CM., 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).

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 ML., Clancy CJ., Vadnerkar A., Kwak EJ., Silveira FP., Wissel MC., Grantham KJ., Shields RK., Crespo M., Pilewski J., Toyoda Y., (2011). Comparison of an Aspergillus real-time polymerase chain reaction assay with galactomannan testing of bronchoalvelolar lavage fluid for the diagnosis of invasive pulmonary aspergillosis in lung transplant recipients. *Clinical Infectious Diseases* 52 (10), 1218–1226.



Walsh TJ., Wissel MC., Grantham KJ., Petraitene R., Petraitis V., Kasai M., Francesconi A., Cotton MP., Hughes JE., Greene L., Bacher JD., (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, 4150–4157.

Lou S., Luo Y., Cheng F., Huang Q., Shen W., Kleiboeker S., Tisdale JF., 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 MH., Wissel MC., Shields RK., Salomoni MA., Hao B., Press EG., Shields RM., Cheng S., Mitsani D., Vadnerkar A., Silveira FP., (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.

Stumm M., Entezami M., Trunk N., Beck M., Löcherbach J., Wegner RD., 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.

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.

Divers J., Núñez M., High KP., Murea M., Rocco MV., Ma L., Bowden DW., Hicks PJ., Spainhour M., Ornelles DA., Kleiboeker SB., (2013). JC polyoma virus interacts with APOL1 in African Americans with nondiabetic nephropathy. *Kidney International* 84 (6), 1207–1213.

Fried AJ., Altrich ML., Liu H., Halsey JF., Bonilla FA., (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 AJ., Wissel MC., Kleiboeker SB., Thomas CP., (2013). An unexpected surge in plasma BKPyV viral load heralds the development of BKPyV associated metastatic bladder cancer in a lung transplant recipient with BKPyV nephropathy. *American Journal of Transplantation* 17 (3), 813–818.

Abdelhedi F., El Khattabi L., Cuisset L., Tsatsaris V., Viot G., Druart L., Lebbar A., Dupont JM., (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*.

Bachelet JT., Buiret G., Chevallier M., Bergerot JF., 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*, 114–117.

Fulla Y., Gauchez AS., Thuiller F., Morin JF., Charrie A., Sault C., Lamy PJ., 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 RD., 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 MD., Weisman D., Adams J., Li S., Green J., Malone LL., Clemons 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 (460), 1471–2334.



Kerley C., Hutchinson K., Greally P., Couglan 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 YJ., Zheng J., Kolitsopoulos Y., Chung D., Amigues I., Son T., Choo K., Hester J., Giralt SA., Glezerman IG., Jakubowski AA., (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.

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 MP., Read MH., 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.

Souberbielle JC., Benhamou CL., 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 raisonnable du dosage de vitamine D. *Annales de Biologie Clinique* 72, 385–390.

Souberbielle JC., Benhamou CL., 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 vitamineD: ne passons pas d'une situation extrême à une autre situation tout aussi extrême. *Presse Med* 43, 5–8.

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.

Amat A.C., 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., Rueda P., Gortázar C., (2015). Testing Eurasian wild boar piglets for serum antibodies against *Mycobacterium bovis*. *Preventive Veterinary Medicine* 112 (121), 93–98.

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

Bouakkadia H., Boutebba A., Haddad I., Vinh J., Guilloux L., Sutra JP., Sénechal 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.

Chen WJ., Arnold J., Fairchok M., Schofield C., Kristina J., Danaher P., Rajnik M., McDonough E., Mor D., Ridore M., Burgess T., Malone L., Grigorenko E., Stalons D., Millar E., Jackson HM., (2015). Etiology Unknown: Are less recognized respiratory pathogens associated with a milder course of illness. *Open Forum Infectious Diseases* 2 (1), 526.

Corinne Sault, (2015). The impact of introducing combined first-trimester trisomy 21 screening in the French population. *European Journal of Public Health*.

Démurger F., Ichkou A., Mougou-Zerelli S., Le Merrer M., Goudefroye G., Delezoide AL, Quélín 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.

Dufour-Rainfray, D., Moal, V., Cloix, L., Mathieu, E., Gauchez, A.S., Brossaud, J., Corcuff, J.B., Fraissinet, F., Collet, C., de Casson, F.B. and Guilloteau, D., (2015). Dosages des stéroïdes par spectrométrie de masse. *Annales de Biologie Clinique* 73, 70–78.

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*.

Grömminger S., Erkan S., Schöck U., Stangier K., Bonnet J., Schloo R., Schubert A., Prott EC., 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 MD., Weisman D., Chahal K., Asis E., Stalons D., Grigorenko E., Green J., Malone LL., Clemons 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.

Laskin BL., Sullivan KE., Hester J., Goebel J., Davies SM., Jodele S., (2015). Antibodies to BK virus in children prior to allogeneic hematopoietic cell transplant. *Pediatric Blood & Cancer* 62 (9), 1670–1673.

Kerley C., Hutchinson K., Greally P., Couglan 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).

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*, 111–117.

Ridore M., Chen WJ., 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.

Servant-Delmas A., Ly TD., Hamon C., Houdah AK., Laperche S., (2015). Comparative performance of three rapid HBsAg assays for detection of HBs diagnostic escape mutants in clinical samples. *Journal of Clinical Microbiology*.

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.

Sault C., (2015). Dépistage de la trisomie 21 fœtale par les marqueurs sériques maternels. La Lettre (revue sages-femmes libérales).

Spaggiari E., Czerkiewicz I., Sault C., Dreux S., Galland A., Salomon LJ., 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*.

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 MA., 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*.

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 JF. (2016). Schistosomose en Corse: chronique d'une histoire annoncée. La Lettre de l'Infectiologue.

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

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

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

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). *Annales de Biologie Clinique*.

Dong M., Fisher C., Añez G., Rios M., Nakhasi HL., Hobson JP., 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.

Flem LL., (2016). Anticoagulant circulant (ACC): à propos de deux cas. *Spectra Biologie*.

Flem LL., (2016). Thrombopénie induite par l'héparine (TIH): à propos d'un cas. *Spectra Biologie*.

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

Lanier ER., Foster S., Brundage T., Chou S., Prichard MN., 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 PJ., Gauchez AS., Salomon L., Haugh M., Ceraline J., Fulla Y., Georges A., Larré S., Loric, S., Luporsi, E. and Martin, P.M., (2016). Les niveaux de preuve des biomarqueurs utilisés pour la détection précoce des cancers de la prostate. *Annales de Biologie Clinique* 74 (2), 227–232.

Lamy PJ., Sault C., Renard E., (2016). Une interférence dans le dosage de l'insuline révèle un syndrome auto-immun anti-insuline. *Annales de Biologie Clinique* 74.

Ly T.D., Coignard C., (2016). Incertitude de mesure et sérologie infectieuse. *Revue de Biologie Médicale* 332.

Mesquita PM., Preston-Hurlburt P., Keller MJ., Vudattu N., Espinoza L., Altrich M., Anastos K., Herold KC., Herold BC., (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 AM., (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*, 296–299.

Kerley CP., 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 CP., Hutchinson K., Cormican L., Faul J., Greally P., Coghlan D., Elnazir B., (2016). Vitamin D3 for uncontrolled childhood asthma: A pilot study. *Pediatric Allergy and Immunology* 27 (4), 404–412.

Pichat C., Couvin D., Carret G., Frédénucci I., Jacomo V., Carricajo A., Boisset S., Dumitrescu O., Flandrois JP., Lina G., Rastogi N., (2016). Combined Genotypic, Phylogenetic, and Epidemiologic Analyses of Mycobacterium tuberculosis Genetic Diversity in the Rhône Alpes Region, France. *Plos One*.

Prince HE., Altrich ML., Nowicki MJ., (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.

Rabut E., (2016). Evaluation de l'automate Neo® (Immucor) pour l'immuno-hématologie érythrocytaire. *Spectra Biologie*.

Sastre P., Pérez T., Costa S., Yang X., Räber A., Blome S., Goller K.V., Gallardo C., Tapia I., García J., Sanz A., Rueda P., (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.

Septfons A., Noël H., Leparc-Goffart I., Giron S., Delisle E., Chappert JL., (2016). Surveillance du chikungunya et de la dengue en France métropolitaine, 2014. *Bulletin Épidémiologique Hebdomadaire*.

Souberbielle JC., Benhamou CL., 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? *Geriatrie et psychologie neuropsychiatrie du vieillissement* 14 (6), 377–388.

Assalet LG., (2017). Réactivité croisée in silico, in vitro, in vivo. *Allergies alimentaires*.

Bonnin A., Muller F., Senat MV., 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.

Calba C., Guerbois-Galla M., Franke F., Jeannin C., Auzet-Caillaud M., Grard G., Pigaglio L., Decoppet A., Weicherding J., Savaill MC., Munoz-Riviero M., (2017). Preliminary report of an autochthonous Chikungunya outbreak in France, July to September 2017. *Eurosurveillance*.

Chyderiotis G., (2017). Screening and identification of antinuclear antibodies (ANA): analysis of the European EASI survey and confrontation of the French routine practice to the international recommandations. *Annales de Biologie Clinique*.

de Casson FB., Moal V., Gauchez AS., Moineau MP., Sault C., Schlageter MH., 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 MA., Fabien N., Chyderiotis G., Musset L., Pham BN., 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 (7).

Estelle B., Cohen R., Cécile Mazellier., (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).

First MR., Pierry D., McNulty M., Kurian SM., Rose S., (2017). Analytical and Clinical Validation of a Molecular Diagnostic Signature in Kidney Transplant Recipients. *Journal of Transplantation Technologies & Research* 7 (3).

Gabrilovich MI., Huff MD., McMillen SM., 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.

Ghisetti V., Coignard C., Allice T., Duong LT., (2017). Evaluation of the performance of a new automated HIV combination assay. *Journal of Clinical Virology*.

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.

Hockman D., Dong M., Zheng H., Kumar S., Huff MD., 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.

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.

Kerley CP., 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.

Noël H., Ruello M., Maccary A., Pelat C., Sommen C., Boissier J., Barré-Cardi H., Filliaux J., Termignon JL., 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'évelorimus 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 JP., Barbier M., Dumitrescu O., Pichat C., Carret G., Ronnaux-Baron AS., Blasquez G., Godin-Benham 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 JM., Carli D., Bour JB., Boudjeltia S., Dewilde A., Gerbier G., Nussbaumer T., Jacomo V., Rapt MP., Rollin PE., Septfons A., (2017). Seoul Virus Infection in Humans, France, 2014–2016. *Emerging Infectious Diseases* 23, 973–977.

Reynes JM., Carli D., Renaudin B., Fizet A., Bour JB., 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. *BEH*.

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

Shahali Y., Sutra JP., 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.*

Spaggiari E., Dreux S., Stirnemann JJ., Cerkiewicz I., Houfflin-Debarge V., Segonne A., Jouannic JM., 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 TD., Roque-Afonso AM., 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.* 14–21.

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

Zridri A., Amasdi S., Lyahyai J., Elouardi H., Chkiret 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.*

Zridri A., Jaouad IC., 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.

Barbier M., Dumitrescu O., Pichat C., Carret G., Ronnaux-Baron AS., 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.

Cassuto NG., Marras G., Jacomo V., Bouret D., (2018). Persistence of Zika virus in gradient sperm preparation. *Journal of gynecology obstetrics and human reproduction.*

Chabane H., Apoil PA., Castelain C., Bouvier M., Bouz C., Dalampira G., Delebarre-Sauvage C., Dzviga C., Farouz JC., 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 JF., Yon M., Jondreville L., (2018). Genetic Characterization of B-Cell Prolymphocytic Leukemia (B-PLL): A Hierarchical Prognostic Model Involving MYC and TP53 Abnormalities. *Blood*, 1821–1831.

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

Franke F., Septfons A., Leparc-Goffart I., Giron S., Guinard A., Burdet S., (2018). Surveillance du chikungunya, de la dengue et des infections à virus Zika en France métropolitaine, 2017. *Bulletin épidémiologique hebdomadaire.*

Jaouad IC., Zridri A., Jdioui W., Lyahyai J., Raymond L., Egéa G., Taoudi M., El Mouatassim S., Sefiani A., (2018). A novel non sense mutation in WDR62 causes autosomal recessive primary microcephaly: a case report. *BMC Medical Genetics.*

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

Musset L., Fabien N., Chyderiotis G., Olsson NO., Pham BN., Dragon MAD., (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*.

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

Sault C., (2018). Actualités sur la pré-éclampsie et place de la biologie. *Revue de Medicine 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), 1464–18.

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., Stawiarski 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*.

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

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

First MR., Peddi VR., Mannon R., Knight R., Marsh CL., Kurian SM., Rice JC., Maluf D., Mandelbrot D., Patel J., David C., Schieve D., Lee D., Lewis P., Friedewald JJ., Abecassis, MM., 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., Risalde M.A., Gortázar C., Tapia I., Gonsález 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.

Genestet C., Tatai C., Berland JL., Claude JB., Westeel E., Hodille E., Fredenucci I., Rasigade JP., Ponsoda M., Jacomo V., Vachée A., (2019). Prospective Whole-Genome Sequencing in Tuberculosis Outbreak Investigation, France, 2017–2018. *Emerging Infectious Diseases*.

Giron S., Franke F., Decoppet A., Cadiou B., Travagliini T., Thirion L., Durand G., Jeannin C., L'ambert G., Grard G., Noel H., (2019). Vector-borne Transmission of Zika Virus in Europe, Southern France, August 2019. *Eurosurveillance*.



Groopman EE., Marasa M., Cameron-Christie S., Petrovski S., Aggarwal VS., Milo-Rasouly H., Li Y., Zhang J., Nestor J., Krishivasan P., Lam WY., (2019). Diagnostic Utility of Exome Sequencing for Kidney Disease. *The New England Journal of Medicine.*

Hamdi SM., 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.*

Laskin BL., Denburg MR., Furth SL., Moatz T., Altrich M., Kleiboeker S., Lutzko C., Zhu X., Blackard JT., Jodele S., Lane A., (2019). The natural history of BK polyomavirus and the host immune response after stem cell transplantation. *Clinical Infectious Diseases.*

Penthal D., Etancelin P., Lusina D., Bidet A., Quilichini B., Gaillard B., Raford-Weiss I., Mozziconacci MJ., 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.

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.

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

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

Xu P., Ganaie SS., Wang X., Wang Z., Kleiboeker S., Horton NC., Heier RF., Meyers MJ., Tavis JE., 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.

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

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

Fries N., Le Garrec S., Egloff M., Sault C., Dreux S., Mangione R., Salomon LJ., 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* (2020).

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



Hoste A.C.R., Venteo A., Fresco-Taboada A., Tapia I., Monedero A., López L., Jebbink M.F., Pérez-Ramírez E., Jimenez-Clavero M.A., Almonacid M., Munoz 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).

Kleiboecker 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.

Lecoquierre F., Brehin AC., 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.

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

Wang J., Ganaie SS., Cheng F., Xu P., Ning K., Wang X., Kleiboecker 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), 20.

2021

Hoste A.C.R., Ruiz R., Fernández-Pacheco P., Jiménez-Clavero M.A., 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.

COSMETICS TESTING

2000 – 2010

- Nanu EA., (2006).** Dermatita de contact la produse cosmetice. *RSCC Magazine* 6, 21–24.
- Nanu EA., (2008).** Rheological Tests in Cosmetic Applications. *RSCC Magazine* 8, 20–24.
- Nanu EA., (2009).** Rheological Behaviour of Some Cosmetic Systems. *RSCC Magazine* 9, 20–24.
- Ibanescu C., Danu M., Nanu A., Lungu M., Simionescu BC., (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., Horodinca 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, 29–37.

2011 – 2020

- Nanu EA., (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 JL., (2016).** La densité en fibres intra-épidermiques est abaissée dans les peaux sensibles. *Annales de Dermatologie et de Vénérérologie* 143 (12), 201.
- Stettler H., Kurka P., Wagner C., Sznurkowska K., Czernicka O., Böhling A., Bielfeldt S., Wilhelm KP., 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.
- Catherine Coignard., (2018).** Clinical Efficacy of a Novel Two-Part Skincare System on Pollution-Induced Skin Damage. *Journal of Drugs in Dermatology* 17 (9), 975–81.
- Klonowicz D., Czerwinska M., Sirvent A., Gatignol JP., (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.
- Ribet V., Mielewczyk E., Sirvent A., Georgescu V., Rossi AB., (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., Taraszkiewicz 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.
- Bronzina E., Clement A., Marie B., Fook Chong KT., 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 GN., Dopcea I., Nanu AE., Diguță CF., 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 Cosmetics, Dermatological Sciences and Applications* 19 (5), 1155–60.

Favrel S., Urbaniak A., Chabowska I., Sirvent A., Gatignol JP., (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.

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

2021

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

ENVIRONMENT TESTING

1980 – 1990

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

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

Fabarius G., Wilken M., Borgas M., Zeschmar-Lahl B., (1990). Release of organic pollutants during accidental fires. *Organohalogen Compounds* 3, 373.

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.

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

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.

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, 423–428.

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.

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

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

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

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

Wilken W., Neugebauer F., Zeschmar-Lahl B., Jager 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.

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.



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.

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.

Brodbek 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.

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

Domingo JL., Granero S., Schuhmacher M., Llobet JM., 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.

Effkemann S., Brødsgaard S., Mortensen P., Linde., 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.

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.

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.

Funcke W., Hemminghaus HJ., (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., Hemminghaus HJ., Mark FE., 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., Hovemann A., Philipp C., Mark FE., 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.

Funcke W., Linnemann H., Bröker G., Geueke KJ., (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.

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.

- Funcke W., Mayer J., Wilken U., (1996).** Analysis of Polyhalogenated Dibenzofurans and Dibenzo(p)dioxins (PXDF/Ds) in the Scope of an Interlaboratory Test. *Organohalogen Compounds* 23, 311–314.
- Gass HC., Jager 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.
- Gass HC., 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.
- Gass HC., Sünderhauf W., Rotard W., Jager J., (2000).** Secondary analysis of dioxin emission data of a municipal solid waste incinerator. *Organohalogen Compounds* 46, 154–157.
- Hans Ulrich Dahme., (2000).** Antimicrobial resistance of mesophilic Aeromonas spp. isolated from two European rivers. *Journal of Antimicrobial Chemotherapy* (2), 297–301.
- Jager E., Rüden H., Zeschmar-Lahl B., (1994).** Kompostierungsanlagen 2. Mitteilung: Aerogene Keimbelaustung an verschiedenen Arbeitsbereichen von Kompostierungsanlagen. *Zentralblatt für Hygiene und Umweltmedizin* 196 (4), 367–379.
- Jager E., Zeschmar-Lahl B., Rüden H., (1995).** Mikrobiologische Aspekte bei der Sammlung, Lagerung und dem Transport von Haushalts- und Haushaltsnassabfällen. *Abfallwirtsch Journal* 27 (3), 186–192.
- Jager J., (1992).** PCDD/PCDF contamination of different pesticides produced in former GDR. *Chemosphere* 40 (1–4), 201–211.
- Jager J., Wilken M., Beyer A., Rakel H., Zeschmar-Lahl B., Jager E., (1993).** Practical concept to minimize the emission of halogenated organic compounds form municipal solid waste incinerators. *Chemosphere* 27 (1–3), 141–148.
- Jager J., Wilken M., Zeschmar-Lahl B., (1992).** Dioxin- und Furan-Emissionen in Berlin – eine Hochrechnung. *Organohalogen Compounds* 52 (3), 99–106.
- Kolenda J., Gass H., Wilken M., Jager J., Zeschmar-Lahl B., (1994).** Determination an Reduction of PCDD/PCDF Emissions form Wood burning Facilities. *Chemosphere* 29, 1927–1938.
- König J., (1991).** Immissionsbelastung durch polychlorierte Dibenzofurane, Dibenzo(p)dioxine und Biphenyle sowie durch Perchlorethylen. *VDI-Berichte* 888, 671–691.
- König J., Theisen J., Günther W., Liebl KH., Büchen M., (1991).** Immissionsbelastung durch polychlorierte Dibenzofurane und Dibenzo(p)dioxine an verschiedenen Standorten in Hessen. *Organohalogen Compounds* 7, 291.
- König J., Theisen J., Günther WJ., Liebl KH., Büchen M., (1993).** Ambient air levels of polychlorinated biphenyls at different sites in Hessen, Germany. *Chemosphere* 26 (5), 851–861.
- 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.
- Lichtenstein N., Stockmann R., Bogdolla B., Hosseinpour J., Jaeger K., Kieper H., Linde H., Schramm K., (1996).** Ringversuch zur Messung polychlorierter Dibenzodioxine und -furane an Arbeitsplätzen. *Gefahrstoffe Reinhaltung der Luft* 56, 239–245.
- Martin YL., (1994).** A global approach to accurate and automatic quantitative analysis of NMR spectra by complex least-squares curve fitting. *Journal of Magnetic Resonance*, 1–10.

- 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, 1025–1027.
- Mayer J., Rentschler W., Sczech J., (1999).** Long-Term Monitoring of Dioxin Emissions of a Hazardous Waste Incinerator during Lowered Incineration Temperature. *Organohalogen Compounds* 41, 239–242.
- Mohr K., Nonn Ch., Kolenda J., Gass H., Menke D., Jager J., (1996).** Innovations in continuous emission control of PCDD/F from municipal solid waste incineration facilities. *Organohalogen Compounds* 27, 93–98.
- 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.
- Muller L., Tabrizi P., Jager E., Neugebauer F., (1998).** Identification of PCDD/PCDF and PCB in ambient air by using moss and kale as biomonitor. *Organohalogen Compounds* 33.
- Schuhmacher M., Domingo JL., Llobet JM., Müller L., Sünderhauf W., Jager 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 JL., Llobet JM., 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.
- Schuhmacher M., Granero S., Rivera J., Müller L., Llobet JM., Domingo JL., (2000).** Atmospheric deposition of PCDD/Fs near an old municipal waste incinerator: Levels in soil and vegetation. *Chemosphere* 40 (6), 593–600.
- Schumacher M., Domingo JL., Llobet JM., Mueller L., Jager 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.
- Theisen J., Maulshagen A., Fuchs J., (1993).** Organic and inorganic substances in the copper slag Kieselrot. *Chemosphere* 26 (5), 881–896.
- 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., 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.
- Wilken M., Schanne L., Gass HC., (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.
- Y. Xie H. Zhou., RS. Bhangu., (1999).** Chemical Species. *Water Environment Research* 71, 519–530.
- Zeschmar-Lahl B., Jager E., Rüden H., (1994).** Die Hygieneproblematik in der Abfallwirtschaft. *Journal of the American Water Works Association* 1 (2), 20–25.

2001 – 2010

- Aurélien Nicolas., (2002).** Infections à agents transmissibles conventionnels liées à l'endoscopie digestive. *Hygienes* 10 (6), 379–387.
- 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.
- Campanac CC., Pineau L., Payard A., Baziard-Mouysset G., Roques C., (2002).** Interactions between Biocide Cationic Agents and Bacterial Biofilms. *Antimicrobial Agents And Chemotherapy*, 1469–1474.
- 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.
- Desbuquois C., Pineau L., (2003).** Procédure de nettoyage/désinfection par la méthode vapeur Sanivap. *Hygienes* 11, 4356–357.
- 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.
- Descroix A., Bec A., Bourdier G., Sargas D., Sauvanet J., Misson B., Desvillettes 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.
- Domingo JL., Llobet JM., Agramunt MC., Schumacher M., Gomez M., Müller L., (2002).** Biological Monitoring of Orgnaic Substances in Workers at a HWI of Catalonia Spain. *Organohalogen Compounds* 55, 263–266.
- Ed J. George., (2006).** Reversed-Phase Liquid Chromtaography/Electrospray Ionization/Tandem Mass Spectrometry for Analysis of Perchlorate in Water. *Journal Chromatography A* 1133, 215–220.
- Elodie Rabut., (2002).** Gestion du risque infectieux lié aux endoscopes: nécessité de prélèvements microbiologiques réguliers. *Hygienes* 10 (6), 451–456.
- Fiedler H., Chareonsong P., Mayer J., Hartenstein HU., (2002).** PCDD/PCDF emissions from stationary sources – first results from Thailand. *Organohalogen Compounds* 59, 211–214.
- Fiedler H., Mangwiwo A., Hovemann A., Moudachirou M., Ahilihan F., Morakpaï C., (2007).** Concentrations of unintentional POPs in soils and ashes from Benin, Africa. *Organohalogen Compounds* 69, 311–314.
- Gass HC., 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.
- Gass HC., 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.
- Gass HC., 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.
- Gass HC., Lüder K., (2002).** PCDD/F-Untersuchungen während des Anfahrbetriebes nach Kurz- und Langzeitreviesionen an einer thermischen Abfallverwertungsanlage. *Fachtagung Thermische Abfallbehandlung*, 20, 87–96.
- Gass HC., Lüder K., Sünderhauf W., 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.



Gass HC., 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.

Gass HC., 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.

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.

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.

Joshi BD., Berg M., Rogers J., Fletcher J., Melcher U., (2005). Sequence comparisons of plasmids pBJS-0 of Spiroplasma citri and pSKU146 of S. kunkelii: implications for plasmid evolution. *BMC Genomics* 6 (175), 11.

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

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

Li Y., George JE., McCarty CL., Wendelken SC., (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.

Li Y., George JE., McCarty CL., Wendelken SC., (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.

Li Y., Whitaker JS., McCarty CL., (2009). New Advances in Large-Volume Injection Gas Chromatography-Mass Spectrometry (Review Article). *Journal of Liquid Chromatography & Related Technologies* 32, 1644–1671.

Llobet JM., Bocio A., Domingo JL., 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 JM., Domingo JL., 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.

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

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

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.

Mélanie Dautigny., (2002). Automatic endoscope reprocessors. *International Review of Modern Surgery* 95.

Neugebauer F., Paepke 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.

Paepke O., Schecter 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.



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.

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., Desbuquois C., Luu-Duc D., Marchetti B., (2007). La désinfection par la vapeur: efficacité microbiologique. *Hygienes* 15 (4), 305–311.

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.

Pineau L., Villard E., Luu DucD., Marchetti B., (2008). Endoscope drying/storage cabinet: interest and Efficacy. *Journal of Hospital Infection* 68 (1), 59–65.

Pineau L., Villard E., Luu DucD., Marchetti B., (2008). Endoscope drying/storage cabinet: interest and Efficacy. *Journal of Hospital Infection* 68 (1), 59–65.

Sandra Kerbach*, (2002). Détergence appliquée au traitement des endoscopes: importance et méthode d'évaluation. *Hygienes* 10 (6), 425–429.

Stuer-Lauridsen F., Kjølholt J., Høibye L., Hinge-Christensen S., Ingerslev F., Hansen M., Andersen Krogh K., Andersen HR., 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.

Sünderhauf W., Domingo JL., Llobet JM., 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.

Thomas Unger, (2002). Les systèmes de traitement semi-automatiques des endoscopes Scope Maintenance Processor (Alkapharm). *Hygienes* 10 (6), 442–443.

Venkateshvaran D., Althammer M., Nielsen A., Geprägs S., Rao MR., Goennenwein ST., Opel M., Gross R., (2009). Epitaxial ZnxFe_{3-x}O₄ thin films: A spintronic material with tunable electrical and magnetic properties. *Physical Review B* 79 (13), 79.

Venkateshvaran D., Kaiser W., Boger A., Althammer M., Rao MR., Goennenwein ST., Opel M., Gross R., (2008). Anomalous Hall effect in magnetite: Universal scaling relation between Hall and longitudinal conductivity in low-conductivity ferromagnets. *Physical Review B* 78 (9), 78.

Volkmer G., Klenk C., Neugebauer F., (2008). Unsatisfying results as an effect of insufficient evaluation and planning. *Organohalogen Compounds* 70, 1341–1344.

von der Trenck KT., Behnisch PA., 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

Agersnap S., Larsen WB., Knudsen SW., Strand D., Thomsen PF., Hesselsøe M., Mortensen PB., Vrålstad T., Møller PR., (2017). Monitoring of noble, signal and narrow-clawed crayfish using environmental DNA from freshwater samples. *PLOS One* 12 (6).

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

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

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

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

Althammer M., Meyer S., Nakayama H., Schreier M., Altmannshofer S., Weiler M., Huebl H., Geprägs S., Opel M., Gross R., Meier D., (2013). Quantitative study of the spin Hall magnetoresistance in ferromagnetic insulator/normal metal hybrids. *Physical Review* 87 (22), 87.

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 létere?. *Zöld Ipar Magazin*.

Arnau A., Solís I., Ferrer C., Marisa Jimenez., Guillermo Rodríguez., (2015). Sistema de detección y cuantificación on line de Legionella viable en aguas. *Tecnoqua*.

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

Bachmann HJ., Bucheli TD., Dieguez-Alonso A., Fabbri D., Knicker H., Schmidt HP., 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 Agriculture Food Chemistry* 64, 513–527.

Bannochie CJ., Fellinger TL., Garcia-Strickland P., Shah HB., Jain V., Wilmarth WR., (2017). Mercury in aqueous tank waste at the Savannah River Site: Facts, forms, and impacts. *Separation Science and Technology* 13, 1–3.

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

Beilenhoff U., Biering H., Blum R., Brljak J., Cimbro M., Dumonceau JM., Hassan C., Jung M., Neumann C., Pietsch M., Pineau L., Ponchon T., Rejchrt S., Rey JF., Schmidt V., Tillett J., Hooft JV., (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 JM., Hassan C., Jung M., Neumann C., Pietsch M., Pineau L., Ponchon T., Rejchrt S., Rey JF., Schmidt V., Tillett J., Hooft JV., (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.

Boix C., Ibáñez M., Sancho JV., Rambla J., Aranda JL., 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 JA., Berlanga-Clavijo JG., Miguel-Seisdedos D., Tortajada-Martínez E., Mosquera-Corral A., Solis-Andrés I., Javier RD., Siro CM., (2014). Estudios de determinación de biomasa desnitrificante mediante FISH en sistema anóxico de lecho móvil. aguasresiduales.info.

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

Burrows R., Grams N., Davis J., Bull L., (2019). A Case Study in Dirty Water and Clean Method Detection Limits." In Detection Limits in Air Quality and Environmental Measurements. *ASTM International* 35.

Caraco EF., Andrés IS., (2018). Proyecto REMEB: reutilización de agua mediante membranas cerámicas low-cost implementadas en un MBR. *Tecnoqua* 34.

Dahme HU., (2020). Analytische herausforderungen im Bereich PFAS und Praxisanwendungen. *ITVA Altlastensymposium Berlin 2020*, 36–35.

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

de Wit., C.A., Bossi R., Dietz R., Dreyer A., Faxneld S., Garbus SE., 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.

Dreyer A., Neugebauer F., Lohmann N., Rüdel 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.

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

Dreyer A., Neugebauer F., Rüdel 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., Rüdel 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.

Duc DL., Ducel GG., Perrissin MH., Ah-Dip C., Ballochchi 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. Hygienes* 20 (2), 51–62.

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

Fliedner A., Rüdel H., Jürling 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.

Fliedner A., Rüdel 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, 26939–26956.

Fliedner A., Rüdel 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.

Gaus C., Grant S., Jin L., Goot K., Chen L., Villa CA., 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.

Gonzalez SC., Gomez DR, Merino IF., Lopez LO., Carreras NB., Castell MTV., Villanueva JL., Fernandez CS., (2015). Proyecto LIFE STO3RE. *Retema*, 94–97.

Gonzalez SC., Gomez DR, Merino IF., Lopez LO., Carreras NB., Castell MTV, Villanueva JLM, Fernandez CS., (2018). A simple national intercomparison of radon in water. *Radiation Protection Dosimetry*.



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, 71–76.

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.

Jackie W., Bob S., Jonathon A., Kirstin R., Stewart W., (2020). Current practices underestimate environmental exposures to methamphetamine: inhalation exposures are important. *Journal of Exposure Science and Environmental Epidemiology*.

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.

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.

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.

Li Y., Whitaker JS., McCarty CL., (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.

Li Y., Whitaker JS., McCarty CL., (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.

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.

Lohmann N., Rolle S., Koschorreck J., Paepke 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., Päpke 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.

Neugebauer F., Ast C., Päpke 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.

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

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, 1375–1387.



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.

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

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

Nicolas A., Blöcher G., Kluge C., Li Z., Hofmann H., Pei L., Milsch H., Fortin J., Guéguen Y., (2020). Influence of hydrothermal alteration on the elastic behaviour and failure of heat-treated andesite from Guadeloupe. *Geophysical Journal International*.

Opel M., (2011). Spintronic oxides grown by laser-MBE. *Journal of Physics D: Applied Physics* 45 (3), 33001.

Opel M., Geprägs S., Menzel EP., Nielsen A., Reisinger D., Nielsen KW., Brandlmaier A., Czeschka FD., Althammer M., Weiler M., Goennenwein ST., (2011). Novel multifunctional materials based on oxide thin films and artificial heteroepitaxial multilayers. *Physica Status Solidia* 208 (2), 232–251.

Paepe O., Neugebauer F., Schechter 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., (2020). Antimicrobial Test Methods in the European Union. *Block's Disinfection, Sterilization, and Preservation, 6th edition* 63, 1269–1277.

Pineau L., De Philippe E., (2013). Evaluation of endoscope cleanliness after reprocessing: a clinical-use study. *Zentralsterilisation - Central Service* 1, 22–27.

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.

Renau E., Ferrer MC., Donato J., Solís I., Ferrer C., Lázaro M., Rodríguez G., (2013). Prevención de legionelosis en playas mediante la cuantificación rápida de Legionella spp. *Tecnoagua* 13.

Roberson JA., 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.

Rodríguez-Cea A., Rodríguez-González P., Cardona NF., Aranda JL., Nebot SB., Alonso JIG., (2015). Determination of ultratrace levels of Tributyltin in waters by isotope dilution and gas chromatography coupled to tandem mass spectrometry. *Journal of Chromatography A*, 265–272.

Roques C., Pineau L., Florentin A., (2012). Automated room surface disinfection: Proposals for an international standard. *European Infectious Disease* 6 (2), 94–97.

Rosado A., Hernandez PS., Ruiz ST., (2016). Análisis de Biogas, nunca un control fue tan fácil. *Retema*, 84–90.

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

Rosen JS., Whelton AJ., McGuire MJ., Clancy JL., 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.

- Santen M., Brigden K., Wang M., Chen LY., 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.
- Sather ME., 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., 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, 617–627.
- 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.
- Schechter A., Haffner D., Colacino J., Patel K., Päpke 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.
- Schechter A., Haffner D., Colacino J., Patel K., Päpke 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.
- Shanley JB., Engle MA., Scholl M., Krabbenhoft DP., Brunette R., Olson ML., Conroy ME., (2015).** High Mercury Wet Deposition at a "Clean Air" Site in Puerto Rico. *Environmental Science & Technology* 49 (20), 12474–12482.
- 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.
- Šuštaršič M., (2018).** Development of encapsulated biocidal agent for the control of microorganisms in papermaking. *Papir: revija Društva inženirjev in tehnikov papirnštva* 46 (20), 36–39.
- Szuróczki S., Kéki Z., Káli S., Lippai A., Márialigeti K., Tóth E., (2016).** Microbiological investigations of two thermal baths in Budapest Hungary. Report: effest of bathing and pool operation type of water quality. *National Library of Medicine* 63 (2).
- Temme C., Neugebauer F., Selke S., Paepke O., (2012).** PBDE and PBB in various fish, fish oil and environmental samples of 2010 and 2011. *Organohalogen Compounds* 74, 224–227.
- Vanderford BJ., Drewes JE., Eaton A., Guo YC., Haghani A., Hoppe-Jones C., Schluesener MP., Snyder SA., Ternes T., Wood CJ., (2014).** Results of an interlaboratory comparison of analytical methods for contaminants of emerging concern in water. *Analytical Chemistry* 86 (1), 774–782.
- Vijayasarathy S., Wejs 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 (12).
- Weber DJ., M.D., M.P.H., Pineau L., Ph.D., Bolton JR., (2020).** Proposed Standard for Ultraviolet-Based High-Level Disinfection of Medical Devices. *UV solution* 2.



Weiler M., Althammer M., Czeschka FD., Huebl H., Wagner MS., Opel M., Imort IM., Reiss G., Thomas A., Gross R., Goennenwein ST., (2012). Local Charge and Spin Currents in Magnetothermal Landscapes. *Physical Review Letters* 108 (10), 108.

Zuriaga-Agustí JGE., Berlang I., Pastor Cl., Martínez G., Silvestr J., Claros C., García JL., 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.

FOOD AND FEED TESTING

1980 – 1990

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

Martin GJ., Zhang BL., Naulet N., Martin ML., (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 ML., Martin GJ., (1990). Deuterium NMR in the Study of site- specific Natural Isotope Fractionation (SNIF- NMR). *Springer Link* 23.

1991 – 2000

Funcke W., Hovemann A., Luthardt P., (1991). Einfluß des Elektrofilters von Verbrennungsanlagen auf Abgaskonzentrationen organischer Substanzen. *Organohalogen Compounds* 7, 171.

Funcke W., Linnemann H., (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.

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., 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., 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.

Martin G., Remaud G., Martin GJ., (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, 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* 474, 117–120.

Specht W., Pelz S. and Gilzbach 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 BL., Lees M., Martin GJ., (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.

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

Jager E., Eckrich C., (1996). Methoden und Problematik der Keimzahlbestimmung und deren Bewertung. *Abfallbehandlung, Heft 32*, 67–81.

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

Martin GG., Wood R., Martin GJ., (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.

Funcke W., Luthardt P., Philipp C., (1997). Co-Combustion of Alternative Fuel in a Coal-Fired Power Plant. *Organohalogen Compounds* 31, 497–501.

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

Jamin E., Gonzalez T., Bengoechea I., Kerneur G., Remaud G., Naulet N., Martin GG., (1997). Measurement of $^{13}\text{C}/^{12}\text{C}$ Ratios of Sugars, Malic Acid, and Citric Acid as Authenticity Probes of Citrus Juices and Concentrates. *Journal of AOAC International* 81 (3), 604–609.

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

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

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

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

Popp W., Norpeth 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 GS., Martin YL., Martin GG., Martin GJ., (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 GA., PaEpke O., McLachlan SM., (1997). Fecal Clearance of PCDD/Fs in Occupationally Exposed Persons. *Organohalogen Compounds* 33, 408–413.

Schecter A., Päpke O., Fürst P., Ryan JJ., (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.

Schecter A., Päpke 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 Pentachlorphenol. *Organohalogen Compounds* 32, 51–55.

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



- Schechter A., Ryan J., Päpke O., (1997).** Dioxin and Dibenzofuran Levels in Blood and Adipose Tissue Following Occupational Exposures to Pentachlorphenol. *Organohalogen Compounds* 33, 467–472.
- Schechter A., Päpke O., Ryan JJ., Furst P., Isaac J., Nader SH., Neiroukh F., Safi J., el Nahhal Y., El Haj S., Avni A., (1997).** Dioxins, Dibenofurans, and PCBs in Human Blood, Human Milk, and Food from Israel, the West Bank, and Gaza. *Organohalogen Compounds* 33, 457–461.
- 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 WJ., Schechter AJ., Päpke O., Denison MS., (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., Päpke 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.
- Bolm-Audorff U., Bienfait HG., Knecht U., Woitowitz HJ., Päpke O., Turcer E., Menzel HM., (1998).** Dioxinexposition beim Schneidbrennen, Schweißen und Hartlöten. *Arbeitsmed, Sozialmed, Umweltmed* 24, 28–34.
- Brandt-Rauf P., Päpke O., Schechter 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 GG., (1998).** Proteins as intermolecular isotope reference for detection of adulteration of fruit juices. *Journal of Agriculture and Food Chemistry* 46 (12), 5118–5123.
- Lees M., (1998).** Food Authenticity: Issues and methodologies. *Eurofins Scintific, Nantes, France*.
- Lees M., Martin G., Holland J., (1998).** Fruit Juices, Nectars and Purées. *Food Authenticity: Issues and Methodologies*, 121–165.
- Menzel HM., Bolm-Audorff U., Turcer E., Bienfait HG., Albracht G., Walter D., Emmel C., Knecht U., Päpke O., (1998).** Occupational exposure to dioxins by thermal oxygen cutting, welding, and soldering of metals. *Environmental Health Perspectives* 106 (2), 715–722.
- Päpke O., (1998).** PCDD/PCDF: Human background data for Germany, a 10-year experience. *Environmental Health Perspectives* 106 (2), 723–731.
- Schechter A., Ryan JJ., 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., Startin J., Wright C., Kelly M., Päpke O., Lis A., Ball M., Olson JR., (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.
- 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., 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., 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.

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 Adminstration 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 faecel excretion of 2,3,7,8-tetrachlorodibenzo-p-dioxin. *The Lancet* 354 (9186), 1266–1267.

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

González J., Remaud G., Jamin E., Naulet N., Martin GG., (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. *Agricultural and Food Chemistry* 47 (6), 2316–2321.

Jung D., Kraus K., Maskow L., Päpke 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.

Mamontova EA., Mamontov AA., Tarasova EN., Kolesnikov SI., Furst P., Päpke O., Ryan JJ., McLachlan MS., (1999). PCDD/Fs in human milk and blood samples from a contaminated region near Lake Baikal. *Organohalogen Compounds* 44, 37–40.

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

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

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

Päpke O., Herrmann T., (1999). Influence of Various Food Consumption Habits on the Human PCDD/PCDF Body Burden. *Preprints of Extended Abstracts* 39 (1), 108–110.



Royer A., Gerard C., Naulet N., Lees M., Martin GJ., (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.

Schechter A., Grosheva El., Päpke O., Ryan JJ., 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.

Schechter AJ., Sheu SU., Birnbaum LS., DeVito MJ., Denison MS., Päpke 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.

Schechter A., Dweik H., Päpke 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.

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

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

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

Abraham K., Päpke 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.

Couthinho M., Rodrigues R., Düwel U., Päpke 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.

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

Geusau A., Schmaldienst S., Päpke 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 GG., (2000). Detection of added L-malic acid in apple and cherry juices – site-specific 13C-IRMS method. *Fruit Processing*, 434–436.

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

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

Päpke O., Tritscher A., (2000). Determination of Polychlorodibenzo-p-dioxins (PCDDs) And Polychlorodibenzofurans (PCDFs) in Milk Powder and Infant Formula Produced In Brazil In 1998. *Organohalogen Compounds* 47, 292–389.

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

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., Dennison N., Haynes D., Shaw GR., Connell DW., Müller JF., (2001). Evidence for the presence of a widespread PCDD source in coastal sediments and soils from Queensland, Australia. *Chemosphere* 43 (4–7), 549–558.

Gaus C., Päpke O., Blanchard W., Haynes D., Connell D.W., Müller JF., (2001). Bioaccumulation and pathways of PCDDs in the lower trophic Marine System. *Organohalogen Compounds* 52, 95–99.

Gaus C., Weber R., Connell DW., Brunskill G., Prange JA., Päpke O., Mueller JF., (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., Strikkeling M., Ranken PF., Rothenbacher KP., (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.

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

Liem D., Päpke O., Wim Traag TW., Netherlands BA., (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., 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.

Luthardt P., Schulte J., (2001). PCDF Profiles in Emissions, Feeding Stuff and Food. *Organohalogen Compounds* 51, 230–234.

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

Martin YL, (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.

Müller JF., Prange J., Gaus C., Moore MR., Päpke O., (2001). Polychronitaed dibenzodioxins and dibenzofurans in butter from different states in Australia. *Environmental Science and Pollution Research* 8 (1), 7–10.

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

Müller JF., Gaus C., Prange J., Päpke O., Poon KF., Lam MH., Lam PK., (2001). PCDD/Fs in sediments from the Mai Po marshes nature reserve in Hong Kong. *Organohalogen Compounds* 51, 215–218.

Päpke 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., Päpke O., Griffiths N., Edwards R., (2001). Transfer of PCDD/F and heavy metals from incinerator ash on footpahts in allotments into soil and eggs. *Organohalogen Compounds* 51, 380–383.

Prange JA., Gaus C., Päpke O., Connell DW., Müller JF., (2001). PCDDs in geologically old samples from Queensland (Australia). *Organohalogen Compounds* 50, 534–537.

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

Schechter A., Päpke O., Prange J., Constable JD., Matsuda M., Thao VD., Piskac AL., (2001). Recent dioxin contamination from agent orange in residents of a southern Vietnam city. *Journal of Occupational & Environmental Medicine* 43 (5), 435–443.

Schechter A., Dai LC., Päpke O., Prange J., Constable JD., Matsuda M., Thao VD., 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., Päpke O., Samedy M., Piskac AL., (2001). Levels of Dioxin and Dibenzofuran congeners in Food and Blood from Cambodia. *Organohalogen Compounds* 52, 260–264.

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

Air V., Pless-Mulloli T., Schilling B., Päpke 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 JM., Borrego C., Santos R., Päpke O., (2002). PCDD/PCDF in human blood and breast milk in the Region of Oporto, Portugal. *Organohalogen Compounds* 55, 279–282.

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



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

Gaus C., Brunskill GJ., Connell DW., Prange J., Müller JF., Päpke 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., Päpke 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 JA., Päpke O., Müller JF., Weber R., (2002). Alternative hypothesis to natural PCDD formation. *Organohalogen Compounds* 59, 243–246.

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

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

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

Kruman II., Kumaravel TS., Lohani A., Pedersen WA., Cutler RG., Kruman Y., Haughey N., Lee J., Evans M., Mattson MP., (2002). Folic Acid Deficiency and Homocysteine Impair DNA Repair in Hippocampal Neurons and Sensitize Them to Amyloid Toxicity in Experimental Models of Alzheimer's Disease. *The Journal of Neuroscience* 22 (5), 1752–1762.

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., (2002). Dioxins: Now its time for action. *European Food & Drink Review* 2, 24–29.

Luthardt P., Hartung R., (2002). Immissionen: Trefferquote im Gauß-Krüger-Messraster. *Gefahrstoffe Reinhaltung der Luft* 6, 285–286.

Luthardt P., Dhaese J., Hartung R., Keymeulen R., (2002). Dioxin Emissions and Depositions at a Belgian Industrial Site. *Organohalogen Compounds* 57, 313–316.

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

Masuda Y., Haraguchi K., Kono S., Tsuji H., Päpke O., (2002). Concentrations of Dioxins and related compounds and their Effects to biochemicals in Fukuoka Residents. *Organohalogen Compounds* 55, 267–270.

Monakhova YB, Ruge W., Kuballa T., Ilse M., Winkelmann O., Diehl B., Thomas F., and Lachenmeier DW., (2002). Rapid approach to identify the presence of Arabica and Robusta species in coffee using ^1H NMR spectroscopy. *Food Chemistry* 182, 178–184.

Müller JF., Gaus C., Prange JA., Päpke O., Poon KF., Lam MH., Lam PK., (2002). Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in sediment from Hong Kong. *Marine Pollution Bulletin* 45 (1–2), 372–378.

Müller JF., Prange JA., Gaus C., Heuermann M., Hartkopp S., Moore MR., Päpke O., Horsley K., (2002). PCDD/Fs in a historic butter sample from Australia. *Organohalogen Compounds* 57, 233–236.



Oehme M., Päpke O., Burkow I.C., Foshaug H., Müller-Beck H., (2002). Level of PCDD/PCDF in marine mammal fat from the Chukotskiy Peninsula, Siberia, from ca. 600 – 700 AD. *Organohalogen Compounds* 56, 445–448.

Päpke 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.

Schwenk M., Gabrio T., Päpke O., Wallenhorst T., (2002). Human Biomonitoring of PCB and PCDD/PCDF in Teachers working in a PCB – contaminated School. *Chemosphere* 47 (2), 229–233.

Schechter A., Piskac AL., Grosheva El., Matorova NI., Ryan JJ., Fürst P., Päpke 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.

Schechter A., Pavuk M., Amirova DA., Grosheva El., Päpke O., Ryan JJ., Adibi J., Piskac AL., (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., Päpke O., (2002). Dioxins in commercial United States baby food. *Journal of Toxicology and Environmental Health, Part A* 35 (23), 1937–1943.

Schechter A., Pavuk M., Päpke O., Ryan JJ., (2002). Dioxins, Dibenzofurans, and Dioxin-like PCBs in Laotian Blood and Milk, 2001. *Organohalogen Compounds* 58, 313–316.

Schleicher O., Jensen AA., Blanksbjerg P., Thomsen E., Schilling B., (2002). Dioxin emissions from Biomass fired Energy Plants and other sources in Denmark. *Organohalogen Compounds* 56, 147–150.

Schechter A., Dai LC., Pavuk M., Päpke O., Constable JD., (2002). High level of dioxin contamination in Vietnamese from Agent Orange, three decades after the end of spraying. *Organohalogen Compounds* 55, 215–218.

Prange JA., Cook M., Päpke O., Müller JF., Weber R., (2002). PCDD/Fs in the atmosphere and combusted material during a forest fire in Queensland, Australia. *Organohalogen Compounds* 59, 207–210.

Prange JA., Gaus C., Päpke O., Weber R., Müller JF., (2002). Vertical distribution of PCDD/Fs in forest soil from Queensland, Australia. *Organohalogen Compounds* 59, 251–254.

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.

Yang JH., Schechter A., Päpke 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., Päpke O., Greyerz E., Agostoni C., Giovanni M., Besana R., Zetterström R., (2002). PCDDs/PCDFs and PCBs in mother's milk, originated from Seveso, Milan and a Rural Lombardi Area in Italy. A pilot study. *Organohalogen Compounds* 58, 329–332.

Bonas G., Zervou M., Papaoannou T., Lees M., (2003). SoftCRM': A new software for the certification of reference materials. *Accreditation and Quality Assurance* 8 (3–4), 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., Päpke O., (2003). Photolysis of PBDEs in solvents by exposure to daylight in routine laboratory procedure. *Organohalogen Compounds* 63, 361–364.

De Felip E., Päpke O., Herrmann T., Cardelli M., Ingelido AM., Porpora MG., Di Dimenico A., (2003). PBDE levels in Italian Nulliparous women of reproductive age. *Organohalogen Compounds* 61, 287–290.



Guiet S., Robins RJ., 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 AV., Flassbeck D., Gruemping R., (2003). Organosilicon compounds in the environment. *An American Pharmaceutical Review Supplement (2nd Edition)*, 305–351.

Imai T., Hamm S., Rothenbacher KP., (2003). Comparison of the Recyclability of Flame-Retarded Plastics. *Environmental Science & Technology* 37 (1), 652–657.

Jacobs M., Covaci A., Mueller J., Päpke 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 GJ., (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., Pöpping B., (2003). Part II: Authenticating and tracing particular foods: Meat and meat products. *Food Authenticity and Traceability*, 347–356.

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., (2003). Food Authenticity and Traceability. *Woodhead Publishing*.

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.

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., 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.

Müller J.F., Jacobs MN., Covaci A., Päpke O., (2003). Organohalogen compounds in historic butter. *Organohalogen Compounds* 64, 203–206.

Päpke O., Fürst P., Malisch R., Ryan JJ., Schechter 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., Päpke 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.

Prange JA., Gaus C., Weber R., Päpke O., Mueller JF., (2003). Are forest fires a source of PCDD/Fs in Queensland; Australia. *Organohalogen Compounds* 63, 130–133.

Prange JA., Gaus C., Weber R., Päpke O., Müller JF., (2003). Assessing Forest Fires as a Potential PCDD/F Source in Queensland, Australia. *Environmental Science & Technology* 37 (19), 4325–4329.

Schechter A., Quynh HT., Pavuk M., Päpke O., Malisch R., Constable JD., (2003). Food as a Source of Dioxins Exposure in Residents of Bien Hoa City, Vietnam. *Journal of Occupational & Environmental Medicine* 45 (8), 781–788.

Schechter A., Pavuk M., Päpke O., Ryan JJ., 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.

Schechter A., Quynh H.T., Pavuk M., Päpke O., Malisch R., Constable JD., (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.

Schechter A., Päpke O., Pavuk M., Tung KC., (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.

Schechter A., Pavuk M., Päpke O., Ryan JJ., (2003). Dioxins in Laotian blood and milk. *Organohalogen Compounds* 64, 262–265.

Schechter A., Pavuk M., Päpke O., Malisch R., (2003). Potassium dichromate and ethyl alcohol as blood preservatives for analysis of chlorinated organics. *Organohalogen Compounds* 60, 154–157.

Schechter A., Pavuk M., Päpke O., McKey J., (2003). Temporal and age trends in dioxin levels in US adults and children. *Organohalogen Compounds* 64, 100–103.

Tritscher A., Stadler R., Scanlan F., Collingro C., Päpke O., (2003). Determination of polybrominated Diphenylethers in samples of raw cow's milk, fish and eggs. *Organohalogen Compounds* 61, 131–134.

Tseng CH., Wang N., Ma K., (2003). A Successful Story of an Internet-enabled NIR System. *NIR Proceeding* 2003.

Vizard C., Pless-Mulloli T., Air V., Rimmer D., Singleton I., Schilling B., Päpke 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.

Camin F., Wietzerbin K., Cortes AB., 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.

Camon E., Magrane M., Barrell D., Lee V., Dimmer E., Maslen J., Binns D., Harte N., Lopez R., Apweiler R., (2004). The Gene Ontology Annotation (GOA) Database: sharing knowledge in Uniprot with Gene Ontology. *Nucleic Acids research* 32, 262–266.

Chao HR., Wang SL., Lee CC., Yu HY., Lu YK., Päpke 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.

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

Gaus C., O'Donohue M., Connell D., Mueller J., Haynes D., Päpke 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.

Faul 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.

Ha DT., Tuan MA., Viet NQ., Sau TK., Päpke O., Sanh NT., (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.



- Harden FA., Mueller J., Toms LL., Moore MR., Burniston D., Symons R., Ahokas JT., Fuerst P., Päpke 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.
- 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.
- Harden F., Mueller J., Toms LM., Gaus C., Moore M., Päpke O., Ryan J., Hobson P., (2004).** Determination of the Levels of Dioxin in the Australian Population by Analysis of Blood Serum. *Organohalogen Compounds* 66, 2853–2858.
- Herrmann T., Collingro C., Päpke O., (2004).** PCDDs/PCDFs and PCBs in mothers milk, originated from Seveso, Milan and a Rural Lombardi Areain Italy. A Pilot study. *Organohalogen Compounds* 66, 2122–2126.
- Hermanusse S., Limpus CJ., Päpke O., Blanchard W., Connell D., Gaus C., (2004).** Evaluating Spatial Patterns of Dioxins in Sediments to Determine Potential Implications for Marine Reptiles. *Organohalogen Compounds* 66, 1861 – 1867.
- Herrmann T., Dyballa C., Collingro C., Päpke O., (2004).** Recommendations for Demonstrating Equivalency of Ready to Assay Cells in Neutralizing Antibody (NAb) Methods Post-Validation. *American Association of Pharmaceutical Scientist Conference* 66, 1899–1904.
- Hölscher K., Maulshagen A., Shirkhan H., Lieck G., Behnisch PA., (2004).** Automated Rapid Analysis for Dioxins and PCBs in Food, Feedingstuff and Environmental Matrices. *Organohalogen Compounds* 66, 1–9.
- 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.
- Ingelido AM., Di Domenico A., Ballard T., De Felip E., Dellatte E., Ferri F., Fulgenzi A., Herrmann T., Iacovella N., Miniero R., Päpke 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.
- Khan N., Inam A., Mueller J., Herrmann T., Päpke O., (2004).** Determination of Dioxins, dioxin-like PCBs and Flame Retardants (PBDEs) in Sediments Collected in Pakistan. *Organohalogen Compounds* 66, 1420–1425.
- Kunz S., Schmitz HJ., Buchmann A., Schwarz M., Schilling B., Päpke O., Robertson LW., Lehmler HJ., Schrenk D., (2004).** Analysis of the Tumor-Promoting Potency of 2,4,4'-Trichlorphenyl and 2,2',4,5,5'-Pentachlorobiphenyl in rat Liver. *Organohalogen Compounds* 66, 3603–3609.
- Päpke O., Vieth B., Ostermann B., Herrmann T., (2004).** Determination of PBDEs in Human Milk- Analysis and Quality Control. *Organohalogen Compounds* 66, 562–569.
- Päpke O., Quynh HT., Schecter A., (2004).** Dioxins in Vietnamese, Vietnamese Food and Environment: Potential Relevance of Hot Spots from Recent Findings. *Organohalogen Compounds* 66, 3702–3707.
- Päpke O., Herrmann T., (2004).** Polybrominated diphenylethers (PBDEs) in fish samples of various origin. *Organohalogen Compounds* 66, 3971–3978.
- Päpke 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.

Pless-Mulloli T., Edwards R., Herrmann T., Päpke 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.

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.

Schechter A., Pavuk M., Päpke 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.

Schechter A., Päpke O., Tung KC., Staskal D., Birnbaum L., (2004). Polybrominated diphenyl ethers contamination of United States Food. *Environmental Science & Technology* 38 (20), 5306–5311.

Schechter A., Päpke O., Joseph J., Tung KC., (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., (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., (2004). Halogenated Organics in Vietnamese and in Vietnam Food: Dioxins dibenzofurans, PCBs, Polybrominated Diphenyl Ethers and selected Pesticides. *Organohalogen Compounds* 66, 3683–3688.

Schröter-Kermani C., Herrmann T., Päpke 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.

Schechter A., Päpke O., Ryan JJ., Rosen R., Tung KC., Pavuk M., Staskal D., Birnbaum L., Quynh HT., Constable JD., (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.

Sjödin A., Päpke O., McGahee III E., Jones RS., Lapeza CR., Focant JF., Pless-Mulloli T., Toms LM., Wang RY., Zhang Y., Needham LL., Herrmann T., Patterson DG., (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.

Stachel B., Götz R., Herrmann T., Krüger F., Knoth W., Päpke O., Rauhut U., Reincke H., Schwartz R., Steeg E., Uhlig S., (2004). The Elbe flood in August 2002 – occurrence of polychlorinated dibeno-p-dioxins, polychlorinated dibenzofurans (PCDD/F) and dioxin-like PCB in suspended particulate matter (SPM), sediment and fish. *Water, Science and Technology* 50 (5), 309–316.

Tseng CH., Ma K., Wang N., (2004). Internet-enabled near infrared analysis of oil seeds. Book Chapter of "Oil Extraction and Analysis: Critical Issues and Comparative Studies". *AOCS Press*, 166–192.

Vieth B., Herrmann T., Mielke H., Ostermann B., Päpke O., Rüdiger T., (2004). PBDE levels in human milk: The situation in Germany and potential influencing factors – A controlled study. *Organohalogen Compounds* 66, 2643 – 2648.

Behnisch PA., (2005). Dioxins and dioxin-like PCBs – the show goes on in Europe. *The European Food & Drink Review, Analysis and Control* 1, 13–17.

Behnisch PA., (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 HT., 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 HR., Wang SL., Su PH., Yu HY., Yu ST., Päpke 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, 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* 589, 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., Paepke 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., Päpke O., Herrmann T., Felder-Kenkel A., Maisner V., Schick KH., 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 EA., Tarasova EN., Mamontov AA., Kuzmin MI., McLachlan MS., Päpke O., (2005). Levels of organohalogen compounds in human milk from several settlements of the Irkutsk region, Russia. *Organohalogen Compounds* 67, 1651–1654.

Mamontova EA., Tarasova EN., Mamontov AA., Kuzmin MI., McLachlan MS., Päpke 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., Päpke 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., Päpke O., Miguel JP., (2005). Dioxin contamination status in people living near a Portuguese Municipal Solid Waste (MSW) Incinerator. *Organohalogen Compounds* 67, 1552–1555.

Schechter A., Harris R., Tung KC., Päpke 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., Johnson-Welch S., Tung KC., Harris TR., Päpke 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., Päpke O., Ryan J., Tung K., Olson J., Harris TR., (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., Päpke O., Tung KC., Joseph J., Harris TR., 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.

Schechter A., Robert Harris T., Päpke O., Tung KC., 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 Gyseghem E., Bensaid FF., Lees M., Smeyers-Verbeke J., Massart DL., Vander Heyden Y., (2005). Chemometrical exploration of an isotopic ratio data set of acetylsalicylic acid. *Analytical Chimica Acta* 552, 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 SL., Su PH., Jong SB., Guo YL., Chou WL., Päpke 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., Päpke 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 GD., Hescott TL., Mendyk KK., Fishman VN., Luksemburg WJ., 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., Päpke O., Tickner J., Hale R., Harvey E., Laguardia 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.

Grant S., Hermanusse S., Päpke 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.

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 GH., (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., Päpke O., (2006). Actual Levels of Polybrominated Diphenylethers (PBDEs) in Fish and Fish Related Matrices and Temporal Trends. *Organohalogen Compounds* 68, 1796–1799.

Monsallier-Bitea C., Jamin E., Lees M., Zhang BL., Martin GJ., (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.

Paepe 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., Liek 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.

Schechter A., Päpke O., Robert Harris T., Tung KC., (2006). Partitioning of polybrominated diphenyl ether (PBDE) congeners in human blood and milk. *Toxicological & Environmental Chemistry* 88 (2), 319–324.

Schechter A., Päpke O., Tung KC., Brown T., Musumba A., (2006). Changes in Polybrominated ether (PBDE) levels in cooked food. *Toxicological & Environmental Chemistry* 88 (2), 207–211.

Schechter A., Quynh HT., Päpke O., Harris TR., Musumba A., Constable JD., (2006). Levels of 2, 3, 7, 8-TCDD in blood from agent orange sprayed locations in Vietnam. *Brominated compounds - Human exposure* 68, 2173–2176.

Schechter A., Quynh HT., Päpke O., Tung KC., Constable JD., (2006). Agent orange, dioxins and other chemicals of concern in Vietnam: Update 2005. *Journal of Occupational & Environmental Medicine* 48 (4), 408–413.

Schechter A., Quynh HT., Päpke O., Tung KC., Constable JD., (2006). Agent orange, dioxins and other chemicals of concern in Vietnam: Update 2005. *Journal of Occupational & Environmental Medicine* 48 (4), 408–413.

Sjödin A., Päpke O., Focant JF., Jones RS., Pless-Mulloli T., Toms LM., Hermann T., Mueller J., Needham LL., Patterson DG., (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.

Stachel B., Christoph EH., Götz R., Herrmann T., Krüger F., Kühn T., Lay J., Löffler J., Päpke O., Reincke H., Schröter HC., Schwartz R., Steeg E., Stehr D., Uhlig S., Umlauf G., (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.

Weber R., Behnisch PA., Brouwer A., van Bavel B., Lindstroem G., Zennegg M., Schilling B., Päpke O., (2006). Contemporary relevance of dioxin and dioxin-like compound contaminations in residues from recycling of HCH waste. *Organohalogen Compounds* 68, 905–910.

Chao HR., Wang SL., Lee WJ., Wang YF., Päpke 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 IJ., Lees M., Rutledge DN., (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., Schechter A., Harpreet T., Olaf P., (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.

Götz R., Bauer OH., Friesel P., Herrmann T., Jantzen E., Kutzke M., Lauer R., Päpke 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.

Ingelido AM., Ballard T., Dellatte E., di Domenico A., Ferri F., Fulgenzi AR., Herrmann T., Iacovella N., Miniero R., Päpke O., Porpora MG., (2007). 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* 67 (9), 301–306.

Lohmann N., Stehr C., Päpke 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 MF., Sampaio C., Aguiar P., Melim JM., Miguel JP., Päpke O., (2007). Biomonitoring of PCDD/Fs in populations living near Portuguese solid waste incinerators: Levels in human milk. *Chemosphere* 67 (9), 231–237.

Schechter A., (2007). Vietnam and agent orange / Dioxin research: Vietnamese and US collaborations, 1968–2007. *Organohalogen Compounds* 69, 888–891.

Schechter AJ., Päpke 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 JM., Rhodes C., Gonthier LA., 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: d13C measurements of selected compounds for the development of an isotopic Grob-test. *Mass Spectrom* 42 (3), 361–369.

Streater S., Schechter A., Harris R., Päpke O., Shah N., (2007). Environmental Health Education: A Fort Worth, Texas, Case Study. *Organohalogen Compounds* 69, 2599–2602.

Strid A., Jörundsdóttir H., Päpke 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 CH., 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 DN., (2008). Fruit juice authentication by 1H NMR spectroscopy in combination with different chemometrics tools. *D. N. Analytical and Bioanalytical Chemistry* 390 (1), 419–423.

Deconinck E., Van Nederkassel AM., Stanimirova I., Daszykowski M., Bensaid F., Lees M., Martin GJ., Desmurs JR., 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., Päpke O., Limpus CJ., Gaus C., (2008). Flame retardants (PBDEs) in marine turtles, dugongs and seafood from Queensland, Australia. *Marine Pollution Bulletin* 57 (6–12), 409–418.

Marcus B., (2008). Coming in from the cold. *Far Eastern Economic Review* 14–16.



Matthews V., Päpke 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 AJ., Shah NC., Brummitt S., Harris TR., Päpke 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 SD., Berger ML., Brenner D., Kannan K., Lohmann N., Päpke O., (2008). Bioaccumulation of PBDEs and HBCD in the Northwest Atlantic Marine Food Web. *Organohalogen Compounds* 70, 841–845.

Sjödin A., Päpke O., McGahee E., Focant JF., Jones RS., Pless-Mulloli T., Toms LM., Herrmann T., Müller J., Needham LL., Patterson DG., (2008). Concentration of polybrominated diphenyl ethers (PBDEs) in household dust from various countries. *Chemosphere* 73 (1), 131–136.

Thomas F., Jamin E., Wietzerbin K., Guérin R., Lees M., Morvan E., Billault I., Derrien S., Moreno Rojas JM., 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. *Agricultural and Food Chemistry* 56 (3), 989–997.

Toms LM., Harden F., Päpke O., Hobson P., Jake Ryan J., Mueller JF., (2008). Higher Accumulation of Polybrominated Diphenyl Ethers in Infants Than in Adults. *Environmental Science & Technology* 42 (19), 7510–7515.

Toms LM., Sjodin A., Päpke O., Harden F., Hobson P., Hearn L., Jones R., Edenfield E., Mueller JF., (2008). Polybrominated diphenyl ether (PBDE) concentrations decrease with age: Analysis of pooled human blood serum in the Australian population. *Organohalogen Compounds* 70, 446–450.

Lin DY., Chao HR., Wang SL., Päpke 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., Päpke 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., Päpke 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., Päpke 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.

Päpke 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., Päpke O., (2009). Analysis of TBBP A (Tetrabromobisphenol A) in Fish, Mussle and Cows Milk Samples. *Organohalogen Compounds* 71, 2118–2119.

Schechter A., Birbaum LS., (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 JA., Shah N., Harris TR., Päpke 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., Päpke 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., 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.

Schechter A., Shah N., Colacino JA., Brummitt SI., Ramakrishnan V., Harris TR., 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.

Schechter A., Shah N., Colacino JA., Sawant M., Brummitt SI., Harris TR., Lohmann N., Päpke 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 SD., Berger ML., Brenner D., Kannan K., Lohmann N., Päpke 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, ¹⁸⁰-IRMS analysis of water in vinegar: International collaborative study report. *Analytical Chimica Acta* 649 (1), 98–105.

Toms LM., Bartkow ME., Symons R., Päpke O., Mueller JF., (2009). Assessment of polybrominated diphenyl ethers (PBDEs) in indoor environments collected in South East Queensland, Australia. *Chemosphere* 76 (2), 173–178.

Aamodt K., Abel N., Abeysekara U., Quintana AA., Abramyan A., Adamová D., Aggarwal MM., Rinella GA., Agocs AG., Salazar SA., Ahammed Z., (2010). Transverse momentum spectra of charged particles in proton–proton collisions at $s \sqrt{s} = 900$ GeV with ALICE at the LHC. *Physical Review D* 693 (2), 53–68.

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, 570–577.

Gilles M., Zhao J., An M., Agboola S., (2010). Chemical composition and antimicrobial properties of essential oils of three Australian Eucalyptus species. *Food Chemistry* 119 (2), 731–737.

Schechter A., Colacino J., Haffner D., Patel K., Opel M., Päpke 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 TR., Päpke O., Birnbaum L., (2010). Bisphenol A (BPA) in U.S. Food. *Environmental Science & Technology* 44 (24), 9425–9430.

Schellenberg A., Chmielus S., Schlicht C., Camin F., Perini M., Bontempo L., Heinrich K., Kelly SD., 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.

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, 11580–11585.



2011 – 2020

Asfaha DG., Quétel CR., Thomas F., Horacek M., Wimmer B., Heiss G., Dekant C., Deters-Itzelsberger P., Hoelzl S., Rummel S., Brach-Papa C., Eric J., (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 LR., Scaravelli E., Bergman Å., Boobis A., Ceccatelli S., Cravedi JP., Fürst P., Johansson N., Knutsen HK., Machala M., Merletti F., Päpke O., Schrenk D., Van Leeuwen FXR., 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 metatarsaric acid in grape juice. *Fruit Processing* 4, 138–144.

Bussy U., Thibaudeau C., Thomas F., Desmurs JR., Jamin E., Remaud GS., 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.

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.

Neugebauer F., Päpke 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.

Päpke 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 JC., Karsunke XY., 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., Päpke O., (2011). Pcd/F And DI-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.

Freddy Thomas., (2012). Profiling des produits alimentaires par RMN 1H haute résolution: état de l'art et perspectives. *Spectra Analyse* 288, 39–45.

Kamadia WV., Schilling MW., Marshall DL., (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 PL., (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.

Neugebauer F., Dreyer A., von der Trenck KT., (2012). Perfluorinated compounds (PFC) in peregrine falcon eggs from southwestern Germany – levels, patterns and temporal concentration variations. *Organohalogen Compounds* 74, 497–499.

Paepe 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.

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*.

Schechter A., Szabo DT., Miller J., Gent TL., Malik-Bass N., Petersen M., Päpke O., Colacino JA., Hynan LS., Harris TR., Malla S., (2012). Hexabromocyclododecane (HBCD) Stereoisomers in U.S. Food from Dallas, Texas. *Environmental Health Perspectives* 120 (9), 1260–1264.

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., Schwab 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., (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.

Freddy Thomas., (2013). Authentification des produits alimentaires par analyse non ciblée en Résonance Magnétique Nucléaire du Proton à Haute Résolution ($\text{RMN-}^1\text{H}$). *Société des Experts Chimistes de France* 978, 16–24.

Nader W., Brendel TO., Schubbert RA., (2013). DNA-analysis: Enhancing the control of food authenticity through emerging technologies. *Agro Food Industry Hi Tech* 24 (1), 42–46.

Remaud GS., Bussy U., Lees M., Thomas F., Desmurs JR., 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., Jamin E., Hammond D., (2013). 180 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 JW., (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 DL., (2014). Science literacy and mayonnaise. *Food Technology* 68 (5), 156.

Marshall DL., (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.

Murray CJ., Vos T., Lozano R., Naghavi M., Flaxman AD., Michaud C., Ezzati M., Shibuya K., Salomon JA., Abdalla S., Aboyans V., (2014). Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990–2010: A systematic analysis for the Global Burden of Disease Study. *The Lancet* 380 (9859), 2197–2223.

Nader WF., Grote AK., Cuevas Montilla E., (2014). Impacts of food safety and authenticity issues on the rice trade. Rice Processing – The Comprehensive Guide to Global Technology and Innovative Products. *Erling Verlag*.

Paepe 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, 8197–8203.

Forouzanfar MH., Alexander L., Anderson HR., Bachman VF., Biryukov S., Brauer M., Burnett R., Casey D., Coates MM., Cohen A., Delwiche K., (2015). Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990–2013: A systematic analysis for the Global Burden of Disease Study 2013. *The Lancet* 386 (10010), 2287–2323.

Grün CH., Sanders P., van der Burg M., Schuurbiers E., van Adrichem L., van Velzen EJ., de Roo N., Brunt K., Westphal Y., Schols HA., (2015). Strategy to identify and quantify polysaccharide gums in gelled food concentrates. *Food Chemistry* 166 (1), 42–49.

Mastovska K., Sorenson WJ., 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 YB., Ruge W., Kuballa T., Ilse M., Winkelmann O., Diehl B., Thomas F., Lachenmeier DW., (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 KM., Rutledge DN., (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.

Dubin E., Dumas AS., Rebours A., Jamin E., Ginet J., Lees M., Rutledge DN., (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 AS., Ginet J., Lees M., Rutledge DN., (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., Rüdel 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., Paepke O., (2016). Dioxins and PCBs in Eggs and Egg Products – A Statistical Evaluation of Data 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., Jobs 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 VII* 9725.

Siragusa G., Marshall D., (2016). Food genomics. *Food Safety Tech.*

Spiteri M., Dublin E., Cotton J., Poirel M., Corman B., Jamin E., Lees M., Rutledge DN., (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 JF., 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.



Benkowski AA, Schoeni JL, (2017). Evaluation of an acoustic focusing flow cytometer for enumeration of probiotic organisms. *COVANCE*.

Benkowski AA, Schoeni JL, Solutions CF, (2017). Probiotic enumeration by flow cytometry: method scope extension of ISO 19344. *COVANCE*.

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 PKT., 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.

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.

Cockcroft C., (2017). Testing for emerging organisms of concern. *Journal of the IFST* 31(1).

Cockcroft C., (2017). To Test or Not to Test. *The Analytical Scientist*.

Douglas M., Gregory S., (2017). Part II: Logistics of GenomeTrakr. *Food Safety Tech.*

Douglas M., Gregory S., (2017). To be or not to be: Choosing the best indicator using microbiomes. *Food Safety Tech.*

Douglas M., Gregory S., (2017). What Do You Know and What Should You Know?. *Food Safety Tech.*

Douglas M., Gregory S., (2017). What's in a name? - Probiotic Analysis and Genomics. *Food Safety Tech.*

Greve JD., Shannon BS., Legan D., Solutions CF, (2017). Detection of Listeria in probiotic cultures. *IAFP Annual Meeting*.

Huss AR., Fuller Jr JC., Centrella W., Marshall DL., Deliephan A., Jones CK., (2017). Modulation of extracellular monoamine transmitter concentrations in the hippocampus after weak and strong tetanization of the perforant path in freely moving rats. *Brain Research* 80 (8), 1080–1084.

Huss AR., Fuller Jr JC., Centrella W., Marshall DL., Deliephan A., Jones CK., (2017). Mitigation of Salmonella on pet food kibbles by using liquid and powdered 3-hydroxy-3-methylbutyric acid. *Journal of Food Protection* 80 (7), 1080–1084.

Marshall D., Siragusa G., (2017). Microbiomes a versatile tool for FSMA validation and verification. *Food Safety Tech.*

Marshall D., Siragusa G., (2017). Microbiomes move standard plate count one step forward. *Food Safety Tech.*

Shannon BS., Greve JD., Legan D., Solutions CF, (2017). Detection of Salmonella in Probiotic Cultures. *IFT Annual Meeting*.

Singh SK., Marshall D., Siragusa L., (2017). How is DNA sequenced? *Food Safety Tech.*

Siragusa G., Marshall D., Hasan N., (2017). Metagenomes and their utility. *Food Safety Tech.*

Spiteri M., Rogers KM., Jamin E., Thomas F., Guyader S., Lees M., Rutledge DN., (2017). Combination of ¹H NMR and chemometrics to discriminate Manuka honey from other floral honey types from Oceania. *Food Chemistry* 217, 766–772.

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.

Zhao H., Zulkoski J., Mastovska K., (2017). Development and validation of a multi-class, multi-residue method for veterinary drug analysis in infant formula and related ingredients using UHPLC-MS/MS. *Journal of Agricultural and Food Chemistry* 65 (34), 7268–7287.

Angelopoulou M., Petrou PS., Makarona E., Haasnoot W., Moser I., Jobst G., Goustouridis D., Lees M., Kalatzis K., Raptis I., Misiakos K., (2018). Ultrafast Multiplexed-Allergen Detection through Advanced Fluidic Design and Monolithic Interferometric Silicon Chips. *Analytical Chemistry* 7 (90), 9559–9567.

Benkowski AA., Legan JD., Schoeni JL., (2018). Probiotic enumeration by flow cytometry: a method for the determination of *Bacillus coagulans* spore populations in food and dietary supplements. *COVANCE*.

Brown M., Greve JD., Legan D., Solutions CF., (2018). Pathogen Detection by Loop-Mediated Amplification (LAMP): is Inhibition a Concern? *IAFP Annual Meeting*.

Giese E., Winkelmann O., Rohn S., Fritzsche 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.

Jamin E., Thomas F., (2018). SNIF-NMR Applications in an Economic Context: Fraud Detection in Food Products. *Modern Magnetic Resonance*.

Kerbach S., (2018). Challenges in allergen management. *Cereal Technology*.

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, 5521–5528.

Morin JF., Lees M., (2018). Food Integrity Handbook - a guide to food authenticity issues and analytical solutions. *Food Integrity*, 462.

Morin JF., Michèle Lees., (2018). Additional tools for mitigating the risk of food fraud. *Food Integrity Handbook*, 403–426.

Morin JF., Michèle Lees., (2018). Cereals and cereal-based products. *Food Integrity Handbook*, 101–126.

Morin JF., Michèle Lees., (2018). Coffee. *Food Integrity Handbook*, 295–314.

Morin JF., Michèle Lees., (2018). Food flavourings. *Food Integrity Handbook*, 383–390.

Morin JF., Michèle Lees., (2018). Fruit juices. *Food Integrity Handbook*, 251–272.

Morin JF., Michèle Lees., (2018). Honey. *Food Integrity Handbook*, 43–60.

Morin JF., Michèle Lees., (2018). Plant-derived sugars and sweeteners. *Food Integrity Handbook*, 155–172.

Morin JF., Michèle Lees., (2018). Tea and flavoured tea. *Food Integrity Handbook*, 315–334.

Morin JF., Michèle Lees., (2018). The Food Integrity Knowledge Base. *Food Integrity Handbook*, 427–430.

Morin JF., Michèle Lees., (2018). Vinegar. *Food Integrity Handbook*, 273–294.

Morin JF., Michèle Lees., (2018). Wine and must. *Food Integrity Handbook*, 205–228.

Unger T., (2018). Gesetze und ihr Einfluss auf globale Warenströme. *Cereal Technology*.

Vaclavik L., Shipp 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 AA., Legan JD., Schoeni JL., (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 PM., Brown M., Dell'Aringa JE., Hahn LA., Legan D., Maus RD., Pollard S., Post LS., (2019). Microbiological Detection Methods- Assuring the Right Fit. *Food Protection Trends* 39 (5), 417–419.

Brown M., Benkowski AA., 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, 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 GS., (2019). Combination of ^{13}C and ^{2}H SNIF-NMR isotopic fingerprints of vanillin to control its precursors. *Flavour and Fragrance Journal* 34, 133–144.

Li S., Shipp 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.

Ilikoud N., Rossero A., Chauvet R., Courcoux P., Pilet MF., Charrier T., Jaffrè E., Zagorec M., (2019). Genotypic and phenotypic characterization of the food spoilage bacterium *Brochothrix thermosphacta*. *Food Microbiology* 81, 22–31.

Maria Karczmarczyk., (2019). Meat Speciation. *The Royal Society of Chemist* 169–176.

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.

Nigel Payne., (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.

Sobolev AP., Thomas F., Donarski J., Ingallina C., Circi S., Marincola FC., Capitani D., Mannina L., (2019). Use of NMR applications to tackle future food fraud issues. *Trends in Food Science & Technology* 91, 347–353.

Tokarskyy O., Marshall DL., Dillon J., Andrews LS., (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 MZ., Nenadis N., Mastralexi A., Servili M., Butinar B., Vichi S., Winkelmann O., García-González DL., Toschi TG., (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.

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., (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).

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.

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.

Ann-Kristin R., 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, 4657–4669.

Assaf A., Grangé E., Cordella CBY., Rutledge DN., 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., Bubola KB., Bendini A., Bučar-Miklavčič M., Lacoste F., Tibet U., Winkelmann O., García-González DL., Toschi TG., (2020). Alignment and Proficiency of Virgin Olive Oil Sensory Panels: The OLEUM Approach. *MDPI* 355.

Brown M., (2020). Identification of probiotic organisms by whole genome sequencing. *IFT Annual Meeting*.

Camin 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.

Ivarsen E., Andersen CP., Jensen SM., Pedersen CT., Svaneborg AK., (2020). Quantification of retinyl palmitate, thiamine, niacin, pyridoxine, folic acid, cyanocobalamin, zinc, and iron by chromatographic methods in fortified kernels and fortified rice. *Acta Chromatographica*.

Kumari S., Tokarskyy O., Marshall DL., (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 D., (2020). Hurdle Technology – or is it? Multifactorial food preservation for the 21st century. *Antimicrobials in Foods, 4th Edition*.

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*.



Marshall DL, Bois F, Jensen SK, Linde SA, Higby R, Rémy-McCort Y, Murray S, Dieckelman B, Sudradjat F, Martin GG, (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*.

Musio B, Ragone R, Todisco S, Rizzuti A, Latronico M, Mastorilli 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.

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 MB, Pedersen L, Pedersen LM, Nielsen LR, (2020). Field Experience of Antibody Testing Against Mycoplasma bovis in Adult Cows in Commercial Danish Dairy Cattle Herds. *Pathogens*.

Portaluri V, Thomas F, Guyader S, Jamin E, Bertrand B, Remaud GS, Schievano E, Mammi S, Guercia E, Navarin L, (2020). Limited genotypic and geographic variability of 16-O-methylated diterpene content in Coffea arabica green beans. *Food Chemistry* 329.

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*.

Werner N, Michelle M, Marco M, Gabriel Linder, (2020). Pesticide residue legislations challenge international trade of food and feed. *Cereal Technology*. 84–99.

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.

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., 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.

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, 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.

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 FX., 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, 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 AL., 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., 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.

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.

Raul JS., 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 Yaron 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., 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., 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., 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 V., Cirimele V., (2005). Evidence of addiction of anesthesiologists as documented by hair analysis. *Forensic Science International* 153 (1), 81–84.

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., 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.

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.

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'indétectable. *Journal de Médecine Légale Droit Médical* 49 (156), 77–83.

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.

Kintz P., Villain M., Bargul Y., Charlot JY., 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., 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., 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.

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 ML., Tritsch PJ., 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 ML., Villain M., Salquère 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., Flesch F., Cirimele V., Kintz P., (2006). Hair to document exposure to glibenclamide. *Journal of Chromatography B* 842 (2), 111–115.

French DJ., Jones D., McDowell DG., Thomson JA., Debenham PG., (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, 90.



Kintz P., Evans J., Villain M., Salquebre 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 ML., 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 ML., Cirimele V., Tritsch PJ., 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.

Salquère 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). Cribage de 4 classes de stupéfiants dans la salive par LC-MS/MS. *Annales de Toxicologie Analytique* 19 (2), 141–150.

Cirimele V., Villain M., Salquère 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 JA., 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'éthylique chronique) et poils. *Annales de Toxicologie Analytique* 20, 55–56.

Kintz P., Villain M., Cirimele V., (2008). External post mortem artefact: A key issue in hair result interpretation. *Annales de Toxicologie Analytique* 20 (3), 121–126.

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.

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 la niaprazine chez des enfants par analyse des cheveux en CL-SM/SM. *Annales de Toxicologie Analytique* 20 (2), 85–87.

Kintz P., Brunet B., Muller JF., 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., Villain M., Mandel A., Cirimele V., (2009). Les marqueurs de l'éthylique chronique. Focus sur les approches immuno-chimiques. *Annales de Toxicologie Analytique* 21 (1), 21–26.

Kintz P., Evans J., Villain M., Cirimele V., (2009). Smoking cessation with varenicline: A suicidal fatality. *Journal of Analytical Toxicology* 33 (2), 118–120.

Cirimele V., Mandel A., Villain M., Kintz P., (2009). Utilisation en routine des tests ELISA One-StepTM (International Diagnostic Systems Corp). *Annales de Toxicologie Analytique* 21 (1), 43078.

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.

2011 – 2020

Cirimele V., Péliquier AL., (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.

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.

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.

Deveaux M., Pépin G., (2012). 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*.

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 JF., 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 ML., 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., Péliissier-Alicot AL., (2012). Amnésie antérograde consécutive à l'absorption de MDMA et d'alcool: À propos d'un cas. *Annales de Toxicologie Analytique*, 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. et al., (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 MA., Piercecchi-Marti MD., Leonetti G., Pelissier-Alicot AL., (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 JM., (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*.

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.

Kintz P., Alvarez JC., Deveaux M., Dumestre V., Gaillard Y., Gaulier JM., (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., Vaysette F., Deveaux M., (2014). Compendium of results from hair tested for anabolics. *Toxicologie Analytique et Clinique* 26 (4), 197–200.

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., (2014). A dropin peak height model. *Forensic Science International: Genetics* 11, 80–84.

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.

Weber-Lehmann J., Schilling E., Grädl G., Richter DC., 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.

Legout C., Villa A., Baud F., Baffert E., Eftekhari P., Langrand J., Robin A., Alvarez JC., Deveaux M., Aegeerter 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 Île-de-France?. *Bulletin de Veille Sanitaire*, 9–33.

Langrand J., Robin A., Deveaux M., Alvarez JC., Castot-Villepelet A., (2015). Décès toxiques en Île-de-France. *Bulletin de Veille Sanitaire*, 24–27.

Maillaud C., Barguil Y., Chèze M., Mikulski M., Le Coq St Gilles H., Lapostolle F., Hnawia E., Levoucier 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.

Evett 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 JC., Blanc I., Deveaux M., Aegeerter P., Galichon B., Castot-Villepelet A., Garnier R., (2016). Observatoire multisources des intoxications aiguës en Ile de France: Une étude exploratoire. *Bulletin Épidémiologique 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 AL., Eysseric H., Deveaux M., Gaulier JM., Alvarez JC., 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 JC., Chèze M., (2017). SFTA guidelines for toxicological analysis in deaths involving NPS in France. *TIAFT Bulletin* 47 (4), 16–8.

Blanckaert P., Coopman V., Van Calenbergh S., Cordonnier J., (2017). Identification and characterization of 4-chloromethamphetamine (4-CMA) in confiscated ecstasy tablet – a risk to public health. *Forensic Science International*.

Hoizey G., Chèze M., Muckensturm A., Eliot E., Borlot AL., Pépin G., Deveaux M., (2017). Ayahuasca et vulnérabilité chimique: À propos d'un cas. *Toxicologie Analytique et Clinique* 29 (2), 241–5.

Risseeuw MD., Blanckaert P., Coopman V., Van Quekelbergh S., Van Calenbergh S., Cordonnier J., (2017). Identification of a new tert-leucinate 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., Pélliéssier-Alicot AL. J., (2018). Repeated attempted homicide by administration of drugs documented by hair analysis. *Journal of Forensic and Legal Medicine* 54, 82–86.

Delteil C., Sastre C., Piercecchi MD., Faget-Agius C., Deveaux M., Kintz P., Devooght MA., Leonetti G., Bartoli C., Pélliéssier-Alicot AL., (2018). Death by self-mutilation after oral cannabis consumption. *Legal Medicine*, 5–9.

Hoizéy 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.

Musgrave N., Thorne O., (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.

Krawczak M., Budowle B., Weber-Lehmann J., Rolf B., (2018). Distinguishing genetically between the germlines of male monozygotic twins. *PLoS genetics* 14 (12).

Allibe N., Billault F., Moreau C., Marchard A., Gaillard Y., Hoizéy G., Eysseric-Guerin H., Milan H., (2019). Ocfentanil 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 FJ., Lamhaut L., Carli P., (2019). Toxicodynamique lors d'une intoxication aigüe 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., Mégarbane 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 JP., Hoizéy 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.

Thomson J., Clayton TJ., Cleary M., Gleeson D., Kennett M., Leonard D., Rutherford., (2020). An empirical investigation into the effectiveness of genetic genealogy to identify individuals in the UK. *Forensic Science International: Genetics* 46.

GENOMICS

1990 – 2000

Doerfler W., Schubbert R., Heller H., Hertz J., Remus R., Schröer J., Kämmer C., Hilger-Eversheim KR., 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 CL., Purkhold U., Fartmann B., Brandt P., Nyakatura GJ., 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., (2008). Overview article on next generation DNA sequencing technologies and their applications. *CHEManager International*, 14–16.

Coste AT, 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 YC., 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, 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).

Haase I., Fischer M., Bacher A., Eisenreich W., Rohdich F., (2009). Cofactor biosynthesis. *Wiley Encyclopedia of Chemical Biology* 1, 393–407.

Torres TT., Metta M., Ottenwälter B., Schlötterer C., (2009). Gene expression profiling by massively parallel sequencing. *Genome Research* 18, 172–177.

Beloqui A., Nechitaylo TY., López-Cortés N., Ghazi A., Guazzaroni ME., Polaina J., Strittmatter AW., Reva O., Waliczek A., Yakimov MM., Golyshina OV., (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 RV., Jost S., Ottenwaelder B., Schloetterer 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 RV., Jost S., Medinger R., Ottenwaelder B., Boenigk J., Schloetterer C., (2010). Contrasting seasonal niche separation between rare and abundant taxa conceals the extent of protist diversity. *Molecular Ecology* 19 (14), 2908–2915.

Schubbert R., Wiegler J., (2010). DNA-Forensik schützt Biotech-Patente (DNA Forensics protects Biotech patents). *Nachrichten aus der Chemie* 58 (10), 1036–1037.

Schubbert R., Wiegler J., (2010). DNA-Forensik. *Nachrichten aus der Chemie* 58 (12), 1036–1037.

2011 – 2020

Frank S., Klockgether J., Hagendorf P., Geffers R., Schöck U., Pohl T., Davenport CF., Tümmler B., (2011). Pseudomonas putida KT2440 genome update by cDNA sequencing and microarray transcriptomics. *Environmental Microbiology* 13 (5), 1309–1326.

Morgenstern D., Rohde BH., King GF., 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.

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.

Bauser C., Kumar Y., (2012). Sequencing and analysis of micro-RNAs. *BIOspektrum* 18 (3), 294–296.

Haase I., Fischer M., Bacher A., Eisenreich W., Rohdich F., (2012). Cofactors. *Products in Chemical Biology*, 239–267.

Hauser H., Richter DC., van Tonder A., Clark L., Preston A., (2012). Comparative genomic analyses of the Taylorellae. *Veterinary Microbiology* 159, 195–203.

O'Connell RJ., Thon MR., Hacquard S., Amyotte SG., Kleemann J., Torres MF., Damm U., Buiate EA., 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.

Paprotka T., Monne Parera D., Kumar Y., Stangier K., (2012). New possibilities for de novo assemblies. *BIOspektrum* 18 (5), 524–526.

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 JA., Gerber AP., Hall J., (2013). Systematic screens of proteins binding to synthetic microRNA precursors. *Nucleic Acids Research* 41 (3), 47.

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., Hünniger T., Fischer M., (2014). DNA-based Authenticity Test of Fine Cocoa from Ecuador. *Lebensmittelrundschau* 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. *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., Sève M., Brouard S., Marsland BJ., 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).

Wittenberger T., Sleigh S., Reisel D., Zikan M., Wahl B., Alunni-Fabroni M., Jones A., Evans I., Koch J., Paprotka T., Lempäinen 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.

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 (18), 4539–4544.

Hünniger T., Fischer C., WesselsH., 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).

Mahé F., Mayor J., Bunge J., Chi J., Siemensesmeyer 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 Eukaryot Microbiology* 62 (3), 338–345.

Sarge S., Haase I., Illarionov B., Laudert D., Hohmann HP., 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 WF., Brendel T., Schubbert R., (2016). 2-Advances in DNA fingerprinting for food authenticity testing. In: Advances in Food Authenticity Testing. Woodhead Publishing, 7–33.

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.

Kappel K., Haase I., Käppel C., Sotelo CG., 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.