Joint FAO/WHO Expert Committee on Food Additives (JECFA)
88th Meeting
Rome, 22 - 31 October 2019

Experts participating in the meeting
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For the list of WHO experts, please follow the link below:
http://www.who.int/foodsafety/areas_work/chemical-risks/jecfa/en/

The following list of experts is proposed for the meeting. Please find below their bio-sketches. If you have any comments, please contact us at JECFA@fao.org no later than 31 August 2019.

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WHO EXPERTS

BOOBIS Alan

Alan Boobis is currently Professor of Toxicology (part-time), Imperial College London. He retired from his substantive position at the College in June 2017, after over 40 years. His research interests include mechanistic toxicology, chemical risk assessment and food safety. He has published over around 250 original research papers (H-factor 80). He is a member of several national and international advisory committees, the UK Committee on Toxicity (chair), the WHO Study Group on Tobacco Product Regulation (TobReg), JECFA (veterinary residues) and JMPR. He has been a member of the UK Advisory Committee on Pesticides, Committee on Carcinogenicity, the EFSA CONTAM Panel and the EFSA PPR Panel. He is a member and a past chairman of the Board of Trustees of ILSI (International Life Sciences Institute) HESI, past vice-president of ILSI Europe and past chair of ILSI. Awards include fellowship of the Society of Biology, the British Toxicology Society (BTS) and the British Pharmacological Society, the BTS John Barnes Prize Lectureship, honorary membership and Merit Award of EUROTOX, the Royal Society of Chemistry Toxicology Award, the US SOT Arnold J Leeman Award and Officer of the British Empire (OBE).

CERNIGLIA Carl

Dr. Carl E. Cerniglia is a Senior Biomedical Research Service (SBRS) Research Microbiologist, Director of the Division of Microbiology at the National Center for Toxicological Research (NCTR), US Food and Drug Administration (FDA) and elected member of the American Academy of Microbiology. He is also an adjunct Professor in the Department of Pharmacology and Toxicology at the University of Arkansas Medical Sciences, Little Rock, AR. Dr. Cerniglia leads a team at the NCTR that has impacted public health in a variety of research areas including food safety, antimicrobial resistance, environmental biotechnology, nanotechnology, women’s health and human intestinal microbiome-host interactions. Dr. Cerniglia’s research has resulted in over 400 scientific publications and numerous book chapters and review articles. His research has been frequently highlighted in the scientific and popular press. Dr. Cerniglia has made more than 400 invited presentations at national and international conferences and meetings and is also an ASM Foundation of Microbiology lecturer. The research achievements of Dr. Cerniglia has been recognized by national and international awards from the Food and Drug Administration, American Pharmaceutical Association, International Society of Toxicity Testing, American Society for Microbiology, and American Academy of Microbiology and U.S. Department of Health and Human Services. Dr. Cerniglia was recently awarded the Silver Medal by the World Health Organization for outstanding scientific contribution to the Joint Expert Committee on Food Additives (JECFA) in advancing science-based risk assessments on evaluating the effects of veterinary drug residues and other food contaminants on the human intestinal microbiome, the FDA Lifetime Achievement Award, the FDA Commissioner’s Award Merit, the DHHS Outstanding Leader Award in providing mentoring, training and career advancement opportunities to employees in a diverse workforce and Distinguished Alumnus Award at North Carolina State University.

GÓRNIAK Silvana

Silvana Górniak is currently Full Professor of Veterinary Pharmacology and Toxicology in the School of Veterinary Medicine at University of São Paulo. Silvana Górniak holds a DVM degree (1983), MSc (1986) and PhD from the University of São Paulo. She is a member of several national advisory committees
and is Scientific Advisor of the Federal Council of Veterinary Medicine for matters relating to Veterinary Pharmacology and Toxicology. She is the head of the research group in Applied Veterinary Pharmacology and Toxicology of the Brazilian Research Council and the coordinator of the Research Center of Veterinary Toxicology, University of São Paulo. Her research interest includes toxicological testing in vivo: development of animal models and clinical evaluation of safety and efficacy of veterinary drugs, which resulted in over 110 original scientific publications. Dr. Górniak is editor of the following books: Pharmacology Applied to Veterinary Medicine; Pharmacology Applied to Aviculture; Drugs in Food Animals; Toxicology Applied to Veterinary Medicine. She has also published more than 50 chapters in books related to these areas.

**Dr. Mayumi ISHIZUKA**

Dr. Ishizuka received Ph.D. of veterinary medicine in 1998 at Hokkaido University, Japan. Her research area is toxicology, and she has an interest in the xenobiotic metabolisms including species differences in phase I and II enzymes, e.g., cytochrome P450 and glucuronosyl transferase. Her research interest is not limited to human and laboratory animals, but also she expands her expertise in companion animals, food producing animals and wildlife. In addition, she challenges to clarify the toxicological effects of xenobiotics such as drugs, veterinary drugs, heavy metals, POPs, pesticides, on human and animals. She published the results of these researches in more than 190 scientific articles. She is a specialist for ADME and general toxicity. She is expert members of risk assessment committees of Ministry of Environment (evaluation of general chemical substances and pesticides), Ministry of Agriculture, Forestry and Fisheries (risk assessment for veterinary drugs), and Ministry of Health, Labor and Welfare (evaluation of poisonous and deleterious substances) in Japan. In addition, since 2007, she has continuously contributed to Food Safety Commission of Japan as an expert for the risk assessment for food additives and veterinary drugs.

**SCHEFERLIE Johan**

The agency of the Dutch Medicines Evaluation Board

Johan Schefferlie has worked as a toxicological risk assessor since 1993. He started at the Dutch National Institute for Public Health and the Environment (RIVM) and is currently employed at the agency of the Dutch Medicines Evaluation Board. He was a member of the Safety of Residues Working Party of the Committee for Medicinal products for Veterinary Use (CVMP) at the European Medicines Agency (EMA), and responsible for the toxicological evaluation of pharmacologically active substances in the context of the establishment of Maximum Residue Limits (MRLs) in food of animal origin. He became the Dutch member of the CVMP in 2007 and served terms as vice-chair of the CVMP and chair of the Safety Working Party of the CVMP. Since 2016, he is a co-opted member of the CVMP in the area of Residue metabolism and pharmacokinetics.
CHICOINE Alan

Dr. Chicoine graduated from the Western College of Veterinary Medicine (WCVM) in 2003. He worked in a mixed animal practice for 2 years before starting a graduate program and clinical pharmacology residency at the WCVM in 2005. In 2007 he completed his MSc and passed his American College of Veterinary Clinical Pharmacology board exams. Dr. Chicoine has been with the Department of Veterinary Biomedical Sciences at the WCVM since 2007 in the role of Assistant Professor. His primary teaching duties include pharmacology and physiology courses for undergraduate veterinary students. His research interests include veterinary drug residue assessment, antimicrobial use & resistance, clinical pharmacokinetics, and veterinary analgesics. From 2008 - 2018 he worked as a drug evaluator for the Clinical Evaluation and Human Safety Divisions of Health Canada’s Veterinary Drugs Directorate. He was an invited expert at meetings of the WHO/FAO Joint Expert Committee on Food Additives (JECFA) in 2013, 2015, 2016, 2017, and 2018.

CRESSEY Peter

Peter Cressey is a Senior Scientist in the Risk Assessment and Social Systems Group of the Institute of Environmental Science and Research in Christchurch, New Zealand. He has over 25 years experience in food safety and quality research in cereals, meat and the diet. His major expertise is in food chemical exposure and risk assessment, particularly in relation to mycotoxins, natural toxins, veterinary drugs and food additives. He has also been involved in studies to assess the burden and cost of foodborne diseases in New Zealand. This work has mainly been carried out under contract to the Ministry for Primary Industries and its predecessor organisations. Peter is currently included on the FAO/WHO roster of JECFA experts for exposure assessment of chemicals in food and is a Fellow of the New Zealand Institute of Food Science and technology. Peter has published over 30 papers in peer reviewed publications and has been lead author on more than 100 client reports.

EBESHI Benjamin

Dr Benjamin U. Ebeshi is an Associate Professor of Pharmaceutical and Medicinal Chemistry of the Niger Delta University, Wilberforce Island, Nigeria. Before he joined the services of the University as Lecturer 1 in 2008, he was a Research Fellow with the National Institute for Pharmaceutical Research and Development, Abuja. Dr Ebeshi holds a PhD in Pharmaceutical Chemistry of the Obafemi Awolowo University, Ile-Ife, Nigeria with research interest in Drug Metabolism and Pharmacokinetics, Pharmaceutical Analysis and Medicinal Chemistry. His operational research efforts have been geared towards the use of some Analytical techniques such as HPLC/MS, GC/MS and chemical assays for chemical characterization of drug products, foods and environmental toxicokinetics. Dr Ebeshi is a seasoned participant and resource person at both local and international workshops. He is an active member of the International Society for the study of Xenobiotics. Dr Ebeshi serves in the Review boards of many Journals in Africa. An Author of over 50 publications with good citation from several research works. Dr Ebeshi was a scientific expert of the Joint FAO/WHO Committee on Food Additives that reviewed and finalized four FAO/WHO documents on the application of HACCP on food safety in Africa held at Entebbe, Uganda, October 27-31, 2015.
ERDELY Holly

Holly Erdely received her Ph.D. from the department of Pharmacology and Experimental Therapeutics at the University of Maryland School of Medicine in Baltimore (Maryland, USA) in 2006. She also has a M.S. degree in pharmacology from the same department and a B.S. in chemistry from the University of Maryland, College Park (College Park, Maryland, USA). Since 2006, Dr. Erdely has served as a Pharmacologist in the Division of Human Food Safety at the U.S. Food and Drug Administration’s Center for Veterinary Medicine, evaluating residue chemistry studies and information in support of the human food safety evaluation of compounds for use in food producing animals. She has served as a technical expert for the Joint WHO/FAO Expert Committee on Food Additives (JECFA) on Veterinary Drugs in Food since 2013.

FINNAH Anke

Position: Scientific officer, German Federal Office of Consumer Protection and Food Safety, Berlin
Expertise: Residues of veterinary drugs, Withdrawal periods, MRL Procedures, (Veterinary) Epidemiology
Education: Veterinary Medicine, Free University Berlin, Germany (2000); Dr. med. vet., Institute of Veterinary Physiology, Free University Berlin, Germany (2003); M. Sc. Epidemiology, Johannes-Gutenberg University Mainz, Germany (2012)
Experience: Present position since 2010; 2004-2010: Scientific officer, German Federal Office of Consumer Protection and Food Safety, Berlin, Post-marketing / Pharmacovigilance; 2003-2004: Postdoctoral research fellow, Institute of Veterinary Physiology, Free University Berlin, Germany; Since 2010: Member of the German Society of Pharmacology; 2013: Veterinary Specialist for Epidemiology; 2008-2010: Member of the EMA Joint Implementation Group; Since 2013: Co-leadership in a research project in cooperation with Free University Berlin; Member of EU working groups at the EU Medicines Agency (Safety Working Party, Scientific Advice Working Party).

FLETCHER Samuel

Sam Fletcher has been assessing toxicology and residues depletion data for the UK Veterinary Medicines Directorate (VMD) for over 15 years. He is the UK member of the SWP(v) (Safety Working Party (vet)), a scientific subgroup of the European Medicines Agency (EMA), and Head of the Human and Environmental Safety assessment team for Pharmaceuticals at the VMD. He has been the lead assessor on several EU MRLs, and provides input and peer-review for many others. He has a BSc in Chemistry, Drug design and Toxicology, and an MSc in Applied Toxicology.

FRIEDLANDER Lynn

Dr. Lynn G. Friedlander received her BS in Biology from the George Mason University in Fairfax, Virginia. She received her Ph.D. degree in Veterinary Physiology and Pharmacology from Texas A&M University, College Station, Texas. Following a brief postdoctoral appointment at the Louisiana State University College of Veterinary Medicine, in Equine Physiology, she joined the USFDA Center for Veterinary Medicine, Office of New Animal Drug Evaluation (ONADE), Division of Human Food Safety (DHFS) as a residue chemistry reviewer. Since 2000, she has been the leader for the Residue Chemistry Team in ONADE/DHFS. The Residue Chemistry Team is responsible for reviewing the residue chemistry dossiers for drugs for use in food-producing animals seeking approval in the USA or for drugs seeking import tolerance assignments. In that regard, the team is responsible for identifying the marker
residue, the target tissue, and the target tissue tolerance (similar to an MRL), establishing the withdrawal period (and, where appropriate, the milk discard time), and for identifying an appropriate analytical method for monitoring for drug residues in tissues, eggs, milk and honey. Dr. Friedlander currently supervises a staff of 11 review scientists.

**RATH Susanne**

Dr. Rath is Professor in Analytical Chemistry at the Chemistry Institute of the University of Campinas, Brazil. She works for more than 20 years in the areas of pharmacy, chemistry and food safety. Her main research has focused on: toxic compounds in food, residue depletion studies of veterinary drugs, development and validation of analytical methods, application of mass spectrometry, toxic compounds in cosmetics, quality control of pharmaceuticals and environmental impact assessment of antimicrobials and antiparasitic drugs. Dr. Rath graduated from the University of Brasilia, Brazil with a Bachelor degree in Chemistry and a Master degree in Analytical Chemistry. She obtained her Ph.D. in Pharmacy (1990) at the Johann Wolfgang Universität, Frankfurt, Germany. Susanne has served on working groups for the FAO/WHO Joint Expert Committee on Food Additives (since 2009), the Brazilian National Health Surveillance Agency (since 2011) and also collaborated with the Laboratory Involvement in Plant and Animal Health of the Brazilian Ministry of Agriculture, Livestock and Food Supply.

**REUSS Rainer**

Dr Reuss holds an honours degree in nutritional science and have completed a PhD in the field of food science and analytical chemistry. He has worked in the field of food science and risk analysis for 18 years specialising in dietary exposure assessment and data science. Working for Food Standards Australia New Zealand as a Senior Scientist on food safety risk assessments for more than 10 years, Dr Reuss has a good knowledge of data and methodologies used for dietary exposure assessment. His experience includes estimating dietary exposure to food additives, veterinary drugs, pesticide residues, contaminants, naturally occurring toxins and the intake of nutrients. He participated in several FAO/WHO expert meetings as a dietary exposure expert on veterinary drug residues and other compounds, where he has been involved in piloting and implementing new approaches to estimate dietary exposure. More recently, he chaired a working group on exposure estimates in compounds that are used as pesticides as well as veterinary drugs, and has joined a working group on toxicological profiling of compounds and less-than-lifetime dietary exposure assessment.

**SANDERS Pascal**

Pascal Sanders was born on August 16, 1961 in Maubeuge, France. He graduated from Toulouse as a doctor in veterinary medicine (1985) and Doctor in pharmacology (PhD 1992). He started his career in 1985 at the laboratory of research for veterinary drugs of Fougères as Research scientist. He was appointed as head of unit of pharmacokinetics of veterinary drugs and head of department of veterinary drugs. He is currently the Head and research director of the laboratory of Fougères and the scientific director “Exposition and Toxicology” of the French Agency for food, environmental and occupational safety. The laboratory of Fougères is the European Union Reference laboratory for residue of antimicrobials and dyes, the national reference laboratory for residue of veterinary drugs and for antimicrobial resistance. His main research area concerns the pharmacology of antimicrobials used as veterinary drugs and the risk assessment for human health. He is expert for the European
Medicines Agency, the European Food Safety authority and the Joint Expert committee of Food Additives. He published more than 100 scientific papers on his main topics of research.

SCHEID Stefan

Stefan Scheid, PhD (Dr. rer. nat), German citizen, Study of chemistry and food chemistry in Berlin, Working since 1989 in public service in the area of consumer protection and food safety, previous employments incl. research in nutritional science/(bio)analytical chemistry. Currently employed at German “Federal Office of Consumer Protection and Food Safety”, tasks include risk assessment / management of veterinary medicinal and biocidal products, mainly issues related to food safety of residues, maximum residue limits, user safety, marketing authorizations, assessment of analytical methods. Topic leader and coordinator of international guidance documents in the area of safety assessment of residues. Member and/or chairman of EU and international working groups/committees at the EU Medicines Agency, VICH in the above area.