



**JOINT FAO/WHO MEETING ON PESTICIDES RESIDUES (JMPR)
6-17 SEPTEMBER 2021
Virtual meeting**

List of experts

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WHO PANEL EXPERTS

- **ARCELLA Davide**

Officer in the Risk Assessment and Scientific Assistance Directorate, Evidence Management Unit at the European Food Safety Authority (EFSA). He is leading the Exposure Tam which is responsible for the collection and analysis of food consumption data and for the development and application of new methodologies for dietary exposure assessment. In this context, he carries out or supervises the assessment of exposure to different type of chemicals in food and animal feed (e.g., contaminants, flavourings, food additives, packaging residues, nutrients, and pesticides) for stand-alone reports or in support of EFSA panels or units. Mr. Arcella holds a master's degree in statistical and demographic sciences from "La Sapienza" University (Rome, Italy); he has worked in the area of food safety since 1998. In particular, he is an expert in food consumption data and dietary exposure assessment. He started his career at the Italian National Research Institute for Food and Nutrition (INRAN), where he worked as a scientist for almost 10 years. In 2007 he joined EFSA and became a member of the FAO/WHO roster of JECFA experts for exposure assessment of chemicals in food.

- **BAINES Janis**

Janis Baines worked for over 20 years at Food Standards Australia New Zealand (FSANZ), as the manager of the dietary exposure assessment team, contributing to risk assessments for food chemicals, including food additives, contaminants, nutrients, novel foods, pesticide and veterinary drug residues, which were used in developing food standards and for other purposes. She retired in June 2017 and now works as a consultant part-time. From 1997 to present Janis has attended various FAO/WHO expert meetings and consultations on risk assessment of food chemicals, working as the rapporteur or chair for the dietary exposure group on several occasions.

From 2009-2011 Janis was seconded from FSANZ to the Commonwealth Health Department of Australia to manage the development of the Australian Health Survey, which included national dietary survey and biomedical survey modules. The Australian Health Survey was implemented in 2011-13, results were published by the Australian Bureau of Statistics from 2013 onwards. The new Australian food consumption data were incorporated into the Australian risk assessment process by FSANZ in 2016-17. Prior to working at FSANZ, Janis lectured in Human Nutrition at the University of New England and the University of Canberra in Australia and worked as a regional nutritionist in Papua New Guinea.

- **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).

- **BROEDERS Jessica**

Jessica Broeders studied Biomedical Sciences with a master degree in Toxicology at the Radboud University in Nijmegen, the Netherlands. After that she obtained her PhD in toxicology at the Institute for Risk Assessment Sciences at Utrecht University, The Netherlands. During that time, she also followed the postgraduate education in toxicology program to become a European registered toxicologist. Since 2013 she works as a scientific risk assessor human toxicology at the Dutch Board for the Authorisation of Plant protection product and Biocides. She conducts toxicological evaluations of active substance dossiers and performs product evaluations.

- **BUSSCHERS Marloes**

Marloes Busschers studied Biology at Wageningen University where she graduated in 1994. For 3 years she worked as a Study Director acute and short/term toxicity studies at Notox in 's Hertogenbosch (now Charles River Laboratories). Thereafter she worked for 6 years at TNO in Zeist, as a toxicologist and risk assessor human toxicology. In 2005 she joined Ctgb, the Dutch Board for the Authorization of Plant Protection Products and Biocides, as a toxicologist Human Risk Assessment, where she was responsible for human toxicology and risk assessments for operators, workers, bystanders and residents, and was participating as an expert in the EFSA expert meetings. She transferred to Charles River Laboratories in August 2017, where she started working as a Senior Regulatory Toxicologist. She was advisory member of the Dutch Health Councils temporary committee Residents and Plant Protection Products. She is a registered toxicologist at the Dutch Society for toxicology and EUROTOX. She has been a JMPR expert since 2012.

- **COJA Tamara**

Tamara Coja is biologist and toxicologist by education and training. She works as Senior Expert in Toxicology at Austrian Agency for Health and Food Safety (AGES). Since 2018 Tamara is member of the EFSA Panel on Plant Protection Products and their Residues (PPR Panel) and member of several PPR and EFSA Working Groups (Working group on OPEX Guidance Revision, Working group on Read-across, Working group on cumulative risk assessment). Since 2007 she has been monographer for dozens of Draft Assessment Reports for pesticides in the European peer review. Tamara's special interest is on metabolites/degradation products and any other data-poor molecules in context of read-across and new approach methodologies.

- **COPE Rhian**

Dr Cope is a veterinary graduate of the University of Queensland. She completed a PhD in radiation toxicology in 1996 and subsequently held academic positions at the Colleges of Veterinary Medicine at the University of Illinois and Oregon State University. Subsequently Dr Cope worked as a senior toxicologist in drug development programs, the high volume petrochemical industry and veterinary clinical toxicology. She held a senior government regulatory toxicologist position at the Australian Therapeutic Goods Administration before accepting her current role as the Principal Toxicologist of the Australian Pesticides and Veterinary Medicines Authority. Dr Cope is a Diplomate of the American Board of Toxicology, a Diplomate of the American Board of Veterinary Toxicology, a Fellow of the Australasian College of Toxicology and Risk Assessment and a registered specialist in veterinary clinical toxicology.

- **CREPET Amelie**

Amélie Crépet has a PhD in applied mathematics obtained in 2007 on risk assessment with a Master of Biostatistics. Since 2007, she has been working in the Risk Assessment Department of the French Agency for Food, Environmental and Occupational Health Safety (ANSES). She is in charge of developing advanced methods and tools to improve risk assessment. In particular, she is working on exposure to chemical mixtures, on probabilistic exposure from several sources and routes, and on exposure during lifetime using kinetic models and biomonitoring data. She coordinated several national research projects on chemical exposure and food allergy. She is involved in European projects as work package and task leader on mixture risk assessment, biomonitoring data, exposome and food allergy. She is a member of several national and international expert working groups (RIVM, EFSA, WHO, etc.) and she has more than 40 publications in the fields of probabilistic risk assessment to chemicals, and food allergens. At ANSES, she is also in charge of expert groups on chemical mixture and exposome.

- **DEWHURST Ian**

Ian Dewhurst trained as a biochemist and researched into the enzymology and neurochemistry of the inherited disease, homocystinuria. He started work as a regulatory toxicologist with the UK Department of Health in 1983, covering many types of chemicals including food additives, food contact materials, environmental contaminants, novel foods, cosmetics, consumer products and pesticides. He transferred to the UK Pesticides Safety Directorate in 1994 and until September 2017 was the Principal Mammalian Toxicologist with the Chemicals Regulation Division of the UK Health and Safety Executive performing human health risk assessments on pesticides, biocides and industrial chemicals. He has participated in working groups organized by international organizations such as WHO/IPCS, EFSA and OECD and has been a JMPR expert since 1997. He has a particular interest in minimizing animal usage in regulatory toxicology without compromising the overall risk assessment.

- **HALLDORSSON Thorhallur**

Thorhallur I. Halldorsson is a professor at the Faculty of Food Science and Nutrition at the University of Iceland where he teaches courses in biostatistics and nutritional epidemiology. He also holds an external position as senior scientist at the Department of Epidemiology Research, Statens Serum Institut, Copenhagen. His main research activities have been within nutritional and environmental epidemiology covering both observational studies and human interventions. Within this area of research he has, since 2007, published over 120 peer-reviewed publications in International Journals. Thorhallur is a member of the committee revising the 2022 Nordic Nutrition recommendations and the Nordic Council of ministers. Since 2015 he has been a member of the European Food Safety Authority Scientific Committee and he has been a member of several EFSA working groups on chemical risk assessment as well as working groups focusing on methodological development in risk assessment. He is also since 2021 a member of the Committee on Toxicity of Chemicals (COT) under the Food Standards Agency.

- **KANUNGO Debabrata**

Dr. Debabrata Kanungo has been the Chairman of Scientific Panel on Residues of Pesticides, and Antibiotics under Food Safety and Standards Authority of India (FSSAI), Ministry of Health and Family Welfare, Govt. of India since 2009. He was an expert in Toxicology and Risk Assessment with National Pesticide Registration Authority (CIB & RC) Govt. of India. Member of Scientific Committee, FSSAI and also member of Scientific Panel on Food Additive, FSSAI. He has 34 36 years of working experience as a regulatory toxicologist and risk assessment expert in evaluation of safety/toxicity of pesticides both in laboratory and national pesticide registration system. He was a member of toxicology in Indian National Committee responsible for registration of pesticides. He is a Medical Doctor with postgraduate degree of Doctor of Medicine (MD) in Pharmacology and Toxicology. He was trained in Advance Toxicology and Risk Assessment from RIVM, the Netherlands. He

is the main architect of “Guidance document on Toxicology for registration of Pesticides in India” (Kanungo Committee Report) harmonised with OECD. He has been associated with WHO Core Assessment Group as an expert for more than two decades in preparation of EHC and CICARD on pesticides and chemicals. He has participated in working groups organised by international organisations such as WHO/IPCS, EFSA. For more than one decade, he has been an expert of WHO/FAO JMPR. He is also on the expert roster for the Joint FAO/WHO Expert Committees on Food Additives (JECFA). He has led the Indian Government Delegation for a number of CCPR Meetings. He has been an invited speaker to several meetings/conferences related to toxicology and chemical risk assessment. He has also been the member or chairman of a number of committees of national importance related to safety of drugs, pesticides and chemicals. He was the former Additional Director General of Health Services, Ministry of Health and Family Welfare, Government of India.

- **LOGAN Sheila**

Dr Logan Sheila has worked in chemical regulation for more than 20 years. During this time, she worked as a risk manager in both pesticides and veterinary medicines in Australia, prior to moving to toxicology assessment. Initially working in the chemical review of pesticides, she later moved to assessment of new chemicals and industrial chemicals, prior to taking a technical position with the United Nations Environment Programme. In UNEP, she worked on health assessments as part of the Rotterdam Convention, and work on mercury, as well as cooperative work on endocrine disruptors in cooperation with WHO and OECD. In 2018, she rejoined the Australian Pesticides and Veterinary Medicines Authority as the Director of Health Assessment Team. In this role, she had overall responsibility for the finalisation of assessments of the toxicology and exposure assessments, in cooperation with the Principal Toxicologist of the APVMA, who maintains responsibility for the establishment of ADI and ARfD. During 2021, she has been acting as the Executive Director of Risk Assessment Capability, with overall responsibility for the technical assessments of pesticide assessment, including chemistry, efficacy and safety, environment, health, and residues and trade.

- **LOW Kimberly**

Kimberly Low is a senior evaluation officer at the Pest Management Regulatory Agency (PMRA), Health Canada. She is a biologist by training and holds a BSc in zoology. She has been involved in the evaluation of data and information on the human health hazards of pesticide active ingredients including the derivation of toxicological reference doses since 2006. This work includes assessment of the effects on human health of herbicides, fungicides and plant growth regulators in the context of national and international joint authorisation and preparation of dossiers for classification and labelling of these substances under the federal Pest Control Products Act. This is her sixth year participating in the Joint Meeting on Pesticide Residues as a technical expert for the World Health Organization.

- **MENDEZ Elizabeth**

Dr. Elizabeth Méndez is the Senior Scientist in the US EPA’s Office of Pesticide Programs Health Effects Division (OPP/HED). She has 20 years of experience in regulatory toxicology overseeing a number of projects intended to advance the state of the science and risk assessments produced by the OPP. She works closely with staff scientists providing guidance on bridging, mode of action data analysis, hazard characterization, endpoint selection, identifying data gaps, and protocol reviews. She co-chaired the Organization for Economic Cooperation and Development (OECD) Expert Group on Developmental and Reproductive Toxicology that developed the Extended One Generation Reproductive Toxicity Study (EOGRTS) Test Guideline. She has also served in several OECD Review Panels on several proposed Adverse Outcome Pathways and co-chairs the Interagency Coordinating Committee on the Validation of Alternative Methods (ICCVAM) Developmental and Reproductive Toxicology Workgroup.

- **MORETTO Angelo**

Angelo Moretto was medical and research scientist from 1997 to 2006 in the Department of Environmental Medicine & Public Health at the University of Padua in Italy. From 2002 to 2006, he was Head of the Laboratory of Industrial Toxicology in the Department of Environmental Medicine & Public Health at the University of Padua in Italy. From 2006 to 2018, he was Associate Professor and from 2018 full Professor of Occupational Medicine in the Department of Biomedical and Clinical Sciences at the University of Milan in Italy. Since 2006 he is also Director of the International Centre for Pesticides and Health Risks Prevention at “Luigi Sacco” Hospital of the ASST Fatebenefratelli Sacco, in Milan, Italy. His main interests are in the pathogenesis and mechanisms of organophosphate induced-delayed polyneuropathy, in the cholinergic toxicity and the metabolism of organophosphates, in other toxic neuropathies, in the neurotoxic profile of some pesticides, in developmental toxicity, and in combined exposures. He also studies occupational, accidental and non-occupational exposure to pesticides and other chemicals. He is or was a member of many international committees for the risk assessment of exposure to chemicals, in particular pesticides, and for the improvement, harmonization and innovation of risk assessment methods including JMPR, the Italian Advisory Committee on Pesticides, the EU SCOEL, the EFSA PPR Panel. He was a member of the Board of Trustees of HESI and is chair of the SAB of SCAHT. He is Referee of research projects for several governments and institutions. He has been an invited speaker to several meetings related to toxicology and chemical risk assessment. He has received several research grants from National and International public and private bodies, related to toxicology, risk assessment and toxicology training. He published about 100 papers in peer-review journals.

- **MOSESSO Pasquale**

Pasquale Mosesso (PM) is Associate Professor of Genetics, holder of the chairs of Genetics and Environmental Mutagenesis in the Department of Ecological and Biological Sciences, University of Tuscia, Viterbo, Italy. PM is also responsible of a scientific research team involved in the field of genetic toxicology and molecular cytogenetics using mammalian cells coming from “normal” individuals and from individuals with known genetic syndromes which affect the efficiency and reliability of DNA repair systems.

The evaluation of genetic effects of environmental, food-borne chemicals and complex mixtures by biomarkers of exposure and susceptibility in human populations is also accomplished. Special activity is also devoted to development of new methods and strategies for genetic toxicity testing.

In its personal capacity, Pasquale Mosesso has been Member of the scientific panel on Food Additives and Nutrient Sources Added to Food (ANS) of EFSA for two mandates (2011-2014, 2014-2017) and Member of several EFSA Working Groups involved in the assessment genotoxicity studies and interpretation of results in terms of mode of action (MoA) for the different food additives. In this respect, PM has combined his extensive experience on both regulatory aspects gained in an international CRO and his involvement as academic scientist in basic research.

- **NIEMANN Lars**

Lars Niemann studied veterinary medicine at the Humboldt-University of Berlin where he received his PhD in 1992, based on research in the field of veterinary virology. In the same year, he started to work for the German health authorities and is currently a scientific employee at the Federal Institute for Risk Assessment (BfR) in Berlin, acting as the deputy unit leader “Toxicology of active substances and their metabolites” since 2000. His main task is the health evaluation of pesticides of both chemical and microbial origin, both for national authorization purposes as well as on EU level. He has been a regular participant of expert meetings of the EU Commission or the EFSA on pesticide active ingredients since 2003 and was a member of the OECD working group for drafting the “Guidance notes on dermal absorption” (2005–2010). Dr. Niemann participated as study veterinarian and principal investigator in reproduction studies in Japanese quail (1999-2003) and, more recently, served as study director in subacute feeding trials on mixture toxicity in rats. Beside his contributions to many EU monographs on pesticides, he published a number of scientific articles and book chapters on various topics such as avian reproductive toxicity, insecticides of natural origin, combination toxicity, dermal absorption, and risk assessment.

- **SHAH Prakashchandra**

Dr P. V. Shah is a branch chief of Chemistry, Inerts and Toxicology Assessment Branch (CITAB) in the Registration Division of Office of Pesticide Programs of US Environmental Protection Agency. He received his MS and Ph.D degree from North Carolina State University, Raleigh, NC. His research focused on dermal absorption and metabolism. He has authored approximately 25 scientific publications in peer reviewed journals, several book chapters and review articles in the area of dermal absorption. He joined OPP in 1997 as a toxicologist in the Health Effects Division. In HED, he served as a toxicologist, acting team leader, branch senior scientist and Acting Branch Chief of the Registration Action Branch. He is serving on various HED peer review committees including Cancer Assessment Review Committee. He has experience in reviewing toxicological submitted in support of registration of pesticide and conducting human health risk assessment. Prior to joining OPP, he worked as a Senior Industrial Toxicologist at Hoffmann-La Roche Inc., Nutley, New Jersey. He has served as advisor to FAO/WHO Joint Meeting on Pesticides Residues (JMPR) for more than ten years

- **TOSTI Luca**

Dr. Luca Tosti following the academic degree in Biological Sciences, he obtained a Ph.D. in Biology and marine ecology with a curriculum in reproductive and developmental biology, and toxicology from the Polytechnic University of Marche. From 2008 to 2011, he covered a scientific project officer position in research and validation of alternative methods to animal testing in the area of sensitization (skin and respiratory; 7th amendment of the Cosmetic Directive 76/768/EEC; Directive 2003/15/EC and REACH), by European Commission – JRC-ECVAM. He was involved in the validation of three in vitro methods aimed at assessing the potential skin sensitizing ability of compounds. Since 2012 to present he is working as toxicologist and operator exposure assessor by the International Centre for Pesticides and Health Risk Prevention (ICPS), where, within the EC registration process, he is performing toxicological evaluations of plant protection products and active ingredients, contributing to Draft Assessment Reports preparation (directive 91/414/EC), and biocides (directive 98/8/EC), both in the perspective of their national and European registration. To this respect he participates as Italian delegate at EFSA Pesticides Peer Review Expert Meetings on Mammalian Toxicology and Biocides Technical Meeting (TM) at JRC-IHCP.

- **WOLTERINK Gerrit**

Gerrit Wolterink (1959) has a MSc in Biology and a PhD in neuropharmacology from Utrecht University, the Netherlands. He worked 12 years as a neuropharmacologist at Cambridge University and Utrecht University. Since 2000, he works as a toxicologist at the Dutch National Institute for Public Health and the Environment (RIVM) on the toxicological evaluation and human health risk assessment of pesticides, biocides, contaminants, veterinary drugs and food additives in food and non-food products. He has been a member of the WHO Panel of the Joint FAO/WHO Meeting on Pesticide Residues (JMPR, since 2002), the Joint FAO/WHO Expert Committee on Food Additives (JECFA, 2010-2013) and the Panel on Plant Protection Products and their Residues (PPR) of EFSA (since 2015). He has published over 50 scientific papers.

- **YOSHIDA Midori**

Midori Yoshida DVM PhD arrived at a commissioner of Food Safety Commission of Japan (FSCJ) Cabinet Office in 2015. FSCJ is the responsible organization for risk assessment of food and chemicals in food in Japan. She previously worked for National Institute of Health Science, the Ministry of Health Labor and Welfare as a section chief of Division of Pathology, Biological Safety Research Center. She started risk assessment of pesticides at FSCJ about 10 years ago. She has also attended JMPR as a monographer for 8 years. She has over 30-year carrier as a toxicologic pathologist after the graduation of Tottori University. Her main research targets are mechanisms of toxicity in reproductive system and carcinogenicity induced by chemicals.

- **ZARN Juerg**

Jürg Zarn received a PhD in biochemistry in 1992 and in the following years he worked in molecular oncology. Since 1996 he served for Swiss health authorities as a general toxicologist in the area of risk assessment of chemicals in food including pesticide residues. He is now head of the Toxicology and Biology Sector of the Swiss Federal Food Safety and Veterinary Office FSVO. In recent years, a focus of his interest was on conceptual issues regarding the role of the toxicity study design for the dietary risk assessment of pesticides. Since 2004 he worked as an expert for the “FAO/WHO Joint Meeting on Pesticide Residues” and 2014 2017 he was member of the German “BfR Committee for Pesticides and Their Residues”

FAO PANEL EXPERTS

- **ANAGNOSTOPOULOS Christos**

Dr Chris Anagnostopoulos is a senior researcher in the Department of Pesticides Control & Phytopharmacy of Benaki Phytopathological Institute (Greece). He has more than 10 years of experience in chemical analysis, dietary risk assessment and regulatory affairs in the field of pesticide residues and contaminants in foods and feed. He is involved as a regulatory expert in the risk assessment of pesticides and biocides in the frames of the EU and national legislation. He has also participated as a project leader or part of a research team(s) in National and EU funded scientific projects in the field of pesticides, food safety, risk assessment and analytical chemistry. He has published over 20 scientific papers and presented numerous lectures at National or International meetings in the field of analytical chemistry, pesticide residues and dietary risk assessment. Dr Anagnostopoulos has a degree in Agricultural Science and Engineering (Specialization in Crop Science) and a M.Sc. in Agricultural Economics & Rural Development from the Agricultural University of Athens (Greece). He holds a PhD in Agricultural Science from the same University, specializing in the development of analytical methods for the determination of contaminants in food and feed.

- **CALDAS Eloisa Dutra**

Prof. Eloisa Dutra Caldas is a full professor at the Department of Pharmacy of the University of Brasilia, Brazil (UnB), since 1997, and responsible for the Laboratory of Toxicology, coordinating projects on method development and analysis of pesticide residues and contaminants in foods and dietary exposure assessment, among others. She has a BSc in Chemistry and a Master in Analytical Chemistry from UnB and a PhD in Agricultural Chemistry from the University of California, USA. She was a postdoctoral fellow at the Institut National de la Recherche Agronomique (INRA), France in 2004/2005, and at the Université de Québec à Montréal (UQUÀM), Canada in 2016/2017. Prof. Caldas has published over 80 scientific papers that had over 2000 citations, presented numerous lectures at international meetings and gave many training courses around the world on dietary risk assessment for residues and contaminants. She is member of the FAO panel of the FAO/WHO Joint Meeting on Pesticide Residues (JMPR) since 1997.

- **CUDMORE Julian**

Dr Julian Cudmore is a senior scientist in the Chemicals Regulation Division (CRD) of the UK Health and Safety Executive. He has worked in CRD since 2006 and his role involves the evaluation of pesticide and biocide residues data as part of the registration and MRL setting process. Julian is the lead technical specialist for MRLs and represents the UK at EU risk management meetings relating to pesticide residues. While working at CRD Julian has delivered training to international audiences on consumer exposure assessments for pesticides and has been involved in codex working groups. Prior to joining CRD Julian worked in the food industry. He has a degree and Ph.D in analytical chemistry.

- **DOHERTY Michael**

Dr. Michael Doherty is currently a senior scientist in the Health Effects Division of the U.S. Environmental Protection Agency's Office of Pesticide Programs. Prior to joining the EPA in 1998, Dr. Doherty worked for the U.S. Department of Agriculture's Agricultural Research Service, investigating the fate of pesticides in the environment under different agronomic practices. He received his MS and Ph.D. degrees from the University of Maryland, where his research focused on the environmental toxicology of agricultural contaminants and on the biochemical effects of pesticide mixtures. Dr Doherty has authored six papers in

peer-reviewed journals. In his work at EPA, Dr. Doherty has authored numerous residue chemistry evaluation and human health risk assessments, and provided technical training to groups within the U.S. Government and to international audiences. He is a member of the OECD's Residue Chemistry Expert Group dealing with pesticides, and has served as an expert of the FAO panel for the Joint Meeting on Pesticide Residues since 2013.

- **HEIDLER Jochen**

Dr. Jochen Heidler is a scientific officer at the German Federal Institute for Risk Assessment since 2008 and worked for the last 9 years within the department of pesticide safety. He is responsible for the evaluation of analytical studies in the context of national and EU authorization procedures. On the national level he is a member in the Expert Group for Pesticide Residue Analytical Methods (EPRA). Additionally, he has participated in EFSA's Pesticides Peer Review Expert Meetings for residues and physical & chemical properties. He holds a Master of Science in Biochemistry from the Eberhard- Karls-Universität Tübingen, Germany and received his PhD in Environmental Health Sciences from the Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland, USA. Jochen Heidler joined the JMPR for the FAO panel in 2017.

- **IRIE Makoto**

Mr Makoto Irie is evaluation supervisor of Agricultural Chemicals Inspection Station, Food and Agricultural Materials Inspection Center of Japan. He has worked in this area since 1992 and it is a role that involves risk management relating to agricultural chemicals. Mr Irie is a chemist and has served since 2008 as a technical adviser of the FAO/WHO Joint Meeting on Pesticide Residues.

- **KOBAYASHI Hidetaka**

Dr Hidetaka Kobayashi is Director of the Agricultural Chemicals Office in Plant Products Safety Division, Food Safety and Consumer Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries of Japan (MAFF). He received a Ph.D. degree from Hokkaido University by the research on the lipid oxidation. He previously worked as an analytical chemist in a research institute of MAFF, as a risk manager of contaminants in foods and soils in MAFF, and as a member of the Codex Secretariat in FAO. He has participated in Codex Alimentarius Commission and various Codex committees, including those of the Codex Committee on Pesticide Residues, as the head of the Japanese delegation. He currently serves as Vice-Chair of the Working Party on Pesticides in OECD.

- **LE Monica**

Ms Monica Le is senior scientist within the Health Evaluation Directorate of the Pest Management Regulatory Agency of Health Canada. She is responsible for the evaluation of residue chemistry related studies and assessing dietary exposure/conducting risk assessments of pesticides. She is involved with the International Crop Grouping Consulting Committee (ICGCC) to revise and update residue chemistry crop groups and the CODEX Alimentarius working group on the Revisions to the Classification. Ms Le has participated in the FAO/WHOL Joint Meeting on Pesticide Residues since 2019.

- **LEE Mi-Gyung**

Mi-Gyung Lee is currently professor of Dept. of Food Science and Biotechnology in Andong National University of the Republic of Korea. She is a food chemist and has been a faculty member of the University since 1999. Her research has focused on analysis and dietary risk assessment for pesticide residues and contaminants in foods, publishing over 50 scientific papers in peer reviewed journals. She played a key role in developing Korean pesticide regulatory system by undertaking a project leader of national research projects, "Studies to improve the tolerance setting system of pesticide residues in foods", "Re-evaluation of MRLs of pesticides", and "Establishment of evaluation system for pesticide residues". Since 2005, Professor Lee has participated in the Codex Committee on Pesticide Residues as a Korean delegation, and joined the Joint FAO/WHO Meeting on Pesticide Residues for the FAO panel in 2012.

- **LUNN Dave**

Mr Dave Lunn has worked in the area of pesticide regulation, particularly the pre-clearance safety evaluation of pesticides in New Zealand since 1972, moving into the more technical aspects of pesticide residue assessment and MRL-setting in 1995 as Chief Scientist (Pesticides) in the Ministry of Agriculture and Fisheries and Registrar of the NZ Pesticides Board. In later years, as a Senior Programme Manager in the NZ Food Safety Authority, he concentrated on providing technical advice to New Zealand exporters and producer groups on NZ's trading partner pesticide residue requirements. In his current position as Principal Adviser (Residues) with the Plant Exports Group of the NZ Ministry for Primary Industries, his main areas of work include the evaluation of pesticide residue dossiers as part of the NZ pesticide registration process and providing technical advice on national and international pesticide residue standards (MRLs), residue testing and compliance policies. He is also a member of the New Zealand delegation to the Codex Committee on Pesticide Residues (CCPR) and has been the Rapporteur for that Committee for close to 20 years. He has also participated in FAO, OECD and APEC technical workshops on pesticide residue assessment and management and has served as an expert on the FAO/WHO Joint Meeting on Pesticide Residues (JMPR) since 2002.

- **MACLACHLAN Dugald**

Dr Dugald Maclachlan is director of residues and microbiology policy in the Exports Division of the Australian Federal Department of Agriculture and Water Resources. He has worked in this area since 2001 and it is a role that involves risk assessment relating to pesticides, veterinary drugs and contaminants. He is involved in the work of Codex, leading Australian delegations to Codex Committee on Residues of Veterinary Drugs in Food as well as to Codex task forces on antimicrobial resistance and animal feeding. A particular interest has been in models for predicting pesticide residues in crops and the potential for their transfer from feed to animal commodities. Dr MacLachlan is a chemist by training and is the author of 39 peer reviewed papers and has served since 2000 as a member of the FAO/WHO Joint Meeting on Pesticide Residues. He has contributed to the drafting of various OECD test guidelines and guidance documents.

- **MAHIEU Karin**

Ms Karin Mahieu is a European Registered Toxicologist (ERT) and studied medical biology at the University of Amsterdam, where she graduated in 1995 (BSc). For several years she worked as a toxicological risk assessor at TNO in Zeist on new and existing chemicals (now REACH) and on pesticides. Since 2009 she holds a position as toxicological risk assessor at RIVM (Dutch National Institute for Public Health and the Environment) in the field of pesticides and biocides, making a slight shift from human toxicology to residue evaluations. In this position she has been involved in preparing pesticide residue evaluations for Draft Assessment Reports for the EU and supporting with preparing residue evaluations for the JMPR since 2014.

- **POFLOTSKI Daniel**

Mr Daniel Poflotski is a Senior Residues Evaluator/Assistant Director of Residues and Trade at the Australian Pesticides and Veterinary Medicines Authority. He is a BSc graduate of the University of New England Australia majoring in Chemistry. With previous experience at the Department of Primary Industries New South Wales and as a Laboratory Manager for a NATA accredited laboratory focused on soil, plant and water analysis and reporting he has a combined experience of 10 years working in regulation within Australia and 15 years focusing on study design, analysis, quality assurance, interpretation and reporting related to optimising agricultural systems. Daniel Poflotski joined the JMPR for the FAO panel in 2020.

- **SIEKE Christian**

Mr Christian Sieke is a scientific employee at a German regulatory agency. He is a food chemist by training and has extensive experience in the consumer risk assessment of pesticides. Since 2003, he has been involved in the evaluation of pesticide residues. This includes the preparation of assessment reports on the residue behaviour of pesticide active ingredients in the context of national and EU-wide authorisation (Regulation (EC) No 1107/2009). On national level he is also a member of the expert advisory panel for the German food monitoring program and responsible for developing consumer exposure models based on German consumption data. Additionally, he participated in EFSA's Pesticide Peer Review Panel and is an expert at the residue chemist expert group (RCEG) of OECD. Christian Sieke joined JMPR at 2006 for the FAO group.

- **THOMAS Monique**

Ms Monique Thomas is a residue chemist and the section head of the Antimicrobials and Insecticides exposure section within the Health Evaluation Directorate of the Pest Management Regulatory Agency of Health Canada. In this capacity, she is responsible for overseeing dietary and occupational/residential exposure and risk assessments relating to these classes of pesticides. She continues to be involved in international projects under CUSMA and OECD, contributing to the drafting of various food residue chemistry policies and guidelines/guidance documents. Most recently, Ms Thomas was appointed as Head of the Canadian Delegation at CCPR (Codex Committee on Pesticide Residues) meetings. Ms Thomas has served since 2014 as a member of the FAO/WHO Joint Meeting on Pesticide Residues.

- **VAN DER VELDE-KOERTS Trijntje**

Ms Trijntje van der Velde-Koerts is trained as chemist (BSc) and since 2000 she holds a position as food safety advisor at RIVM (Dutch National Institute for Public Health and the Environment) in the field of pesticides, biocides and veterinary medicines. In this position she has prepared many pesticide residue evaluations for Draft Assessment Reports for the EU. Trijntje is a Member of the Residue Chemistry Expert Group of the OECD since 2007 and a Member of the FAO panel of the Joint FAO/WHO Meeting on Pesticide Residues (JMPR) since 2008. Trijntje is also involved in the preparation of the Dutch and JMPR models for estimation of pesticide residue dietary exposure.

- **YAMADA Yukiko**

Dr Yukiko Yamada is international food safety consultant, adjunct professor of Azabu University and guest scholar of the National Institute of Health Sciences of the Ministry of Health, Labour and Welfare (MHLW), Japan. She used to teach in a university in Japan. She served in the Codex Secretariat responsible for many Codex Committees including the Codex Committee on Pesticide Residues. After the

Codex Secretariat, she worked in the Ministry of Agriculture, Forestry and Fisheries (MAFF), Japan, mostly in the areas of food and feed safety. After her retirement from MAFF as Director-General for Technological Affairs/Chief Scientific Officer in 2013, she led significant overhaul of the Agricultural Chemical Control Act in MAFF as senior adviser, and also helped MHLW revise the general principles for setting maximum residue limits for pesticides in 2019. She is now providing guidance and advice on risk management of contaminants and residues of pesticide and veterinary drugs to MAFF and the MHLW and participating in a research project of MHLW on pesticide residues. She has participated in the Joint FAO/WHO Meeting on Pesticide Residues since 2001. She is a member of the OECD Residue Chemistry Expert Group.

- **YE Guibiao**

Dr Guibiao Ye is currently director of CCPR secretariat office in Institute for the Control of Agrochemicals, Ministry of Agriculture (ICAMA), P. R. China. He received the Bachelor in plant protection in Zhejiang Agriculture University, Master in pesticide science in graduate school of China Academy of Agriculture Science and PhD in pesticide residues in China Agriculture University. He has been working in pesticide registration and management for more than 20 years. He was the director of Residue evaluation division, pesticide import and export control division of ICAMA. His working experience includes pesticide residue evaluation, efficacy evaluation, international cooperation and international convention (e.g. Rotterdam Convention). He has been a JMPR expert since 2013 and deeply involved in the establishment of international and national MRLs standards. He published more than 60 research papers and 10 monographies. He achieved 6 scientific and technological awards at Ministerial level. He is a member of National Review Committee on Standards of Pesticide Residues, a member of Chinese Society of Plant Protection and vice chair of Chinese Society of Weed Science.