List of experts

Disclaimer:

In order to enhance its management of Conflicts of Interest as well as strengthen public trust and transparency in connection with FAO/WHO meetings involving the provision of technical/normative advice, the names and brief biographies of individuals (“Published Information”) being considered for participation in such meetings are disclosed for public notice and comment. The Published Information is provided by the experts themselves and is the sole responsibility of the individuals concerned. FAO/WHO is not responsible for the accuracy, veracity and completeness of the Published Information provided. Furthermore, in no event will FAO/WHO be responsible or liable for damages in relation to the use of, and reliance upon, the Published Information.

The comments received by FAO/WHO through the public notice and comment process are treated confidentially and their receipt will be acknowledged through a generic email notification to the sender. Comments and perceptions brought to the knowledge of WHO through this process are an integral component of FAO and WHO’s conflict of interest assessment policy and are carefully reviewed. FAO/WHO reserves the right to discuss information received through this process with the relevant expert with no attribution to the provider of such information. Upon review and assessment of the information received through this process, FAO/WHO, in its sole discretion, may take appropriate management action in accordance with its policies.

The participation of an expert in a FAO/WHO meeting does not imply that they are endorsed or recommended by the two Organizations nor does it create a binding relationship between the expert and FAO/WHO. The list of participating experts, a summary of relevant interests disclosed by such experts, and any appropriate mitigation measures taken by FAO and WHO relating to the management of conflicts of interests, will be reported publicly in accordance with FAO and WHO practice.
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).
• **BRESCIA Susy**

Susy Brescia has a degree in Biological Sciences and Human Genetics from 1991 and a PhD in Occupational Toxicology and Epidemiology (1997), including post-graduate and post-doc experience in the field of genetics and molecular epidemiology. She started work as a regulatory toxicologist with the UK Health & Safety Executive in 1999, being responsible for performing human health hazard and risk assessment for substances regulated under the Biocidal Product Regulation (BPR), Plant Protection Product Regulation (PPPR) and REACH. Also contributing to the technical aspects of Harmonized Classification and Labelling proposals under the CLP Regulation. She has been involved in drafting technical guidance documents for performing chemical risk assessment in the context of REACH and BPR and preparing WHO/IPCS, OECD, EFSA and ECHA technical reports on specific chemicals and various aspects of chemical hazard and risk assessment. She is a member of several national and international advisory committees and working groups, including the Executive Committee of the IGHRC (Interdepartmental Group on Health Risks from Chemicals) in the UK, ECHA TOX Biocidal Product Committee WG, ECHA Expert Group on Endocrine Disrupters and EFSA Pesticide Peer Review Panel. She is a registered toxicologist at the British Society of toxicology. She is currently the Head of the Toxicology Team with the Chemicals Regulation Division of the UK Health and Safety Executive.

• **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.
• **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.

• **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.

• **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.
• **DINOVY Michael**

Dr. Michael DiNovi received his undergraduate degree from MIT in 1977. His doctoral work in Organic Chemistry was completed under the supervision of Dr. Koji Nakanishi at Columbia University in New York in 1982. After a post-doctoral fellowship, studying the biosynthesis of beta-lactam antibiotics at the Johns Hopkins University in Baltimore, Dr. DiNovi became an assistant member at the Monell Chemical Senses Center in Philadelphia, studying the structural characteristics that affect the perception of taste for carbohydrates, including modified mono- and disaccharides. Dr. DiNovi joined the US Food and Drug Administration’s Center for Food Safety and Applied Nutrition in July 1988 as a chemistry technical reviewer. He became a senior editor and was named the Center’s expert on the dietary exposure assessment of naturally occurring compounds in 1995. He was made a supervisory chemist in 2001 and was subsequently named the Center’s international expert on dietary exposure assessment in late 2007. Dr. DiNovi has completed numerous important dietary exposure assessment projects, most notably the assessments for acrylamide, furan, and perchlorate contaminants in foods, published on the Food and Drug Administration website. Dr. DiNovi has served on a number of international expert workgroups, and has participated at meetings of the Joint FAO/WHO Expert Committee on Food Additives since 1999. He is a member of the EFSA expert panel on Contaminants in the Food Supply. Dr. DiNovi is married with a 26-year-old son and resides in Baltimore Maryland.

• **HUSSAIN Salmann Inayat**

Dr Salmaan INAYAT-HUSSAIN is the Section Head, Product Stewardship and Toxicology, Group Health, Safety and Environment at Petroliam Nasional Berhad. He has recently been appointed as an Adjunct Professor Department of Environmental Health Sciences, Yale School of Public Health. He has previously held senior governmental positions including Professor of Toxicology & Dean of the Faculty of Health Sciences, Universiti Kebangsaan Malaysia and Director, Melaka Biotechnology Corporation. Salmaan obtained a PhD in Biochemical Toxicology from the University of Leicester, England in 1997. Salmaan is an American Board Certified Toxicologist, Eurotox Registered Toxicologist and Fellow of the Academy of Sciences, Malaysia. Currently, Salmaan is the Associate Editor for Food and Chemical Toxicology journal and editorial board member for several journals including Human and Experimental Toxicology, Journal of Toxicological Sciences, Toxicology Methods and Mechanisms and Genes and Environment. Furthermore, Salmaan is the Director of the International Union of Toxicology Executive Committee. Salmaan has participated in working groups organised by international organisations such as WHO, UNEP and APEC Chemical Dialogue and has been a WHO/FAO JMPR expert since 2011.

• **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.

• **LEBLANC Jean-Charles**

Jean-Charles Leblanc obtained his PhD in Food Science in 2001, (University of sciences Denis Diderot, Paris VII). He worked as a Research engineer in human nutrition and food safety in the French National Institute of Agronomical Research (INRA) from 2000 to 2005 before joining the French agency for food, environmental and occupational health safety (ANSES) as Head of the Food Risk Assessment Department till 2013. Between 2014 and 2017 he was Senior consultant in exposure assessment in food safety for Food and Agriculture Organization of the United Nations (FAO). Since 2017 he is back to French agency for food, environmental and occupational health safety (ANSES) as Head of the Salmonella and Listeria Unit. Dr Leblanc is Member of the EFSA CONTAM Panel and is participating to JECFA and other FAO/WHO Consultations for more than 10 years.

• **LOW Kimberly**

Kimberley 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 (EOGRRTS) 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.
METRUCCIO Francesca
Francesca Metruccio obtained the degree in Medicine and Surgery in 1999 at University of Milan; in 2003 she received her diploma of Specialist in Occupational Medicine. Currently works as Occupational health and toxicology expert at International Centre for Pesticides and Health Risk Prevention (ICPS) of “L. Sacco” Teaching Hospital in Milan. From 2005 she works as National expert for the evaluation of mammalian toxicology and operator exposure assessment, on behalf of industrial dossiers assessment within the EC registration process of plant protection products and active ingredients (directive 91/414/EC). She is a Consultant to the Italian Ministry of Health to prepare draft assessment reports on active substances at European level. She attended as Italian delegate at EFSA expert meetings from 2007 to the present and was a Temporary advisor at FAO-WHO JMPR (Joint Meeting on Pesticide Residues) from 2008 to 2012. In 2008 she attended a two weeks theoretical and practical course on Benchmark dose modeling at the U.S. Environmental Protection Agency (research triangle park, Durham, EPA headquarters Washington DC).
Teaching experiences: Lecturer in Toxicology, Occupational Health and risk assessment for the operator exposed to pesticides at the University of Milan, training courses on toxicology, occupational health and operator exposure assessment to occupational technicians, firemen, veterinaries, occupational physicians; from 2006 to 2010, Scientific secretariat and teacher in European Master in Risk Assessment. Moreover, from 2005 she is involved in several international projects founded by the European Commission on chemical risk assessment and pesticide toxicity; she also works in the EUROMIX project, within the framework of Horizon 2020.

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**

WOLTERINK Gerrit (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 8years. 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.

• **YOSHIZAWA Katsuhiko**

Dr. Katsuhiko Yoshizawa (KATSU) is a professor in Department of Food Science and Nutrition, Mukogawa Women’s University. He is an expert committee member (Pesticides), Food Safety Commission of Japan, Cabinet Office, Government of Japan, and an expert committee member (Drugs), Pharmaceuticals and Medical Devices Agency (PMDA), Government of Japan. He was a chief pathologist and toxicologist in Fujisawa Pharmaceutical Co. Ltd. and Astellas Pharma Inc., Japan, and was an associate professor in Kansai Medical University, with 25-year experience in drug and chemical safety assessment. He is a well experienced toxicologic pathologist. In particular, he has excellent expertise to toxicities in eye-, liver-,
heart-, skin-, mammary- and anti-cancer drug- and immunosuppressant drug-induced toxicities and carcinogenicity. He has more than 200 publications in peer-review journals (including in Japanese). He was a visiting scientist for about two years, Laboratory of Experimental Pathology, National Institute of Environmental Health Science (NIEHS), USA. He researched the mechanistic studies of dioxin-induced and toxicity, chemical-induced heart toxicity. In addition, he was also the voting member of the Pathology Working Group (PWG) meetings for the NTP studies of several chemicals.

- **ZARN Jürg**
  Jaeg 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**

- **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. 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**
  Jochen Heidler is a scientific officer at the German Federal Institute for Risk Assessment since 2008 and worked for the last 5 years within the department of pesticide safety. He is responsible for the evaluation of residue and analytical studies and the preparation of assessment reports on residue behavior and residue analysis of pesticides for 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 participates 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 Irie is deputy director of Agricultural Chemicals Office, Plant Products Safety Division, Food Safety and Consumer Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries of Japan. He has worked in this area since 1992 and it is a role that involves risk management relating to agricultural chemicals. He is involved in the work of Codex as a member of Japanese delegation to Codex Committee on Pesticide Residues. 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 a Coordinator of Risk Management on Pesticides and Microorganisms, Ministry of Agriculture, Forestry and Fisheries, Japan. He works for the Policy Planning Division, Minister’s Secretariat; the Food Safety Policy Division and Plant Products Safety Division, Food Safety and Consumer Affairs Bureau; and the Research Coordination Division, Secretariat of the Research Council. He received a Ph.D. degree from Hokkaido University by the research on the lipid oxidation. Before his current position, he worked as an analytical chemist in a research institute of MAFF, as a chemist in the area of contaminants in foods and soils in the Food Safety and Consumer Affairs Bureau and as a member of the Codex Secretariat in FAO, having served for several Codex committees including CCPR. He has also participated in Codex committee meetings, including those of the Codex Committee on Pesticide Residues, as a member of the Japanese delegation.

• **LEE Mi-Gyung**

Ms Mi-Gyung Lee is currently professor of Dept. of Food Science and Biotechnology in Andong National University of the Republic of Korea. She has been a faculty member of the University since 1999. Her research focused on pesticide residues and risk assessment. She has published 55 original research papers in peer reviewed journals. Professor Lee 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, she has participated in the Codex Committee on Pesticide Residues as a Korean delegation and actively participated in the work of Codex Committee on Pesticide Residues and other related international activities. She worked as a member of national and international advisory committees, Deliberation Council of National Agricultural Products Quality Management Service of Korea, Korea Food Sanitation Deliberation Council, Pesticide Registration Authority of Rural Development Administration of Korea, Editorial Board of the Korean Journal of Pesticide Science, and International Crop Grouping Consulting Committee.

• **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 recent years, as a Senior Programme Manager in the NZ Food Safety Authority, he has 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 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.

**MARGERISON Samuel**

Dr Sam Margerison is the director of the Chemistry and Manufacture section in the Scientific Assessment and Chemical Review Program at the Australian Pesticides and Veterinary Medicines Authority (APVMA). This section is responsible for approving agricultural and veterinary active constituents, as well as evaluating the formulation chemistry, manufacturing processes, analytical methods and stability data to support registration of products. Previously, he was a senior residues evaluator at APVMA, evaluating metabolism, residues and dietary intake data for pesticides. Sam has prepared seven monographs for JMPR since 2012. He completed a B.Sc. (Hons) in Chemistry at the University of Canterbury, Christchurch, New Zealand, and a Ph.D. in Physical Inorganic Chemistry at the Australian National University in Canberra.

**THOMAS Monique**

Ms Monique Thomas is 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 role, she is responsible for the dietary and occupational/residential exposure and risk assessments relating to these classes of pesticides. She continues to be involved in international projects under NAFTA and OECD, contributing to the drafting of various food residue chemistry policies and guidelines/guidance documents as well as writing the Canadian positions in preparation for the 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 currently Advisor to the Vice-Minister, Ministry of Agriculture, Forestry and Fisheries (MAFF), Japan, after her retirement from MAFF as Director-General for Technological Affairs/Chief Scientific Officer and later working as International Food Safety Consultant (self-employed), and Advisor to the Vice-Minister (part-time) of MAFF. She is now providing guidance and advice on risk management of contaminants and residues of pesticide and veterinary drugs to MAFF and the Ministry of Health, Labour and Welfare (MHLW), and participating in a research project of MHLW on pesticide residue regulations. She has organized and conducted training courses on food safety, contaminants, and pesticide residue evaluation for MHLW and overseas countries.

She was the driving force in the implementation of food safety risk analysis in the Japanese Government and risk management in MAFF and established a nation-wide surveillance and monitoring system for chemical and microbiological hazards in MAFF. She was once the Secretary of the Codex Committee on Pesticide Residues and now serving as vice-chair of the OECD Working Group on Pesticides for the second time (2008-2012, 2017- ) and as member of RCEG of WGP. She headed the Japanese Delegations to various Codex committees related to food safety, OECD WGP and other international meetings, and has participated in the Joint FAO/WHO Meeting on Pesticide Residues since 2001.

• 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.