89th Joint FAO/WHO Expert Committee on Food Additives (JECFA)
Geneva, 1-12 June 2020

WHO Experts participating in the meeting
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List of Experts
The following list of experts is proposed by WHO for the meeting. Please find below their bio-sketches. If you have any comments, please contact us at jecfa@who.int no later than 25 May 2020

AGUILAR Fernando
French Agency for Food, Environmental and Occupational Health & Safety (ANSES)
France

Dr. Aguilar is a toxicologist with expertise on risk assessment of food additives and on European legislation regulating food additives. Fernando is an acting senior scientific coordinator at the Food Risk Assessment Unit in the Risk Assessment Directorate of Anses since 2001. In 1990, he obtained his PhD degree in plant molecular biology from the University of Neuchâtel in Switzerland with a thesis on the structural and functional analysis of nuclear genes coding for the elongation factor eEF-1α of Glycina max and the chloroplast specific thioredoxin f of Spinacia oleracea. After receiving his undergraduate degree, Fernando expend four years as a postdoctorant at the Swiss Institut for Experimental Cancer Research (ISREC), in Lausanne, Switzerland. His main research interests were the study of food contaminants (aflatoxins, urea) and UV exposure particularly on the p53 tumor suppressor genes in relation to cancer development. As intuitu personae Fernando was member of Scientific Panels and working groups of the European Food Safety Agency evaluating food additives, processing aids, flavours or nutritional substances from 2009 to 2018.

BARLOW Sue
Brighton, East Sussex
UK

Sue Barlow has been involved in risk assessment of chemicals and food for many years. In her early career in academia she worked in reproductive/developmental toxicology research and taught pharmacology. She then worked in regulatory toxicology in the UK Department of Health and became chief scientist. Since 1996, she has been an independent consultant in toxicology. She has been a temporary adviser to JECFA since 2005 and a member of the WHO Expert Advisory Panel on Food Safety since 2012. She was involved in the preparation of the 2009 FAO/WHO guide to JECFA and JMPR “Principles and Methods for the Risk Assessment of Chemicals in Food” and was a co-editor of the 2002 IPCS-WHO/ILO/UNEP “Global Assessment of the State-of-the Science of Endocrine Disrupters”. She was a member of the Veterinary International Cooperation on Harmonisation Safety Working Group. She has been an evaluator and reviewer for research proposals and projects funded by the European Union. She was a member of the European Commission’s Scientific Committee on Food for 10 years. From 2003-2008 she chaired the European Food Safety Authority’s Scientific Panel on Food Additives, Flavourings, Processing Aids and Materials in Contact with Food and was a member of EFSA’s Scientific Committee from 2003-2012.
**BEND John Richard (Jack)**  
Schulich School of Medicine & Dentistry, Western University (WU)  
Canada

Jack is a Distinguished University Professor Emeritus at the Schulich School of Medicine & Dentistry, Western University (WU). He was a scientist (1970-86) and Chief of the Laboratory of Pharmacology (1980-1986) at the National Institute of Environmental Health Sciences (NIEHS/NIH). He was Professor and Chair, Department of Pharmacology & Toxicology, WU, 1986-2000; and Associate Dean, Research at Schulich Medicine & Dentistry from 1999-2007. Jack is the co-author of more than 170 peer-reviewed articles describing original research findings in the areas of molecular and environmental toxicology. He is a member of a Review Committee of the Canadian Foundation for Innovation (CFI); a past member of the Ontario Pesticide Advisory Committee; the CIHR Environment and Health Steering Committee (2002-05); and the Advisory Committee to the Canada’s Minister of Health on Chemical, Biological, Radiological and Nuclear (CBRN) Safety, Security and Research. He was also a member of the Council of Canadian Academies Expert Panel on the Integrated Testing of Pesticides, whose report was finalized and released in 2012. Bend also served as a reviewer for the Eco-Research Tri-Council of Canada; and as a review panel member for the Toxic Substances Research Initiative, Environment Canada. Jack currently serves on the Editorial Board of the International Journal of Environmental Research and Public Health.

**BENFORD Diane**  
Cheddington  
UK

Dr Diane Benford is a toxicologist with particular expertise in mechanisms of toxicity and risk assessment. Until 2017, she was head of the Risk Assessment Unit at the UK Food Standards Agency. The Unit had overall responsibility for advice associated with all types of chemicals in food and of microbial contamination, but much of Diane’s work focussed on chemical contaminants, food additives and natural toxicants. Her role also included acting as scientific secretary to the Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (COT) and part of the joint secretariat to its sister committees on Mutagenicity (COM) and Carcinogenicity (COC). In a personal capacity Diane was a member of the Scientific Panel on Contaminants in the Food Chain (CONTAM) of the European Food Safety Authority (EFSA) from 2005 to 2015, acting as chair of the panel for the final 3 year term of office. She is now a member and vice-chair of the EFSA Scientific Committee. She has participated in meetings of JECFA since 2001, firstly as a WHO Temporary Advisor and since 2013 as a member.

**CERNIGLIA Carl Cerniglia**  
US Food and Drug Administration (FDA)  
USA

Dr. Carl E. Cerniglia is Director of the Division of Microbiology at the National Center for Toxicological Research (NCTR), Jefferson, Arkansas, and is a Senior Biomedical Research Service Scientist for the Food and Drug Administration (FDA). Dr. Cerniglia has been at NCTR since 1980. He is also an adjunct Professor in the Dept. of Pharmacology and Toxicology at the University of Arkansas Medical Sciences, Little Rock, Arkansas. Dr. Cerniglia is active in a variety of government and academic committees and national and international review panels. Since 1994 to the present, Dr. Cerniglia has served as an advisor and expert reviewer at the World Health Organization on Antimicrobial Residues in Foods (JECFA) and from 2015 to the present as a microbiology expert committee member on Pesticide Residues in Food (WHO/JMPR). He serves as a member of many editorial boards and an elected as a fellow in the American Academy of Microbiology. Dr. Cerniglia's research has resulted in over 400 technical 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. The research achievements of Dr. Cerniglia have 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.

**DINOVI Michael**  
US Food and Drug Administration (FDA)  
USA

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 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. 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 has been a supervisory chemist since 2001. In 2007, he was named the Center’s international expert on dietary exposure assessment. Dr. DiNovi has completed numerous important dietary exposure assessment projects, most notably the assessments for acrylamide, furan, and perchlorate contaminants in foods. 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 was a member of the EFSA expert panel on Contaminants in the Food Supply for 6 years ending in 2018. Dr. DiNovi is married with a 27 year old son and resides in Baltimore, Maryland USA.

**FLETCHER Nick**  
Food Standards Australia New Zealand  
Australia/New Zealand

Dr Nick Fletcher is currently the Principal Toxicologist and head of the Chemical Safety and Nutrition Science Section at Food Standards Australia New Zealand (FSANZ). The team assesses the safety of food additives, contaminants, natural toxicants, processing aids, nutrients, and novel foods. Prior to joining FSANZ, Dr Fletcher worked at the Office of Chemical Safety reviewing the safety of agricultural and veterinary chemicals and subsequently at the Therapeutic Goods Administration conducting premarket safety assessment of prescription medicines. He received a PhD in toxicology from the Karolinska Institute, Stockholm, which examined the interactions of persistent organic pollutants with nuclear receptor signalling pathways.

**JEURISSEN Suzanne**  
National Institute for Public Health and the Environment  
Netherlands

Suzanne Jeurissen (PhD, ERT) works as a risk assessor human toxicology and project leader at the Centre for Nutrition, Prevention and Health Services of the National Institute for Public Health and the Environment (RIVM) in the Netherlands. She studied Human Nutrition (specializations toxicology and physiology) at Wageningen University. In 2007, she obtained her PhD at the Division of Toxicology and the Laboratory of Organic Chemistry of Wageningen University with a thesis on the bioactivation and genotoxicity of the herbal constituents safrole, estragole and methyleugenol. She is registered as a European Registered Toxicologist. From 2007 onwards, she works at RIVM. Her main activities include risk assessment and policy advice on chemical substances in food, in particular botanicals, food
additives and food flavourings. She coordinates the ‘RIVM-RIKILT Front Office Food and Consumer Product Safety’ for urgent (‘ad hoc’) risk assessments and she contributes to the Joint FAO/WHO Expert Committee on Food Additives (JECFA) as WHO Expert on food additives since 2009.

MATTIA Antonia
Office of Food Additive Safety (OFAS), Center for Food Safety and Applied Nutrition, U.S. FDA
USA

Dr. Antonia Mattia is the Senior Science Advisor for Toxicology in the Office of Food Additive Safety (OFAS) at the U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition in College Park, Maryland. She serves as a Center expert for scientific and policy support for the development of agency-initiated actions on food additives, color additives, generally recognized as safe (GRAS) substances and food contact substances. She ensures internal consistency for reviews of these substances and provides leadership to enhance review processes. From 2002 through 2016, Dr. Mattia was the Director of the Division of Biotechnology and GRAS Notice Review in OFAS. As the Division Director, she ensured the successful operation of four distinct regulatory programs, including the GRAS notification program for ingredients intentionally added to food, biotechnology consultations, new protein consultations, and petitions and notices submitted according to the Food Allergen Labeling and Consumer Protection Act. Throughout her toxicology career, Dr. Mattia has worked with representatives from industry, academia, and the private sector and federal officials to accomplish FDA’s regulatory responsibilities in the foods area. Dr. Mattia has participated in JECFA meetings since 1996, having become a member in 2005.

MOSESSO Pasquale
Largo dell’Università s.n.c.
Italy

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 responsible of a scientific research team in the field of genetic toxicology and molecular cytogenetics focused on molecular mechanisms of mutagenesis and chromosomal damage, DNA repair, evaluation of genetic effects of environmental and food-borne chemicals and complex mixtures, biomarkers of exposure, susceptibility and effects in human populations, ecotoxicology. Special activity is also devoted to development of new methods and strategies for genetic toxicity testing. In a 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 (WG). The main task in the ANS Panel has been the assessment of the genotoxicity studies and interpretation of results in terms of mode of action (MoA) of the different food additives food under authorisation. In this respect, PM has combined his long-time experience on both scientific regulatory aspects in an international CRO and his involvements as academic scientist in basic research.

MUELLER Utz
Food Standards Australia New Zealand, Barton, ACT (Retired)
Australia

Until his retirement in June 2018, Dr Utz Mueller was Head of the Health Assessment Team at the Australian Pesticide and Veterinary Medicines Authority (APVMA), Kingston, ACT. In this role he was responsible for delivering scientific and policy support for this new unit within the APVMA. Prior to joining the APVMA on secondment in 2016, he was the head of the Chemical Safety and Nutrition Section in Food Standards Australia New Zealand (FSANZ) where he provided advice on risks associated

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Dr. Mueller holds a Bachelor of Science (Hons) and PhD in Pharmacology from the University of Western Australia, Perth, WA. Dr Mueller was a Senior Research Fellow at Flinders University in South Australia prior to joining the Therapeutic Goods Administration in 1996 where his primary task was the safety evaluation of pre-market therapeutic drugs. He subsequently joined the Office of Chemical Safety in 1997 to undertake pre-market safety assessments and review the safety of existing agricultural and veterinary chemicals. He has also been a scientific advisor for the FAO/WHO Joint Meeting on Pesticide Residues (JMPR) and the Joint Expert Committee of Food Additives (JECFA) for several years. He is currently a JECFA panel member.

ROTSTEIN Joel
Health Canada
Canada

Joel Rostein leads a team of toxicologists in the Chemical Health Hazard Assessment Division of the Bureau of Chemical Safety part of the Food Directorate within Health Canada (the Department of Health in the Government of Canada). The team assesses the safety of food additives, processing aids and novel foods from a toxicological perspective, as part of a pre-market evaluation process. Before working with the Government, he graduated with a Ph.D. from the University of Toronto (Toronto, Ontario, Canada) and completed post-doctoral fellowships at the University of Texas System Cancer Centre (Smithville, Texas, USA) and the University of Illinois (Chicago, Illinois, USA). His doctoral and post-doctoral work examined different aspects of chemical carcinogenesis. One of his most recent projects involves the toxicological assessment of dietary supplements.

SCHLATTER Josef
Swiss Federal Office of Public Health (Retired)
Switzerland

Dr Josef Schlatter has been toxicologist for 28 years at the Nutritional and Toxicological Risks Section of the Swiss Federal Office of Public Health, Food Safety Division, and was the head of the section for 21 years until his retirement in 2012. The main responsibility of the section was performing risk assessments in the area of diet and nutrition and all types of chemicals in food. These include natural toxicants, contaminants in food and drinking water (residues of veterinary drugs, pesticides, environmental pollutants), food additives, cosmetics, food contact materials and toxicological evaluation of novel foods. His research focussed mainly on natural toxicants (inherent food-plant toxins, mycotoxins) and contaminants. He was a lecturer in toxicology for more than 10 years at the Swiss Federal Institute of Technology, Zürich and was teaching/organising block courses in food toxicology. In a personal capacity, he has been a member of the Scientific Committee on Food of the European Commission and was chairing the scientific panel on contaminants in the food chain of the European Food Safety Authority for 9 years (2003-2012), and is currently member of the EFSA Scientific Committee. He has participated in about 20 meetings of JECFA since 1998.

STICE Szabina
US Food and Drug Administration (FDA)
USA

Dr. Szabina Stice is a toxicologist in FDA’s Office of Food Additive Safety (OFAS) with particular expertise in structure-toxicity relationships and flavor toxicology. Her background is in chemistry, toxicology, and pharmacology. She currently leads a small team working on updating the Cramer et al. (1978) Decision Tree and the Threshold of Toxicological Concern (TTC) levels and she is the co-principal investigator on the development of the Expanded Decision Tree software. Dr. Stice is FDA’s flavor toxicology expert, FDA’s Center for Food Safety and Applied Nutrition’s (CFSAN) master regulatory review scientist, a member of FDA’s Office of Food Additive Safety’s Gentotoxicity Team,
and FDA’s representative to the Organisation for Economic Co-operation and Development’s (OECD) Biotransformation Expert Working Group. At FDA she conducts critical reviews of carcinogenicity potentials of flavoring substances and food contact materials and performs toxicological reviews of Generally Regarded as Safe (GRAS) Notices, Food Additive Petitions (FAPs), and Citizen’s Petitions.

YANG Xingfen  
Southern Medical University (SMU)  
China

Dr Xingfen Yang received her Medical Degree and Ph.D. in toxicology from Sun Yat-Sen University, China. She worked as a visiting scholar in COFM, National University of Singapore in 1994, and 1996. She had been Deputy Director General and Chief Scientist for Guangdong Provincial Center for Disease Control and Prevention from 2001 to 2017. Currently, she has worked with Southern Medical University as the Dean and the Professor of School of Public Health, Director of Food Safety and Health Research Center since Sept 2017. She is now remained to serve as the chief scientist of Guangdong CDC. Recent years, Dr Yang is mainly engaged in research of applied toxicology and food safety surveillance and risk assessment. She has been a WHO toxicological expert and temporary adviser of JECFA since 2011. She is currently a member of National Expert Committee for Food Safety Risk Assessment, Vice Chairman of Chinese Society of Toxicology (CSOT) and Professional Committee of Food Toxicology, Committee of Alternatives and Translational Toxicology, CSOT. Recently, her research interests focus on the risk assessment of food contaminants and additives (e.g. cadmium, curcumin, etc.), alternative methods to animal tests of toxicological safety evaluation.

YOOON Hae Jung  
Ministry of Food and Drug Safety  
Republic of Korea

Dr. Hae Jung Yoon joined the Ministry of Food and Drug Safety in Republic of Korea in 1996 and her work was focused on chemical risk assessment that encompasses monitoring/surveying chemicals in food (i.e. food additives, contaminats, pesticides, and food packaging materials). Dr. Yoon was included in FAO/WHO Roster of experts for JECFA for exposure assessment of chemicals in food since 2006 and invited many previous JFECFA meetings. Dr. Yoon also involved many international activities such as Codex Alimetarius Commission, and the Total Diet Workshop in 2015, Seoul, Korea. Recently, Dr. Yoon has also participated FAO/WHO Expert Consultation to update the EHC 240 chapter 6.

ZANG Janet  
US Food and Drug Administration (FDA)  
USA

Dr. Zang is a Lead Toxicologist at US Food and Drug Administration (FDA) Center for Food Safety and Applied Nutrition (CFSAN). As a toxicology reviewer, she routinely conducts safety evaluation of FDA-regulated food substances, including food additives, color additives and other food ingredients. She also has expertise in performing human health risk assessment of chemical food contaminants such as toxic elements and natural toxins. Dr. Zang received her B.S and M.S. degrees in Environmental Biology from Nanjing University, China. She obtained her Ph.D. in Pharmacology and Toxicology from University of Louisville School of Medicine, followed by a postdoctoral training in toxicology at Johns Hopkins Bloomberg School of Public Health. Dr. Zang has served as the toxicological and risk assessment resource person in many national and international food safety working groups convened by NIH, NTP, OECD, FAO and WHO. She is selected to the current (2016-2020) Joint FAO/WHO Expert
Committee on Food Additives (JECFA) Roster of Toxicological and Epidemiological Experts and has authored a number of JECFA monographs. Dr. Zang is a Diplomat of the American Board of Toxicology.

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