

## Facilitator Biographies

### ***Bette Meek, PhD***

Dr. Meek has a background in toxicology receiving her M.Sc. in Toxicology (with distinction) from the University of Surrey, U.K. and her Ph.D. in risk assessment from the University of Utrecht, the Netherlands. She is currently the Associate Director of Chemical Risk Assessment at the McLaughlin Centre for Population Health Risk Assessment, University of Ottawa, completing an interchange assignment from Health Canada. She has extensive experience in the management of chemical assessment programs within the Government of Canada, most recently involving development and implementation of process and methodology for the health assessment of Existing Substances under the Canadian Environmental Protection Act (CEPA) and previously, programs for contaminants in drinking water and air. With colleagues within Canada and internationally, she has contributed to or led initiatives to increase transparency, defensibility and efficiency in health risk assessment, having convened and participated in initiatives in this area for numerous organizations including the International Programme on Chemical Safety, the World Health Organization, the International Life Sciences Institute, the U.S. Environmental Protection Agency, the U.S. National Academy of Sciences and the U.S. National Institute for Environmental Health Sciences. Relevant areas have included frameworks for weight of evidence analysis including mode of action, chemical specific adjustment factors, physiologically-based pharmacokinetic modeling, combined exposures and predictive modeling. She has also authored over 175 publications in the area of chemical risk assessment and received several awards for contribution in this domain.

### ***Kevin Crofton, Ph.D.***

Dr. Kevin M. Crofton received his Ph.D. in Toxicology from the University of North Carolina at Chapel Hill in 1986. He has been working for the past 20 years as a neurotoxicologist in the Office of Research and Development of the U.S. Environmental Protection Agency (EPA), in Research Triangle Park, North Carolina. His research interests include developmental neurotoxicity, with an emphasis on the use of mode-of-action models to study the impact of endocrine disruptors and the cumulative risk of thyroid disruptors and pesticides. He is an Adjunct Assistant Professor in the Department of Toxicology at North Carolina State University and the Curriculum in Toxicology, University of North Carolina at Chapel Hill. Dr. Crofton's professional activities include membership in numerous scientific societies and participation on many professional review boards. He has presented invited lectures for a variety of government agencies in Europe, Canada, and the U.S., and for numerous professional societies and universities. In addition, he has authored or coauthored at least nine book chapters or reviews and over 100 peer reviewed publications.

### ***Jennifer Seed, Ph.D.***

Dr. Jennifer Seed is a Branch Chief with the Office of Pollution Prevention and Toxics, Risk Assessment Division, Existing Chemicals Assessment Branch of the U.S. EPA. Jennifer has been the lead for the Agency's and the OECD's hazard and risk assessment activities of PFOA and other perfluorinated compounds. In addition, she is actively involved in a number of activities, both within the EPA as well as with other organizations that have focused on risk assessment issues. She is the chair of the human health effects subgroup of the Agency's Risk Assessment Forum and has been involved in Agency efforts to harmonize cancer and noncancer approaches for risk assessment. She has been involved in the ILSI/RSI and IPCS efforts to develop a Human Relevance/Mode of Action Framework for Cancer and Non-cancer Risk Assessment. She has also been involved in the Agency and OECD efforts to develop and harmonize test guidelines and risk assessment guidelines for developmental and reproductive toxicity. Jennifer received a PhD in developmental biology from the University of Washington.

### ***Douglas C. Wolf, D.V.M., Ph.D., Fellow IATP, ATS***

Dr. Wolf is the Assistant Laboratory Director at the National Health and Environmental Effects Research Laboratory U. S. EPA. Dr. Wolf graduated in 1981 from the University of Missouri with his D.V.M. and, after 6 years in clinical veterinary practice, he went to Purdue University where he completed his pathology residency and Ph.D in Veterinary Pathology in 1991. Doug was a staff scientist for 6 years at the Chemical Industry Institute of Toxicology (CIIT) where he studied chemical carcinogenesis. From 1997 until 2007 he was a principal investigator at the National Health and Environmental Effects Research Laboratory (NHEERL) of the U. S. EPA where he continued his work in carcinogenesis and molecular pathology. Currently he is an Assistant Laboratory Director for NHEERL. Doug has authored or co-authored over 100 journal articles, book chapters, and technical reports and has presented his work at numerous scientific meetings. Doug is an adjunct faculty member at North Carolina State University; University of North Carolina; and the Virginia Polytechnic Institute. Doug has received awards for

the best paper in Fundamental and Applied Toxicology from the Society of Toxicology, and Bronze medals from the U. S. EPA for his work on various risk assessment issues and a Gold Medal for his participation on the Perchlorate Risk Assessment team. Dr. Wolf sits on many working groups, committees, and scientific review organizations. He is a frequent member of pathology working groups for the National Toxicology Program at the National Institute of Environmental Health Sciences, sits on the review board for risk assessments for Toxicology Excellence for Risk Assessment, reviews risk assessments for Health Canada, the National Center for Environmental Assessment/USEPA, and the Office of Pesticide Programs/USEPA. In 2004 Dr. Wolf was elected a Fellow of the International Academy of Toxicologic Pathologists and in 2007 elected as a Fellow of the Academy of Toxicological Sciences.

**George Loizou, Ph. D.**

Dr. Loizou is a biochemical toxicologist with over 22 years experience in quantitative, mechanistic chemical toxicology. He has been applying physiologically based pharmacokinetic (PBPK) modelling to analyse and explain toxicological data. The general aim of this work is to provide a quantitative basis to chemical risk assessment in support of the UK Health and Safety Executive and external customers. His work involves the development of user-friendly tools for quantitative, data-informed chemical risk assessment e.g., the rapid generation of PBPK models, the incorporation of human inter-individual variability into chemical risk assessment, interpretation of biological monitoring and the use of *in vitro* techniques to study the metabolism and mode of action of chemicals. He is currently serving as an independent expert for the European Commission, Scientific Committee on Consumer Safety (SCCS), the UK Representative for the World Health Organisation International Programme on Chemical Safety Harmonization Project on PBPK Modelling, and a member of the European Centre for the Validation of Alternative Methods (ECVAM) PBPK Modelling task Force (03/2006-present).