

Toxicology Group: Committee Biographies

Officers

Chair

Kate Jones FRSC

Kate Jones is team lead for Biological Monitoring at the Health & Safety Executive. She has wide experience and expertise in the biological monitoring of organic compounds, this includes skills in the use of specialist analytical techniques and instrumentation; method development; toxicology; and gaining approval for and running human volunteer studies. Kate has been heavily involved in developing biological monitoring for isocyanates in the UK as a means of assessing and controlling exposure. She is actively involved with the British Occupational Hygiene Society and is the UK national secretary for ICOH.

Treasurer

Dr. John MacLachlan FRSC

Dr. John MacLachlan is a retired academic from Glasgow Caledonian University, with teaching, research and consultancy interests in applications of analytical chemistry; and has specialist skills in forensic and environmental toxicology. Specific areas of expertise are in the use of GC-MS and LC-MS in the trace analysis of a range of organic compounds in body fluids, and in environmental matrices, including POP/EDCs, drugs of abuse, and additives/contaminants in food. Recent research includes the “noPILLS” project in the determination of pharmaceuticals in waste water as part of an international EU(INTEREG) project, representing Scotland/UK; morphine/alcohol dependency in mice (MRC funded with Bristol University); sterol biomarkers in human neurological diseases (St Georges Hospital, London). John was Chair of the Forensic Investigation Programme Board, and the GCU representative on the RSC Heads of Chemistry Group (HCUK). He is currently a Fellow of the Royal Society of Chemistry, a Member of the Chartered Society of Forensic Sciences, and a Fellow of the Higher Education Society.

Secretary

Chris Waine

Chris Waine is a European Registered Toxicologist, currently working as a Principal Toxicologist for bibra toxicology advice and consulting, a leading human health hazard and risk assessment consultancy. Chris specialises in supporting regulatory submissions from clients across the chemical, pharmaceutical and medical device industries. His particular interests lie in the field of read-across, (Q)SAR and other alternatives to animal testing, regularly presenting on these topics at conferences and exhibitions. Chris is an expert member of ISO Technical Committee TC/194 and BSI CH/194 on the biological evaluation of medical devices.

Members

Dr. Lindsay Bramwell

Dr. Lindsay Bramwell has a background in analytical chemistry and contaminated land & public health consultancy and regulation. She is currently a senior research fellow at Northumbria University. Research interests include environmental & dietary human exposure pathways to legacy and emerging contaminants, particularly home environments and allotments, POPs (e.g. halogenated flame retardant chemicals) and lead, contaminated land, contaminant bioaccessibility and plant uptake, human biomonitoring, human health risk assessment, community and citizen science, indoor and outdoor air quality assessment, impacts of climate change on exposure pathways.

Gemma Hayes

Gemma Hayes is the Head of Cosmetic Microbiology at ISCA UK Ltd. She specialises in microbiological preservative efficacy testing (PET), most notably the European Pharmacopoeia. With a strong foundation in cosmetic microbiology and demonstrated leadership skills, Gemma also possesses a robust background in quality assurance. Committed to continuous professional growth, Gemma is currently pursuing an MSc in Toxicology to further enhance her expertise with a goal to produce Cosmetic Product Safety Reports (CPSRs).

Mark Hosford

Mark Hosford is an experienced toxicologist of over 20 years working in environmental, occupational, and regulatory toxicology and chemical risk assessment. Following roles at an environmental consultancy and a veterinary medicines consultancy, Mark worked for the Environment Agency where his main focus was assessing the risks to human health from chemical contaminants in soil. Mark then moved into industry, initially supporting product development and chemical notification and risk assessment of additives for oil lubricants and fuel additives. For the last 10 years, Mark has supported the platinum group metals industry with chemical notifications and latterly working on industry-wide projects focussed on occupational toxicology, health and hygiene. Mark is a member of the British Toxicology Society, is a UK and European Registered Toxicologist, and is the current Chair of the Executive Panel of the UK Register of Toxicologists.

Dr. Anais Kahve

Dr. Anais Kahve works in consulting as a toxicologist with a focus on substances which have the potential to act as endocrine disruptors. Her work involves examining the potential hazard of a substance by assessing data from animal and non-animal models. Anais also provides assistance and expertise in litigation where people allege harm to their health from exposure to a particular substance.

David O'Loughlin

David O'Loughlin is an early career toxicologist with a specialty in non-exhaust particle emissions and environmental chemistry. He has a BSc (Hons) in Pharmaceutical Chemistry from Maynooth University and an MSc in Toxicology and Regulatory Affairs from University College Dublin. He is due to complete his PhD in Toxicology from the University of Cambridge in 2025. David has

experience working in forensic toxicology and in assessment of orphan medicine submissions for biotechnology start-ups.

Dr. Martin Rose FRSC

Dr. Martin Rose worked for over 30 years as a government scientist in the field of chemical contaminants in food. He has been working as an independent scientist since 2017 on food control systems and food chemical risk assessment with organisations including the United Nations, European Food Safety Authority, Universities of Manchester and Leeds, serving on several UK Government committees and acting as an assessor and monitoring officer for Innovate UK.

Dr. Sarah Bull

Dr. Robert Foster

David Hart

Dr. Ehi Idahosa-Taylor

Dr. Trudy Knight

Prof. Shirley Price FRSC

Dr. Paul Russell FRSC

Dr. Ovnair Sepai FRSC

Dr. Andy Smith FRSC