



SETAC / iEOS - Joint Focused Topic Meeting on Environmental and (eco)toxicological Omics and Epigenetics: Science, Technology and Regulatory Applications

Thursday 15 September

Session 6: Epigenetics in risk assessment: academia, industry and regulator perspective

Co-chairs: Dave Spurgeon (Centre for Ecology and Hydrology, UK) & Stuart Marshall (Unilever, UK)

09:00 Session intro (co-chairs)

09:05 45a | **Keynote speaker:** Academia perspective - Peter Kille (Cardiff University, UK)

09:35 45b | **Keynote speaker:** Industry perspective - Alan Poole (ECETOC, Belgium)

10:05 45c | **Keynote speaker:** Government perspective - Gilbert Schönfelder (Federal Institute for Risk Assessment (BfR), Germany)

10:35 *Coffee break and posters*

11:15 46 | Environmentally induced epigenetic toxicity: potential public health concerns - Emma Marczylo (Public Health England, UK)

11:35 47 | International regulatory needs for development of an IATA for non-genotoxic carcinogenic chemical substances - Miriam Jacobs (Centre for Radiation, Chemical and Environmental Hazards, Public Health England, UK)

11:55 48 | Report on EFSA scientific colloquium on epigenetics and risk assessment - Christer Hogstrand (King's College London, UK)

12:15 Session 6 wrap-up (co-chairs)

12:20 *Lunch and posters*

Panel debate, plenary discussion and conclusions: epigenetics in risk assessment: needs and the way forward

Moderators: Peter Kille (Cardiff University, UK) & Michael Eckerstorfer (Environment Agency, Austria)

Panel members: Juliette Legler (Brunel University London, UK), Joe Shaw (University of Indiana, USA), Ben Brown (Lawrence Berkeley National Laboratory, USA), Joëlle Rüegg (Swedish Toxicology Science Research Center Swetox, Sweden), Adelheid Lempradl (Max Planck Institute of Immunobiology and Epigenetics, Germany), Alan Poole (ECETOC, Belgium), Gilbert Schönfelder (Federal Institute for Risk Assessment (BfR), Germany), Miriam Jacobs (Public Health England, UK), Christer Hogstrand (King's College London, UK)

NOTE: this session runs in parallel with [training workshops](#)

13:35 Panel debate and plenary discussion (part I)

14:35 *Coffee break and posters*

15:15 Plenary discussion (part II) and conclusions

Closing address

16:15 Closing address - Bart Bosveld (SETAC Europe, Belgium) & Peter Kille (EOS Director / Cardiff University, UK)

16:25 END