

ECETOC Scoping Meeting 2022 - 13 & 14 September 2022

Activity proposals to be pitched, discussed and voted upon include:

- Capacity development in industry and agencies on NAMs
- Cross-species extrapolation in regulatory hazard assessment
- Developing an Omics Data Interpretation Framework for regulatory application (ODIFRA) and associated outreach training materials
- Development of grouping approaches for persistence assessments
- Framework to facilitate the development of Safe and sustainable by design chemicals
- How can ecological (mechanistic effect) modelling support assessment of effects on biodiversity from exposure to chemicals?
- In silico/QSAR Tools – comprehensive review of applicability and applicability domains of the different tools
- Leveraging available experimental data to investigate the suitability of a default Activation energy for temperature correction of biodegradation rates
- Novel statistical approaches for improving exposure assessment models
- Omics data handling and analysis training program
- Quantitative validation of New Approach Methodologies (NAMs) across interdisciplinary data domains
- Rethinking validation of NAMs
- Towards a toolbox to estimate internal exposure of target tissues to complement new in vitro test systems and to increase their suitability for chemical safety assessments
- Towards an exposure-led programme for a step-change in human and environmental safety and sustainability assessment of chemicals Recommendations to stakeholders
- Towards a formal incorporation of predictive models in chemical hazard evaluation
- Understanding the Environmental Hazards of Bio-based and Circular-waste Chemicals
- Use of big data and AI technology to prevent occupational diseases