



24 and 25 November 2020 | Online Conference | Die Akademie Fresenius GmbH

11th International Conference “Endocrine Disruptors” +++ONLINE CONFERENCE+++



www.akademie-fresenius.com/2809

Programme

PLEASE NOTE: The indicated times refer to Central European Summer Time CET.

Tuesday, 24 November 2020

10:45 CET - Start of the Online Conference

Welcome address by the organisers and introduction by the Chairs

Lennart Weltje, BASF, Germany

Emily McVey, Board for the Authorisation of Plant Protection Products and Biocides (Ctgb), The Netherlands

11:00 CET - Regulatory Developments

Overview of the EFSA assessments for pesticide active substances following the implementation of the ECHA/EFSA Guidance on the hazard identification of endocrine disruptors.

Maria Arena, European Food Safety Authority, Italy

UK experience of the EU criteria and guidance to identify endocrine disruptors

- Information requirements for different regulatory regimes
- Criteria for pesticides and biocides
- Guidance – some key points
- Some examples of how the criteria and guidance have been applied to active substances

Helen McGarry, Health and Safety Executive, Chemicals Regulation Directorate (HSE/CRD), United Kingdom

Update on regulatory developments and research projects with a focus on human health

Phillip Marx-Stölting, Federal Institute for Risk Assessment, Germany

Industry perspectives on EATS assessments

- Technical guidance, tiered testing decision points and strategy considerations
- Timelines and testing capacity
- Addressing the T modality - Chemically induced thyroid tumors and species differences (ECPA funded review) - Data sufficiency for effects secondary to liver enzyme induction

Helen Tinwell, Bayer CropScience, France

Global requirements and practical implementation of the ED guidance – experiences and challenges

- Recent regulatory developments worldwide: Europe vs the Americas and Asia
- Dealing with the ED Guidance in practice: actives and co-formulant screening for biocides
- Hands-on implications and recommendations on a global scale

Martina Duft, knoell, Germany

13:45 CET - Lunch break





15:00 CET - Update – Human Health

In vitro - in vivo extrapolation of endocrine activities

Caroline Gomes and **Eric Fabian**, BASF, Germany

ECETOC Thyroid T4 Taskforce update: Exploring key questions around thyroid evaluations for regulatory decision making

- Activities of the ECETOC Thyroid T4 Taskforce
- Summary of the ECETOC expert meeting in November 2019
- Evidence for liver enzyme inducers to induce neurodevelopmental effects in humans
- In vivo alterations in developmental neurotoxicity endpoints with a focus on thyroid related changes

Bethany Hannas, Corteva, United States

AOPs and the potential of read-across of AOPs to non-mammals

- The ERGO project
- Cross-species extrapolation - bridging the gap between human toxicology and ecotoxicology
- The thyroid axis as case study

Dries Knapen, University of Antwerp, Belgium

17:00 CET - End of the first conference day

Wednesday, 25 November 2020

10:50 CET - Start of the second day of the online conference

Opening remarks for the second conference day by the Chairs

11:00 CET Update – Ecotoxicology

Update on Endocrine Disruption in Ecotoxicology – An Industry view

- Challenges resulting from the adoption of the guidance for the identification of endocrine disruptors - Interpretations of the guidance and testing strategies
- Questions and uncertainties around data sufficiency, interpretation and acceptance
- Ambiguities over the acceptance of read-across and weight of evidence approaches for non-target organisms
- Lack of existing data relevant to assess endocrine disrupting properties in non-target organisms

Tara Miller, Syngenta, United Kingdom

Endocrine Testing in Aquatic Vertebrates

- Short introduction to AMA (OECD 231) and FSTRA (OECD 229)
- Practical challenges
- Lessons we learned so far

Marysia Tobor-Kaplon, Charles River Laboratories Den Bosch, The Netherlands

Population effects on fish: The current status of ZEOGRT validation

- Status of the validation project
- Results from the present ZEOGRT data package
- Critical assessment of results and outlook

Matthias Teigeler, Fraunhofer Institute for Molecular Biology and Applied Ecology (IME), Germany





Population-relevance of adverse ED effects

Magnus Wang, WSC Scientific, Germany

13:00 CET - Lunch break

14:00 CET – Other Aspects

Environmental Assessment of pharmaceuticals with ED properties

- Environmental (risk) assessment of pharmaceuticals in Europe and the US
- Testing strategy
- Lessons learned

Daphne de Roode, Charles River Laboratories Den Bosch, The Netherlands

Plurality of Scientific Perspectives in Evaluating Endocrine Disruptors: from Stumbling Block to Opportunity

- Introduction to scientific controversies in the social sciences
- Distinction between different types of uncertainties (technical, methodological, epistemic and societal) and how a difference in tolerance of risk and uncertainty can feed into scientific controversies
- Case description: scientific debate around endocrine disruptors (EDs)

Anneaaike Leopold, Calidris Environment, The Netherlands

15:10 CET End of the Conference

Do you have any questions?



Programme and conceptual design

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