



IMPROVED METHODS FOR ASSESSMENT OF METABOLIC EFFECTS OF ENDOCRINE DISRUPTERS

Stakeholder workshop 24 April 2024

Wednesday 24 April 2024 at 9:00-12 CET

Online via [WEBEX](#)

Endocrine disruptors (EDs) are defined as exogenous chemicals that alter functions of the endocrine system, thereby causing adverse health effects in an organism or its progeny. These substances are also suspected of being related to the development of metabolic diseases such as obesity, fatty liver, high blood cholesterol and diabetes. However, validated methods to evaluate the metabolic effects of endocrine disruptors have been lacking for a long time. There is also a lack of a comprehensive understanding of the mechanisms by which these chemical compounds disrupt metabolic processes and can cause health impairments.

EDCMET arranges a stakeholder workshop on 24 April 2024, 9 -12 CET. The workshop is arranged as an online-only event.

In the workshop, the EDCMET speakers provide insight into the scientific achievements and the progress in method development. In addition, stakeholders share their perspectives on the work done in EDCMET.

We welcome representatives from research, regulatory authorities, industry, civil society and contract research organisations, policy makers as well as other experts working in the field of EDs.

See [EDCMET website](#) for possible updates on the programme.

9:00 Welcome and introduction

Albert Braeuning, German Federal Institute for Risk Assessment BfR

9:05 Overview of EDCMET

Anna-Liisa Levonen, EDCMET coordinator, University of Eastern Finland

9:20 Stakeholder perspective / EU Parliament

Sirpa Pietikäinen, Member of the European Parliament

9:35 Scientific results of EDCMET (15 min per presentation)

In silico methods to identify endocrine disrupting effects of chemicals
Nick Plant, work package leader, University of Leeds

In vitro and omics methods to assess metabolic effects of EDs
Rinie van Beuningen, work package leader, Pamgene

In vivo models for the assessment of metabolic effects of EDs
Jukka Hakkola, work package leader, University of Oulu

Population-based assessment of exposure to chemicals and ED-related metabolic effects
Arja Rautio, work package leader, University of Oulu

10:35–10:45 Break

10:45 Stakeholder perspective / PEPPER platform

Philippe Hubert, Director

11:00 Stakeholder perspective / EDCMET External Scientific Advisory Board

ESAB members Philip Marx-Stoelting, Nico P.E. Vermeulen and Olavi Pelkonen

11:20 General discussion

Albert Braeuning, German Federal Institute for Risk Assessment BfR

11:50–12 Wrap-up and concluding remarks

Anna-Liisa Levonen, EDCMET coordinator, University of Eastern Finland



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