



DIE AKADEMIE
FRESENIUS

Where Experts Meet!

17th International Akademie Fresenius Conference

Endocrine Disruptors

+++ HYBRID EDITION +++

12 and 13 November 2026
in Cologne/Germany
and via Live Stream

Highlights

Legislative Frameworks and Scientific Foundations

- The EU legislative framework for EDs and the evolving hazard versus risk debate
- Deriving threshold levels for endocrine-disrupting substances in the environment

Implementation Across Sectors

- Challenges arising from the updated ECHA CLP guidance and insights from the ECHA Stakeholder Workshop
- Practical experiences from pesticides, pharmaceuticals, and REACH
- Managing endocrine disruptor requirements across complex supply chains

Advanced Assessment Approaches

- Human relevance of endocrine effects: from animal data to regulatory conclusions
- Population relevance of endocrine effects in fish and amphibians

Future Testing Strategies and NAMs

- The European Commission's roadmap for phasing out animal testing
- Improving regulatory acceptance of NAMs via a qualification system
- Building Weight of Evidence with NAMs



The Experts

Becky Brown wca | **Katherine Clark** Arxada | **Thomas Gude** Independent Consultant | **Andrea Haase** German Federal Institute for Risk Assessment (BfR) | **Charles Hazlerigg** Enviresearch | **Adam Jonáš** REGARTIS | **Gregory Lemkine** Laboratoire Watchfrog | **Philip Marx-Stölting** German Federal Institute for Risk Assessment (BfR) | **Sam Maynard** AstraZeneca | **Emily McVey** Dutch National Institute for Public Health and the Environment (RIVM) | **Stephanie Melching-Kollmuss** BASF Agricultural Solutions Deutschland | **Dimitra Nikolopoulou** Greek Benaki Phytopathological Institute | **Katrin Schütte** European Commission | **Christine Walter** Regulatory Science Associates (rsa) | **Lennart Weltje** BASF Agricultural Solutions Deutschland

INSTITUT
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SGS

Thursday, 12 November 2026



Morning Session | 09:15 – 12:50 CET

08:45 On-site registration and opening of the virtual meeting room

09:15 Welcome address by the organisers and the Chairs

Emily McVey, National Institute for Public Health and the Environment (RIVM), The Netherlands

Lennart Weltje, BASF Agricultural Solutions Deutschland, Germany

ED Legislation and Hazard vs. Risk Approaches in the EU

09:25 The Demand for Risk Assessment Rather than Hazard Identification in Chemical Regulation

Philip Marx-Stölting, German Federal Institute for Risk Assessment (BfR), Germany

10:15 Deriving Endocrine Disruptor Predicted No Effect Concentrations (PNEC) for the Environment

- An overview of the approach taken to derive a PNEC for an ED substance with a focus on estrogen, androgen and steroidogenesis modalities
- PNEC derivation applied to case study substances 4-tert-octylphenol, nonylphenol, and ethinylestradiol (EE2)
- Discussion of considerations for deriving threshold levels for ED substances

Becky Brown, wca, United Kingdom

10:50 Coffee break

Implementation and Experiences Across Regulatory Sectors

11:20 Current Status of Implementing Endocrine Disruptor Requirements Across Major EU Regulations, Including the Challenges Related to CLP

- Status of ED implementation in PPPR, BPR, CPR, REACH, CLP and for pharmaceuticals
- Challenges from the updated ECHA CLP guidance related to ED and impact on the different sectors
- Insights from the ECHA Stakeholder Workshop on CLP classification for ED

Christine Walter, Regulatory Science Associates (rsa), United Kingdom

Timings are in Central European Time [CET](#).

11:55 ED Assessments in the Pesticides Area: Experience from Greece

- Implementation of the ECHA/EFSA endocrine disruptor guidance in pesticide assessments: experience and practical considerations from the Greek Competent Authority
- Integration of the evidence through Lines of Evidence and Weight of Evidence approaches, including mode-of-action analysis and biological plausibility
- Key challenges in addressing data-set sufficiency, targeted generation of additional data and waiving considerations

Dimitra Nikolopoulou, Benaki Phytopathological Institute, Greece

12:30 Discussion and wrap-up

12:50 Lunch break



Afternoon Session | 14:00 – 17:30 CET

14:00 Present and future perspectives on the environmental risk assessment of endocrine-active human pharmaceuticals

- Overview of the assessment practices for human pharmaceuticals
- Perspectives on the use of risk assessment for endocrine active pharmaceuticals
- Future considerations – from CLP guidance and new pharmaceuticals legislation, to animal testing phase out

Sam Maynard, AstraZeneca, United Kingdom

14:35 Endocrine disruptor assessment under REACH

- REACH specific issues and common challenges
- Data quality challenges in literature reviews
- Endocrine mechanisms and associated adverse effects

Adam Jonáš, REGARTIS, Czech Republic

15:10 Coffee break

15:40 Practical Experience and Scientific Challenges in the Endocrine Disruptor Assessments under the BPR

- Evolution of endocrine disruptor assessment under the BPR
- Human health and environmental assessment paradigms: similarities and differences
- Integrating mode of action, biological plausibility, and apical responses within a weight of evidence framework
- Interpreting complex aquatic datasets: confounding toxicity, histopathology, reproducibility
- Scientific uncertainties and future directions for endocrine disruptor assessment

Katherine Clark, Arxada, Switzerland



Information available online at: www.akademie-fresenius.com/endocrine

16:15 Practical Challenges: Managing ED Requirements Along Complex Supply Chains

- ED in the complex food contact material supply chain
- ED substances of “interest” – safety considerations: chemical versus biological assessment
- Analytical challenges for the determination of EDs
- Risk assessment responsibilities in the complex value chain

Thomas Gude, Independent Consultant, Germany

16:50 Panel discussion

17:30 End of the first conference day

18:30 Evening event



After the first conference day, you are most welcome to attend our evening event for a leisurely evening of good food and conversation. Please join us to continue the day's interesting discussions in a relaxed and comfortable atmosphere.

Timings are in Central European Time [CET](#).

Friday, 13 November 2026



Morning Session | 09:00 – 13:15 CET

09:00 Brief address by the Chairs

Emily McVey, National Institute for Public Health and the Environment (RIVM), The Netherlands

Lennart Weltje, BASF Agricultural Solutions Deutschland, Germany

Advanced Assessment Approaches

09:10 PBK Modelling of Thyroid Effects: From Rats to Humans

- Development of a PBK-QST model integrating species-specific regulation of TSH, thyroid hormone (T3/T4) synthesis, transport and clearance
- Model predictions based on kinetic data and comparative liver enzyme induction across species
- Interpretation of potential impacts on human thyroid hormone levels and implications for thyroid-mediated neurodevelopmental toxicity

Stephanie Melching-Kollmuss, BASF Agricultural Solutions Deutschland, Germany

09:45 Assessing Population Relevance of Endocrine Disrupting Effects in Fish and Amphibians: An Update from the SETAC MAPPED Workshops

- Consideration of EAS-modalities in fish and T-modality in amphibians
- Use of the pathway to harm concept and selection of focal species
- Review and recommendations for models: processes included, scenarios modelled, threshold for relevance
- Presentation of a modelling example

Charles Hazlerigg, Enviresearch, United Kingdom

10:20 Coffee break

Future Testing Strategies and NAMs

11:00 Roadmap for Phasing Out Animal Testing

Katrin Schütte, European Commission, Belgium (virtually)

11:35 From Lab to Life: Qualification as a Bridge to Fast-Track the Use of Animal-Free Methods in Risk Assessment

- Addressing the regulatory gap: The challenges of integrating non-standard approaches into risk assessment
- A proposed qualification system for improving regulatory acceptance of NAMs
- Nanomaterial risk assessment as a pilot application and proof of concept
- Stakeholder engagement and implementation pathway

Andrea Haase, German Federal Institute for Risk Assessment (BfR), Germany

12:10 The Use of NAMs to Build the Weight of Evidence: Regulatory Case Studies

- A case study on biocide from plant extract

Gregory Lemkine, Laboratoire Watchfrog, France

12:45 Panel discussion

13:15 Lunch and end of the conference

Registration

By web www.akademie-fresenius.com/endocrine
By email registration@akademie-fresenius.com

Participation Fee:

€ 1,995.00 plus VAT on-site in Cologne

Representatives of an authority or a public university are eligible for a reduced fee of **€ 895.00 plus VAT** per person (please provide evidence). The reduced fee cannot be combined with other rebates.

€ 1,195.00 plus VAT Live Stream

Representatives of an authority or a public university are eligible for a reduced fee of **€ 695.00 plus VAT** per person (please provide evidence). The reduced fee cannot be combined with other rebates.

If you are unable to attend, you can order the event documentation for **€ 295.00 plus VAT**.

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Do you have any questions?



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The Organisers

For more than 30 years, Akademie Fresenius has been your partner for practice-orientated training on all the latest topics surrounding the safety and quality of food, consumer goods and chemical products along the whole production chain. Our portfolio not only includes international conferences but also offers national trade meetings, intensive practical seminars and training in small work groups. Our events are designed to promote an active exchange amongst our participants and offer the perfect platform for bringing the industry, the scientific sector, the authorities and the consulting field together. Excellent service, all-inclusive. Our wide-ranging advanced training opportunities contribute to giving our customers the competitive edge in all quality assurance, risk assessment, legal, production and technical questions.

Akademie Fresenius is a joint venture between Carl Remigius Fresenius Education Group, one of the largest private and independent education groups in Germany, and SGS Institut Fresenius, one of the leading German providers of chemical laboratory analysis.

You can find details on upcoming and new events at www.akademie-fresenius.com

Who should attend this conference?

Professionals working in the fields of:

- ✓ Toxicology and ecotoxicology
- ✓ Registration and regulatory affairs
- ✓ Research and development
- ✓ Chemical risk assessment
- ✓ Legal and general counselling

Sectors that should take part:

- ✓ Chemical/biocide/agrochemical/pharmaceutical/cosmetic industries
- ✓ Research institutes
- ✓ Regulatory authorities
- ✓ Environmental and health risk consultants
- ✓ Testing laboratories and contract research organisations (CROs)
- ✓ NGOs

Conference Venue

Best Western Plus Hotel Köln City
Innere Kanalstraße 15, 50823 Köln
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We have reserved a limited number of rooms for our participants at reduced rates at the hotel. These rooms can be booked up to four weeks prior to the start of the event. Please book early and directly through the hotel quoting "Akademie Fresenius" as reference.

Terms of Participation and Purchase: The registration fee includes the participation in the event, event documentation, and, in the case of on-site events, lunch, coffee breaks, beverages as well as the evening event. You will receive written confirmation of your registration. Upon receiving our invoice, please transfer the amount due without further deductions before the event begins. The price of the event documentation includes the login details for the secure download section of our webpage where you will find the presentations in a pdf format. The login details will be sent to you via email after the event.

Group Reductions: For joint bookings received from one company we grant a 15% discount from the third participant onwards.

Terms of Cancellation: For our on-site events, written cancellations or transfers will be accepted free of charge up to four weeks prior to the start of the event. After this date and up to a week prior to the start of the event we will reimburse 50% of the registration fee. We cannot, unfortunately, provide refunds for later cancellations. For our online events, cancellations or rebookings to another event will be accepted free of charge up to one week before the start of the event. In the event of later cancellations or non-login to the online event, no participation fees can be refunded. In this case, however, you will receive access to the documentation download after the event.

Please note that you can name a substitute participant free of charge at any time.

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