



13th International Akademie Fresenius Conference

Endocrine Disruptors

+++ HYBRID EDITION +++

8 and 9 November 2022
in Cologne/Germany
and via Live Stream

Highlights

- Update from the EU Commission on Endocrine Disruptors-related activities concerning REACH and CLP
- The European Chemicals Agency ECHA on classification and labelling for EDs
- The German Federal Institute for Risk Assessment (BfR) on ED assessment for human health relevance under PPPR and BPR
- ED Assessment in the UK post EU Exit, differences to EU guidance
- Industrial chemicals and endocrine disruptors: REACH and CLP
- Using ToxCast and the CompTox Chemicals Dashboard as resources to access available endocrine information
- Optimisation of fish test guidelines for endocrine disruption
- Assessment of methodological issues related to VTG measurements in fish



The Experts

Lisa Baumann Heidelberg University | **Natalie Burden** NC3R – Reduction Refinement, and Replacement of Animals used in Research | **Judy Choi** Federal Institute for Risk Assessment (BfR) | **Daniela Fruth** knoell Germany | **Charles Hazlerigg** Enviresearch | **Heli Hollnagel** Dow Europe | **Laurent Lagadic** Bayer CropScience | **Anna Lanzoni** European Food Safety Authority (EFSA) | **Jo Little** Health and Safety Executive, Chemicals Regulation Division (HSE/CRD) | **Emily McVey** Board for the Authorisation of Plant Protection Products and Biocides (Ctgb) | **Kirsi Myöhänen**, European Chemicals Agency (ECHA) | **Andreas Natsch** Givaudan | **Grace Panter** CropLife Europe, wca environment | **Katie Paul Friedman** U.S. Environmental Protection Agency (EPA) | **Helen Tinwell** Bayer CropScience | **Lennart Weltje** BASF | **Jordane Wodli**, European Commission

Tuesday, 8 November 2022

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

Morning Session 09:30 – 13:10 CET

09:00 On-site registration & opening of the virtual meeting room

09:30 Welcome address by the organisers and the Chairs

Lennart Weltje, BASF, Germany

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

Regulatory Landscape

09:40 Update on Endocrine Disruptors-related activities concerning REACH and CLP

Jordane Wodli, European Commission, Belgium

10:15 Classification and labelling for EDs

Kirsi Myöhänen, European Chemicals Agency (ECHA), Finland

10:50 Industrial Chemicals and Endocrine Disruptors: REACH and CLP

Heli Hollnagel, Dow Europe, Switzerland

11:25 Coffee break

12:00 Update on ED-related activities

- Adverse outcome pathways (AOPs) for endocrine disruptors

Anna Lanzoni, European Food Safety Authority (EFSA), Italy (virtual presentation)

12:35 Evaluation of ED assessment for human health relevance under BPR and PPPR: Where are we now?

- Overview on the ED assessment review process under ECHA and EFSA
- Obstacles faced
- Lessons learned

Judy Choi, Federal Institute for Risk Assessment (BfR), Germany

13:10 Lunch break

Afternoon Session 14:30 – 17:35 CET

14:30 Endocrine disruptors assessment in the UK post EU Exit, differences to EU guidance

- Situation in the UK after the EU exit
- Differences to the EU guidance

Jo Little, Health and Safety Executive, Chemicals Regulation Directorate (HSE/CRD), United Kingdom

15:05 Endocrine Disruptors: experiences and challenges

- Timelines and bottle necks
- One substance, one assessment (different applicants under different regulations)
- Risk assessment for EDs – how to apply derogation criteria?
- National ED programmes
- Biocidal products including different opinions of MS

Daniela Fruth, knoell Germany, Germany

15:40 Coffee break

16:10 The no-threshold assumption for EDs: Are the „low-dose effects“ a reproducible scientific fact to guide regulatory toxicology?

Andreas Natsch, Givaudan, Switzerland

16:45 Using ToxCast and the CompTox Chemicals Dashboard as resources to access available endocrine information

- Overview of the estrogen and androgen related models (ToxCast Pathway Models and consensus QSARs)
- Available information and model for steroidogenesis, based on a high-throughput adaptation of the H295R assay
- Thyroid-relevant information in ToxCast

Katie Paul Friedman, U.S. Environmental Protection Agency (EPA), United States (virtual presentation)

17:20 Final Discussion

17:35 End of the first day

19:00 Joint evening event



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

 [Book now](#)



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

Wednesday, 9 November 2022

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

Morning Session 09:30 – 14:00 CET

09:30 Brief welcome by the chairs

Lennart Weltje, BASF, Germany

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

Thyroid

09:45 Optimisation of fish test guidelines for endocrine disruption

- Update from ongoing EU research activities: ERGO and iFEDT project
- The challenge to identify thyroid-specific adverse effects in fish
- Implementation of thyroid-related endpoints in existing regulatory guidelines with fish

Lisa Baumann, Heidelberg University, Germany

10:20 Thyroid: EDs and human health

Helen Tinwell, Bayer CropScience, France

10:55 Test designs for the assessment of thyroid activity and adversity in the African clawed frog *Xenopus laevis*

Laurent Lagadic, Bayer CropScience, Germany

11:30 Coffee break

Studies & Methodology

12:00 Fish population modelling of Endocrine Disruptors

- Population models and their use in ED assessments (ECHA / EFSA 2018)
- Parameterisation of this application of population models
- How to solve the challenge of using fish population models, chemical toxicity data and exposure profiles for use in a regulatory ED assessment

Charles Hazlerigg, Enviresearch, United Kingdom

12:35 Assessment of methodological issues related to VTG measurements in fish

Natalie Burden, NC3R – Reduction Refinement, and Replacement of Animals used in Research, United Kingdom

13:10 Anti-androgenicity in fish

- Uncertainties, raised over the sensitivity of endpoints in fish studies to detect anti-androgenicity
- Conservation of the androgen receptor between vertebrates and fish species
- Sensitivity of fish in in vitro and in vivo methodologies to consistently detect model anti-androgenic substances

Grace Panter, CropLife Europe, wca environment, United Kingdom

13:45 Final Discussion

14:00 End of the conference and Lunch

On-site and in person or digitally via our Live Stream – the choice is yours!

Reconnect with your network, meet old and new acquaintances – and just enjoy the on-site event in Cologne.

Should you have missed the opportunity to secure one of our on-site places or prefer not to travel, you can follow the contributions and discussions from the location of your choice: via our Live Stream!

Did you know? Our flexibility guarantee allows you to rebook for another date or another event at any time or to switch your booking from on-site to live stream (and vice versa).

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

Registration

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

Participation Fee:

€ 1,895.00 plus VAT on-site in Cologne

Representatives of an authority or a public university are eligible for a reduced fee of **€ 795.00 plus VAT** per person (please provide evidence). The reduced fee cannot be combined with other rebates.

€ 995.00 plus VAT Live Stream

Representatives of an authority or a public university are eligible for a reduced fee of **€ 495.00 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 25 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 Cognos, 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

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 and as soon as advance payment has been received.

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.

Who should attend this meeting?

Professionals working in the fields of:

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

Sectors taking part:

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

Conference Venue

Leonardo Royal Hotel Köln – Am Stadtwald
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E-Mail: info.koelnstadtwald@leonardo-hotels.com
www.leonardo-hotels.de

We have reserved a limited number of rooms for our participants at reduced rates at the hotel. These rooms can be booked up to six weeks prior to the start of the event. Please book early and directly through the hotel quoting "Akademie Fresenius" as reference.

Of course, participation via our Live Stream is also possible.

For changes of plans at short notice, you benefit from our **flexibility guarantee**: You can rebook for another date or another event at the same price at any time without additional costs. For our hybrid events, you can change your booking from on-site to live stream (and vice versa) at any time.

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