

23<sup>rd</sup> International Akademie Fresenius Conference

# Food Safety and Dietary Risk Assessment

+++ HYBRID EDITION +++

2 and 3 April 2025  
in Dusseldorf/Germany  
and via Live Stream

## Highlights

- AGES on key topics around MRLs: Acetamiprid, Cypermethrin and MRLs for non-approved substances
- IESTI Equation: discussions and way forward
- EFSA on the assessment of pesticide residues in rotational crops as well as challenges from an industry perspective
- EU Commission on recent advances in the EU's prospective cumulative risk assessment of pesticides
- ANSES on assessing the feasibility of the methodology proposed by EFSA for acute and chronic prospective cumulative risk assessment
- German BfR on the quantitative assessment of genotoxicity
- EFSA on the practical implementation of NAMs into the risk assessment of pesticide metabolites
- Potential impact of precision application (PA) on consumer risk assessment
- HSE on the UK approach to Codex Maximum Residue Levels (CXLs)

Come along for key updates and to meet your peers!



## The Experts

**Sina-Elisabeth Ben Ali** Austrian Agency for Health and Food Safety (AGES) | **Paul Brian** British Health and Safety Executive (HSE) | **Monika Bross** BASF | **Isabelle Christian** Bayer | **Janet Gamlin** Bayer | **Karsten Hohgardt** German Federal Office of Consumer Protection and Food Safety (BVL) | **Marc Kennedy** Fera Science | **Carsten Kneuer** German Federal Institute for Risk Assessment (BfR) | **Britta Michalski** German Federal Institute for Risk Assessment (BfR) | **Alexandra Mienné** French Agency for Food, Environmental and Occupational Health and Safety (ANSES) | **Silvia Nicolau Solano** European Commission | **Juan Parra Morte** European Food Safety Authority (EFSA) | **Hermine Reich** European Food Safety Authority (EFSA) | **Claire Stephenson** ADAMA | **Katoria Tatum-Gibbs** BASF | **Jacob van Klaveren** Dutch National Institute for Public Health and the Environment (RIVM) | **Petra Veit** BASF | **Anne Zwartsen** Dutch National Institute for Public Health and the Environment (RIVM)

# Wednesday, 2 April 2025

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

## Morning Session | 09:30 – 12:35 CEST

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

**09:30** Welcoming speech by the organisers and the Chairs

**Monika Bross**, BASF, Germany

**Britta Michalski**, German Federal Institute for Risk Assessment (BfR), Germany

The presentation slots include sufficient time for questions and answers.

**09:40** **Quantitative assessment of genotoxicity**

- Identifying thresholds for genotoxic substances
- Describing the mutagenic dose-response relationship and estimating health risk
- Assessing uncertainty in genotoxicity evaluations / how certain is certain enough?

**Carsten Kneuer**, German Federal Institute for Risk Assessment (BfR), Germany

## Guideline Updates

**10:15** **EFSA guidance on the assessment of pesticide residues in rotational crops**

- Circumstances which trigger the submission of rotational crops studies
- Important elements on study design
- Risk assessment and MRL setting for rotational crops

**Hermine Reich**, European Food Safety Authority (EFSA), Italy (virtually)

**10:50** **Challenges of rotational crop studies – an industry perspective**

- Necessary information and their availability
- Timeframe for new active substance registrations and use extensions
- Guideline requirements and their impact

**Petra Veit**, BASF, Germany

**11:25** Coffee break

## Maximum Residue Levels (MRLs)

**11:55** **Key topics around MRLs: current challenges and future developments**

- Update on Acetamiprid and Cypermethrin
- MRLs for non-approved substances

**Sina-Elisabeth Ben Ali**, Austrian Agency for Health and Food Safety (AGES), Austria

**12:30** **The UK approach to Codex MRLs**

- Engagement in the JMPR and CCPR
- Assessment of proposed draft CXLs
- Adoption of established CXLs in GB MRL applications

**Paul Brian**, Health and Safety Executive (HSE), United Kingdom

**13:05** Lunch break

## Afternoon Session | 14:00 – 17:10 CEST

## Dietary Risk Assessment and Evaluation of Metabolites

**14:00** **EFSA project "Practical implementation of NAMs into the risk assessment of pesticide metabolites"**

- Using the QSAR toolbox to better link IUCLID and MetaPath and to integrate in silico models
- Creating an automated workflow for mutagenicity assessment of pesticide metabolites
- Reducing experimental data requests by promoting alternatives to animal testing

**Juan Parra Morte**, European Food Safety Authority (EFSA), Italy (virtually)

**14:35** **MetaPath database – industry feedback**

- EFSA's database for residue data
- Legacy rat database

**Janet Gamlin**, Bayer, Germany on behalf of CropLife Europe (CLE)

**15:10** Coffee break

**15:45** **IESTI Equation – a Member State view**

- The start at the end of the last millennium
- Discussions thereafter and way forward

**Karsten Hohgardt**, German Federal Office of Consumer Protection and Food Safety (BVL), Germany

**16:20** **IESTI: insights from CropLife Europe perspectives**

- Potential impact of IESTI proposals on acute risk assessment
- Understanding the path forward: CLE questions and expectations

**Katoria Tatum-Gibbs**, BASF, USA on behalf of CropLife Europe

**16:55** Final discussion

**17:10** End of the first day

**18:15** Evening event



After the first conference day, you are most welcome to join us for a relaxed evening of great food and leisure time. We warmly invite you to take a short guided tour of the city with us, followed by dinner at Dusseldorf's oldest brewery "Im Goldenen Ring".

# Thursday, 3 April 2025

## Morning Session | 09:30 – 13:25 CEST

### 09:30 Brief address by the Chairs

**Monika Bross**, BASF, Germany

**Britta Michalski**, German Federal Institute for Risk Assessment (BfR), Germany

### 09:40 Potential impact of precision application (PA) on consumer risk assessment

- Introduction to the European Precision Application Task Force (EUPAF) and its dietary safety subteam
- Initial considerations on how to integrate precision application into risk assessment:
  - Will PA decrease consumer risk?
  - Is field data generation always needed?

**Isabelle Christian**, Bayer, France

## Cumulative Dietary Risk Assessment

### 10:15 Mock assessment: acute and chronic prospective cumulative risk assessment

- The tiered approach
- Main outcomes

**Alexandra Mienné**, French Agency for Food, Environmental and Occupational Health and Safety (ANSES), France

### 10:50 Coffee break

### 11:20 Recent advances in the EU's prospective cumulative risk assessment of pesticides

- Legal and policy context
- CRA methodology for MRL setting
- Future planned activities

**Silvia Nicolau Solano**, European Commission, Belgium

### 11:55 EFSA-RIVM collaboration to implement cumulative risk assessment methodology in MCRA

- Overview of developments in MCRA aligned with the regulatory process
- Overview of possibilities of prospective CRA for end-users
- Future perspectives

**Jacob van Klaveren**, **Anne Zwartzen**, National Institute for Public Health and the Environment (RIVM), The Netherlands

Timings are in  
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### 12:30 CropLife Europe testing of prospective dietary cumulative risk assessment using the standard regulatory actions in MCRA and views on future implementation

- Test series for retrospective and prospective dietary CRA using the available MCRA software and proposed methods
- Impact of key parameters and uncertainties in alternative settings
- Practical difficulties

**Marc Kennedy**, Fera Science, United Kingdom

**Claire Stephenson**, ADAMA, United Kingdom on behalf of CropLife Europe

### 13:10 Final discussion

### 13:25 Lunch and end of the conference

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

Connect with your peers and partners, network with old and new acquaintances – and just enjoy the on-site event in Dusseldorf.

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!



Your update on monitoring and analytical methods!

13<sup>th</sup> International Conference

## Pesticide Residues in Food

1 and 2 July 2025 | Dusseldorf and via Live Stream

[www.akademie-fresenius.com/prf](http://www.akademie-fresenius.com/prf)

# Registration

By web [www.akademie-fresenius.com/foodsafety](http://www.akademie-fresenius.com/foodsafety)  
By email [registration@akademie-fresenius.com](mailto:registration@akademie-fresenius.com)

## Participation Fee:

**€ 1,995.00 plus VAT** on-site in Dusseldorf

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**.

[www.akademie-fresenius.com/foodsafety](http://www.akademie-fresenius.com/foodsafety)

→ [Book now](#)



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## Do you have any questions?



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## The Organisers

For 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](http://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

## Who should attend this conference?

Professionals of the following sectors:

- Agrochemical industry
- Competent authorities, regulatory bodies and research institutes
- Consultancies
- Testing laboratories and contract research organisations (CROs)
- Professional associations

## Conference Venue

Novotel Düsseldorf City West  
Niederlasser Lohweg 179  
40547 Düsseldorf  
Phone: +49 211 52060-0  
[h3279@accor.com](mailto:h3279@accor.com)  
[www.accor.com](http://www.accor.com)

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.

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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