



DIE AKADEMIE
FRESENIUS

10% Early bird discount
Book before 7 October 2022!
Discount code 31FB12SMU12

Where Experts Meet!

7th International Akademie Fresenius Conference

Worker, Operator, Bystander and Resident Exposure and Risk Assessment

+++ HYBRID EDITION +++

13 and 14 December 2022
in Cologne/Germany
and via Live Stream

Highlights

The new EFSA OPEX Guidance 2022

- Greenhouse scenario
- Dislodgeable Foliar Residues (DFR), Dissipation Time (DT50), Transfer Coefficient (TC)
- New online calculator

Ongoing activities

- Seedtropex
- Seed treatment exposure assessment policy in the US
- Transition from hazard assessment to risk assessment in Brazil
- DFR meta-analysis
- Measured air concentrations of pesticides for the estimation of exposure to vapour

Modern PPP application techniques

- International risk assessment and mitigation initiative on hand-held application
- 3-dimensional field data for bystander and resident exposure in orchards
- Drift regulation in Europe
- Trends in application techniques
- Roadmap for a partnership approach to improve operator and worker safety in Europe

Challenges in risk assessment

- Challenges in human health risk assessment of PPP in the Northern zone
- Characteristics of the Central zone and first experience with the EFSA online calculator
- Southern zone perspective



The Experts

Imran Ali Swedish Chemicals Agency (KEMI) | **Udo Blaschke** CropLife Europe/BASF | **Neil A. Byron** Exponent | **Agathi Charistou** Benaki Phytopathological Institute (BPI) | **Jeffrey L. Dawson** U.S. Environmental Protection Agency (EPA) | **Edgars Felkers** CropLife Europe/Bayer Crop Science Division | **Fédérique Istace** European Food Safety Authority (EFSA) | **Marc Kennedy** Fera Science | **Paolo Marucco** University of Torino (UNITO) | **Alistair Morriss** Blue Frog Scientific | **Ágnes Pálovics** Hungarian National Food Chain Safety Office (NEBIH) | **Enrico Peter** German Federal Institute for Risk Assessment (BfR) | **Dirk Rautmann** Julius Kühn-Institut (JKI) | **Olivier Sanvido** Swiss State Secretary for Economic Affairs (SECO) | **Anugrah Shaw** University of Maryland Eastern Shore | **Adriana Torres de Sousa Pottier** Brazilian National Health Regulatory Agency (ANVISA)

INSTITUT
FRESENIUS

SGS

Tuesday, 13 December 2022

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

Morning Session 10:00 – 12:50 CET

- 09:30 On-site registration & opening of the virtual meeting room
- 10:00 Welcoming speech by the organisers and the Chair
Alistair Morriss, Blue Frog Scientific, UK

The presentation slots include sufficient time for questions and answers.

The new EFSA OPEX Guidance 2022

- 10:10 **The new EFSA OPEX Guidance 2022**
- Implementation of the greenhouse scenario for operators, workers, residents and bystanders
 - Review of crop and human parameters: DFR (dislodgeable foliar residues), DT50 (dissipation time), TC (transfer coefficient), inhalation rates, body surfaces
 - Development of a new online calculator with additional functionalities
- Frédérique Istace, European Food Safety Authority (EFSA), Italy (virtual presence)

Ongoing activities

- 11:10 **Finalised, ongoing and future projects in the field of non-dietary exposure to pesticides – an updated feedback from academia**
- Thoughts to how the activities might be used in a regulatory context, i.e. alongside other, similar work
- Paolo Marucco, University of Torino (UNITO), Italy
- 11:45 **Coffee break**
- 12:15 **Seedtropex – update from the taskforce**
- Marc Kennedy, Fera Science, UK
- 12:50 **Lunch break**

Afternoon Session 15:00 – 17:50 CET

- 15:00 **Update on the Brazilian perspective on pesticide occupational risk assessment**
- Adriana Torres de Sousa Pottier, Brazilian Health Regulatory Agency (ANVISA), Brazil (virtual presence)
- 15:35 **Update on seed treatment exposure assessment policy in the US**
- Updated ExpoSAC Policy January 2022
- Jeffrey L. Dawson, U.S. Environmental Protection Agency (EPA), USA
- 16:10 **Coffee break**
- 16:40 **Update on DFR meta-analysis**
- Udo Blaschke, CropLife Europe/BASF, Germany
- 17:15 **Measured air concentrations of pesticides for the estimation of exposure to vapour**
- Edgars Felkers, CropLife Europe/Bayer Crop Science Division, Germany
- 17:50 **End of the first conference 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/opex

Morning Session 10:00 – 12:35 CET

10:00 Welcoming address and opening remarks by the Chair

Neil A. Byron, Exponent, UK

Modern PPP application techniques

10:10 Field data for exposure of bystanders/residents towards spray drift during application of plant protection products in orchards

- Evaluation of the existing dataset used in risk assessment for residents and bystanders
- Update of existing data, refinement options like the use of drift-reducing technology
- Initial experiments to gather data and preliminary results

Enrico Peter, German Federal Institute for Risk Assessment (BfR), Germany

10:45 Roadmap for a partnership approach to improve operator and worker safety in Europe

- Guidelines for risk mitigation (e.g. harmonised PPE recommendations for different spraying scenarios)
- Color-coding and consistent communication to farmers
- Constraints to the use of PPE

Olivier Sanvido, State Secretary for Economic Affairs SECO, Switzerland

11:20 Coffee break

11:50 Drift regulation in Europe and trends in application techniques

Dirk Rautmann, Julius Kühn-Institut (JKI), Germany

12:35 Lunch break

Afternoon Session 14:00 – 16:20 CET

14:00 An international risk assessment and mitigation initiative on hand-held application commonly used in low- and middle-income countries (LMIC)

Anugrah Shaw, University of Maryland Eastern Shore, USA (virtual presence)

Challenges in risk assessment

14:35 Challenges in human health risk assessment of PPP in the Northern zone

Imran Ali, Swedish Chemicals Agency (KEMI), Sweden

15:10 Central zone perspective

- Characteristics of the Central zone and first experiences with the EFSA Online Calculator, some special cases of risk mitigation

Ágnes Pálovics, National Food Chain Safety Office (NEBIH), Hungary

15:45 Southern zone perspective

Agathi Charistou, Benaki Phytopathological Institute (BPI), Greece

16:20 End of the conference

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).

Media Partner:



**Chemical
Watch**
an **ehesa**. company



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

 [Book now](#)

Registration

By web www.akademie-fresenius.com/opex
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**.

www.akademie-fresenius.com/opex

→ [Book now](#)



DIE AKADEMIE
FRESENIUS

Hotline +49 231 75896-50
Die Akademie Fresenius GmbH
Alter Hellweg 46, 44379 Dortmund

Do you have any questions?



Sabine Mummenbrauer
Phone: +49 231 75896-82
smummenbrauer@akademie-fresenius.de

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 conference?

Professionals of the following sectors:

- Agrochemical industry
- Research institutes
- Authorities (agricultural inspection offices, registration and control authorities)
- Professional associations
- Contract laboratories

Conference Venue

Park Inn by Radisson Köln City West
Innere Kanalstraße 15
50823 Köln
Phone: +49 221 5701-0
E-Mail: info.colognecitywest@parkinn.com
www.parkinn-hotel-koeln.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.

General Terms and Conditions: By registering, you agree to our General Terms and Conditions as well as to our Privacy Policy. You can find our GTC on the internet (www.akademie-fresenius.com/general-terms) or receive them on request.

Personal Data: The Akademie Fresenius will keep your data for the purpose of organising this event. We will under no circumstances use your data for commercial trade purposes. By registering for this event, you consent to our occasionally contacting you by mail, email or phone in order to provide you with further information from our company. You can, of course, withdraw your consent whenever you wish. At our on-site events, occasionally, we go around taking photos and videos which are then published anonymously on our website. During our online events, image and sound content is transmitted, which may originate from the speakers and from the participants. By registering, you agree that this content may be transmitted within the virtual event space. All participants are prohibited from recording this content. Further information can be found at: www.akademie-fresenius.com/dataprotection.

Picture Credit: © PL.TH – Fotolia.com