DIE AKADEMIE FRESENIUS

Where Experts Meet!

9th International Akademie Fresenius Conference

Worker, Operator, Bystander and Resident Exposure and Risk Assessment

+++ HYBRID EDITION +++



8 and 9 December 2026 in Dusseldorf/Germany

Highlights

Regulatory frameworks and Member State perspectives
- Member State experience in non-dietary exposure
- Northern Zone risk assessment challenges

Bystander and resident safety
- Post-market monitoring in France
- Large-scale exposure studies
- Drone vs. conventional applications

DFR, TC, DT50, and worker safety
- Advances in dislodgeable foliar residues (DFR) modelling
- Standardisation and regulatory aspects
- In-silico prediction and meta-analysis

Activities beyond Europe
- Brazilian exposure guidance and tools
- ProHuma modelling work

Operator safety
- Global risk assessment tools (ICPPE)
- New operator exposure models
- Handheld and precision applications

New technologies and exposure assessment methods
- Drift-reduction and testing
- Drone applications

Human factors and dermal exposure
- PPE behaviour
- Contact allergy relevance
- Default dermal absorption values

The Experts

Agathi Charistou Benaki Phytopathological Institute (BPI) | **Edward Chikwana** Corteva Agriscience | **Katharine Childs** Health and Safety Executive Chemicals Regulation Division | **Giovanni Fabrizi** Italian Institute for Insurance against Accidents at Work (INAIL) | **Edgars Felkers** Bayer Crop Science Division | **Claudia Großkopf** German Federal Institute for Risk Assessment (BfR) | **Felix M. Kluxen** BASF | **Sebastian König** Swiss Federal Food Safety and Veterinary Office (FSVO) | **Valia Laskari** Benaki Phytopathological Institute (BPI) | **Neil Morgan** Syngenta | **Alistair Morriss** Corteva Agriscience | **Fabiana Cremaschi Palma** Instituto ProHuma de Estudos Cientificos | **Olivier Sanvido** Swiss State Secretariat for Economic Affairs (SECO) | **Andre Sarti** Syngenta | **Simon Schmid** SECO | **Anugrah Shaw** University of Maryland Eastern Shore | **Antero Silva** Swedish Chemicals Agency (KEMI) | **Adriana Torres de Sousa** Brazilian Health Regulatory Agency (ANVISA) | **Jens Karl Wegener** Julius Kühn-Institut (JKI) – Federal Research Centre for Cultivated Plants | **Ohri Yamada** French Agency for Food, Environmental and Occupational Health and Safety (ANSES)

INSTITUT FRESENIUS

SGS

Tuesday, 8 December 2026

Timings are in
Central European Time CET.

Morning Session | 09:50 – 12:50 CET

09:20 On-site registration & opening of the virtual meeting room
09:50 Welcoming speech by the organisers and the Chair

Alistair Morriss, Corteva Agriscience, UK

The presentation slots include sufficient time for questions and answers.

Regulatory frameworks & Member State perspectives

10:00 Swedish perspective: Challenges in health risk assessment of PPPs

Antero Silva, Swedish Chemicals Agency (KEMI), Sweden

10:35 EU Member State experience in non-dietary exposure assessment for pesticides

Agathi Charistou and **Valia Laskari,** Benaki Phytopathological Institute, Greece

11:10 Coffee break

DFR, TC, DT50 & worker safety

11:40 Update on dislodgeable foliar residues (DFR) and regulatory implications for plant protection products

- In silico prediction developments
- DFR meta-analysis results
- Methodology standardisation

Edward Chikwana, Corteva Agriscience, USA

Bystander & resident safety

12:15 Post-market monitoring of plant protection products in France: Evidence for bystander and resident safety

- 10 years of phytopharmacovigilance
- Results from the PestiRiv study

Ohri Yamada, French Agency for Food, Environmental and Occupational Health and Safety (ANSES), France

12:50 Lunch break

Afternoon Session | 14:00 – 17:30 CET

International and European developments

14:00 Advancing non-dietary pesticide risk assessment in Brazil: Regulatory developments and implementation experiences

Adriana Torres de Sousa, Brazilian Health Regulatory Agency (ANVISA), Brazil

14:35 Development of guidelines on non-dietary exposure

- The Brazilian avaliAR calculator for estimating occupational and resident and bystander exposure
- Technical cooperation between ANVISA and the ProHuma Institute

Fabiana Cremaschi Palma, Instituto ProHuma de Estudos Cientificos, Brazil and **Andre Sarti,** Syngenta, Brazil

15:10 Coffee break

15:40 Update from EFSA

Representative from EFSA, Italy (invited)

Human factors & dermal exposure

16:15 Personal protective equipment: why we should wear it but often don't – a new behavioural approach to overcoming personal barriers

Olivier Sanvido, Swiss State Secretariat for Economic Affairs (SECO), Switzerland

16:35 Contact allergy and pesticides: Still clinically relevant or only a historical problem?

Simon Schmid, Swiss State Secretariat for Economic Affairs (SECO), Switzerland

16:55 Development of default dermal absorption values for a global operator exposure model

Neil Morgan, Syngenta, UK

17:30 End of the first conference day
18:30 Joint evening event



After a visit to Dusseldorf's Christmas market, you are warmly invited to join our evening event for a relaxed and enjoyable time. Unwind with seasonal specialties while continuing the day's engaging discussions in a festive and comfortable atmosphere.

Book now

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

Wednesday, 9 December 2026

Timings are in
Central European Time CET.

Morning Session | 08:50 – 13:30 CET

08:50 Welcoming address and opening remarks by the Chair

Neil Morgan, Syngenta, UK

Operator safety

09:00 Developing a new global operator exposure model for handheld spray applications

Claudia Großkopf, German Federal Institute for Risk Assessment (BfR), Germany

09:35 Update on the ICPPE initiative and global operator risk assessment and mitigation tool

Anugrah Shaw, University of Maryland Eastern Shore, USA

10:10 EUPAF – considerations for non-dietary risk assessments for precision applications

- 2D and 3D crops
- Case studies and proposals

Edgars Felkers, Bayer Crop Science Division, Germany and European Precision Application Task Force (EUPAF)

10:45 Coffee break

New technologies & methods

11:15 From drift-reduction testing to exposure assessment: Advances in testing and regulatory use of drift-reducing technologies

Jens Karl Wegener, Julius Kühn-Institute (JKI) – Federal Research Centre for Cultivated Plants, Germany

11:35 Dermal absorption of dried residues

Felix M. Kluxen, BASF, Germany

11:55 UASS spraying operations – insights from the HSE drone operator survey

Katharine Childs, Health and Safety Executive Chemicals Regulation Division (HSE CRD), UK

12:15 Resident and bystander exposure following plant protection treatments with drones

Sebastian König, Federal Food Safety and Veterinary Office (FSVO), Switzerland

From science to practice

12:35 Italian situation

Giovanni Fabrizi, Italian Institute for Insurance against Accidents at Work (INAIL), Italy

12:55 Round-table discussion on technologies, methods and implementation

13:30 Lunch and end of the conference

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

Connect with your clients 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!

International Conference

Digital Agriculture: Regulatory and Scientific Aspects of Precision Agriculture

17 and 18 November 2026 | Cologne and via Live Stream

www.akademie-fresenius.com/digitalagriculture

Registration

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

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

DIE AKADEMIE FRESENIUS

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/opex

Book now

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 of the following sectors:

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

Conference Venue

Novotel Düsseldorf City West
Niederkasseler Lohweg 179
40547 Düsseldorf
Phone : +49 211 52060-0
Email: h3279@accor.com
https://all.accor.com/hotel/3279

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.

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

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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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.

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