Worker, Operator, Bystander and Resident Exposure and Risk Assessment

1 and 2 December 2020 in Mainz/Germany

Highlights

• On-going revision of the EFSA Guidance
  - EFSA Operator Exposure Guidance
  - Seed treatment operator exposure (SeedTROPEX) model
  - Re-entry exposure data in vineyards
  - Bystander/resident exposure associated with airblast applications
  - AHETF (Agricultural Handlers Exposure Task Force) seed treatment database

• Dermal absorption of active substances
  - Dermal absorption to dry foliar residues

• Metabolites and impurities
  - Risk assessment for metabolites and relevant impurities for non-dietary exposures

Ongoing activities

• Use and application of ARTF (Agricultural Re-entry Task Force) data
• DFR (Dislodgeable Foliar Residue) meta-analysis
• Determination of hidden safety factors in non-dietary risk assessment

Pesticides and epidemiological studies

• The use of epidemiological data and the organophosphates (OP) and pyrethroids

Modern PPP application techniques

• Operator and worker safety
• New application technologies

Challenges in risk assessment

• Northern, Central and Southern zone perspective

The Experts

The Programme

+++ Current information +++
You are asking yourself, whether to book this conference right now? We are monitoring the situation carefully and regularly, and the health and safety of our speakers, participants and staff is our number one priority.
If the circumstances do not allow for an on-site meeting, we will change the conference into a virtual meeting.

Tuesday, 1 December 2020

8.30  Registration and coffee

9.00  Welcoming speech by Akademie Fresenius and the Chairs
Alistair Morriss, Blue Frog Scientific and Neil A. Byron, Exponent, UK

On-going revision of the EFSA Guidance

9.10  EFSA Operator Exposure Guidance
Tamara Coja, Austrian Agency for Health and Food Safety (AGES), Austria

9.35  SeedTROPEX – update from the taskforce
Neil A. Byron, Exponent, UK

10.00  AHETF (Agricultural Handlers Exposure Task Force) seed treatment database
Jeffrey L. Dawson, U.S. Environmental Protection Agency (EPA), USA

10.25  Panel discussion
10.55  Coffee break

11.25  Bystander/resident exposure to spray drift from airblast applications in vineyards and orchards
Catherine Wesley, HSE Chemicals Regulation Division (CRD), UK

11.50  Update on re-entry exposure data in vineyards
Alan MacDonald, HSE Chemicals Regulation Division (CRD), UK

Dermal absorption of active substances

12.15  Dermal absorption to dry foliar residues
• EFSA guidances on non-dietary exposure and dermal absorption
• Development of a methodology specifically for carrying out dermal absorption studies for dried residues
• A proposal for exposure based dose setting
Neil Morgan, Syngenta, UK

12.40  Panel discussion
13.10  Lunch

Metabolites and impurities

14.40  Thoughts on risk assessment for metabolites and relevant impurities for non-dietary exposures: Examples
Tamara Coja, Austrian Agency for Health and Food Safety (AGES), Austria

Ongoing activities

15.05  Use and application of ARTF (Agricultural Reentry Task Force) data
Jeffrey L. Dawson, U.S. Environmental Protection Agency (EPA), USA

15.30  DFR (Dislodgeable Foliar Residue) meta analysis
Udo Blaschke, BASF, Germany

15.55  Panel discussion
16.25  Coffee break

16.55  Determination of hidden safety factors in non-dietary risk assessment: Worker exposure as an example
Jenny Baumann, Bayer Crop Science Division, Germany
Pesticides and epidemiological studies

17.20 The use of epidemiology data and the organophosphates (OP) and pyrethroids
Christian Strupp, Gowan Crop Protection, UK

17.45 Panel discussion
18.15 End of the first conference day and dinner
19.30 Evening event

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Challenges in risk assessment

11.20 Northern zone perspective: Specific requirements for PPP risk assessment
Mia Kjærstad, Danish Environmental Protection Agency (EPA), Denmark

11.45 Central zone perspective
• How to assess the operator, worker and bystander/resident exposure in greenhouses, walk-in tunnels and other half-open protective structures
• Assessment of non-professional users in protected crops
Cindy de Jongh, Ctgb – Board for the Authorisation of Plant Protection Products and Biocides, The Netherlands

12.10 Southern zone perspective: Non-dietary exposure assessment in RAR/DAR vs the assessment conducted for the authorisation at zonal/Member State level
Agathi Charistou, Benaki Phytopathological Institute, Greece

12.35 Panel discussion
13.10 Lunch and end of the conference
The Experts

Jenny Baumann is a Human Safety Manager at Bayer Crop Science Division in Monheim. She has gained broad experience in human exposure and risk assessment as well as toxicology in the past years.

Udo Blaschke is the Team Leader Global Operator and Worker Exposure at BASF in Limburgerhof with a PhD in biology. He has more than 25 years of experience in the crop protection industry.

Neil A. Byron is working as the Head of the Human Health Group (Europe) in Exponent UK’s Center for Chemical Regulation and Food Safety. Prior to joining Exponent he was with the UK’s CRD for 18 years. He is a human exposure assessment specialist, having over 20 years of experience in exposure and risk assessment of PPP.

Agathi Charistou is a Regulatory Toxicologist in the Laboratory of Toxico-logical Control of Pesticides at the Benaki Phytopathological Institute in Greece with long experience in the evaluation of mammalian toxicology studies and non-dietary exposure assessment to both plant protection products and biocides.

Tamara Coja is a Biologist and has been working as a Senior Regulatory Toxicologist at the Austrian Agency for Health and Food Safety (AGES) in Vienna. Since 2007 she has been involved in toxicological evaluation of pesticides. Since 2018 she is a member of the EFSA PPR Panel and joined working groups.

Jeffrey L. Dawson worked as the Acting Deputy Director in the Health Effects Division in the Office of Pesticide Programs. In 2018 he became an Acting Division Director in the group which is responsible for completing risk assessments for chemicals which are not pesticides under the TSCA law. Since 2019 he has been the Acting Senior Scientist in the Office of the Director in the Office of Pesticide Programs.

Cindy de Jongh is a Scientific Assessor Human Toxicology (ERT) at the Dutch Board for the Authorisation of Plant Protection Products and Biocides (Ctgb). Eight years ago she joined Ctgb and she works on the assessment of plant protection products and active substances on a daily basis.

Pierre-Henri Dubuis is a Phytopathologist in the Research Group Mycology and Biotechnology of Agroscope in Switzerland. He is the expert in charge of the efficacy evaluation of fungicides for viticulture within the plant protection products registration for Switzerland.

Mia Kjærstad holds a PhD in environmental medicine and is working as a Toxicologist at the Danish Environmental Protection Agency (EPA) in the field of human health assessment of PPP and active substances. She is a member of the Northern zone toxicology group.

Alan MacDonald is a Non-Dietary Human Exposure Specialist at the UK Chemicals Regulation Division. He has worked for HSE’s CRD since 1995, mostly as a specialist assessing human non-dietary exposure and risk for pesticides and biocides.

Neil Morgan has been working as a Senior Technical Expert in Operator Risk Assessment at Syngenta UK for over 7 years, having previously worked for the UK Chemicals Regulation Division (CRD). He is a member of the ECPA OBEEG and has collaborated with the ECPA DAPT.

Alistair Morriss is working as a Principal Consultant at Blue Frog Scientific in UK. Prior to joining Blue Frog Scientific in 2019, he was a Risk Assessor in the human health assessment team at Corteva Agriscience (the agricultural division of Dow AgroScience) in UK. He joined Dow AgroSciences in 2010.

Dirk Rautmann is the Deputy Head of the Institute for Application Techniques in Plan Protection at the Julius Kühn-Institut in Braunschweig. Since 1987 he has been working on all aspects of plant protection equipment, drift and drift reduction, dust drift from sowing machines and seed treatment.

Markus Röver is a Scientific Officer at the Federal Office of Consumer Protection and Food Safety in Braunschweig, Department for Plant Protection Products, Unit “Health”. Since 2005 he has been working as a Risk Manager.

Christian Strupp is a Global Corporate Toxicologist (ERT) at Gowan Crop Protection in UK.

Catherine Wesley is the Interim Acting Head of the Exposure Team at the UK Chemicals Regulation Division. Catherine has worked for HSE’s CRD since 2015 as a specialist assessing human non-dietary exposure and risk for pesticides and biocides.
Who do you meet?

**Groups that should take part:**
Managing directors, boards of directors, managers, consultants and scientists in the fields of
- Research & development
- Human exposure & risk assessment
- Toxicology
- Registration
- Marketing & distribution
- Product stewardship & responsible care
- Human/Consumer safety – crop protection

**Sectors that should take part:**
- Agrochemical industry
- Research institutes
- Authorities
- Professional associations
- Contract laboratories

Trade Exhibition

Our conference provides you with the opportunity of presenting your company in a trade display. Present your products and services and reach out to your specific target groups. We would be happy to provide you with information on all the various options available – from displaying product information to an exhibition stand – with no further obligation on your part.

Use the attached fax reply sheet to request our information material.
Or simply call us. We would be more than pleased to assist you personally.

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The Organisers

For 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

Do you have any questions?

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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.

### Participation
- I would like to take part in the 6th International Akademie Fresenius Conference „Worker, Operator, Bystander and Resident Exposure and Risk Assessment“, 1 and 2 December 2020 in Mainz/Germany.
  Fee: €1,895.00 plus VAT.
- I am a representative of an authority or a public university and therefore eligible for a reduced fee of €795.00 plus VAT (please provide evidence).
  The reduced fee cannot be combined with other rebates.
- I would like to take part in the evening event on 1 December 2020 (included in the above price).

### Event Documentation
- Unfortunately, I am unable to attend. Please send me the complete documentation for €295.00 plus VAT.

### Trade Exhibition
- Please send me information on available options for trade exhibition and presenting product information.

### Terms of Participation and Purchase
The registration fee includes the event participation, event documentation, 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 a hard copy of the documentation as well as an access code to the secure Akademie Fresenius download area. Both the documents and the secure access code will be dispatched around two weeks 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
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.

Please note that you can name a substitute free of charge 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.

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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. In signing this form you consent to our occasionally contacting you by mail, email, fax or phone (please strike through if unwanted) in order to provide you with further information from our company. You can, of course, withdraw your consent whenever you wish. Occasionally we go around taking photos and videos at our events. These are then published anonymously on our website. Further information can be found at: www.akademie-fresenius.com/dataprotection.

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