Food Safety and Dietary Risk Assessment

4 and 5 April 2017
in Cologne/Germany

Highlights
Assessment of toxicologically-relevant metabolites
• Overview of the new guidance document on the residue definition for dietary risk assessment
• Industry perspective of the EFSA guidance document

IESTI equation and MRL setting
• How the Regulation (EC) No 396/2005 is implemented (procedural steps, crops, actors)
• Impact of a revised IESTI equation on the European MRLs and consumer safety

Cumulative risk assessment
• The future of risk assessment and toxicity testing for chemical mixtures
• Proposals to conduct manageable cumulative risk assessments

Consumer safety
• Residue level in pollen and bee products – problems to be solved
• New techniques for epidemiology in risk assessment for food safety

Trading challenges
• EU farmers facing challenges in meeting market demands
• Third (developing) country perspective on the EU’s Regulation on pesticide residues

The Experts
The Programme

Get-Together on Monday, 3 April 2017
Will you arrive on Monday? Come to the hotel bar at 8 p.m. and meet other participants and experts in a relaxed atmosphere.

Tuesday, 4 April 2017

9.00 Registration and coffee
9.30 Welcome address by Akademie Fresenius and introduction by the Chair
Dieter Schrenk, University of Kaiserslautern, Germany

Toxicologically-relevant metabolites

9.40 Overview of the new guidance document on the residue definition for dietary risk assessment
• Why new guidance?
• Assessment modules
• Refreshed concepts and new approaches
• Stakeholder feedback
• Activities to facilitate application
Anja Friel, European Food Safety Authority (EFSA), Italy

10.10 How to decide on the relevance of metabolites
• Shortcomings of current procedure and future advancements
• Role of exposure estimates
• Tox burden calculation
Thomas Kuhl, German Federal Institute for Risk Assessment (BfR), Germany

10.40 Coffee break

11.10 Evaluation of the toxicological relevance of pesticide metabolites for dietary risk assessment
• The JMPR assessment scheme
• Considerations of toxicology and exposure
• Recent examples using the procedure
• Lessons learnt
Alan R. Boobis, Imperial College London, United Kingdom

11.40 An industry perspective of the EFSA guidance document
• An industry overview of the interpretation and impact of the guidance document
• Industry proposals and recommendations to facilitate the application of the guidance document
Dee Clarke, Syngenta, United Kingdom

12.10 Panel discussion
12.40 Lunch

14.00 Regulation 396/2005: an overview of its implementation and current and future opportunities for improvement
• How the Regulation (EC) No 396/2005 is implemented (procedural steps, crops, actors)
• The main current and future challenges
Roberto Manos, European Commission, DG SANTE, Belgium

14.30 Impact of a revised IESTI equation on the European MRLs and consumer safety
Nicolas Breysse, French Agency for Food, Environmental and Occupational Health and Safety (ANSES), France

15.00 Panel discussion
15.30 Coffee break

16.00 A long and winding road – products, actives and MRLs: a Member State’s view
• Product assessment (at zonal level): chronic risk assessment and dietary burden calculation
• MRL setting vs product assessment (procedural way forward)
• Impact of the new guidance document for residue definition on product assessment
• Residue evaluation of substances for renewal of approval
Christian Prohaska, Austrian Agency for Health and Food Safety (AGES), Austria

16.30 Progress and current issues in the pesticide registration system in Japan
• Modernisation of pesticide registration system
• Developments: MHLW and MAFF
Yukiko Yamada, Ministry of Agriculture, Forestry and Fisheries, Japan

17.00 Panel discussion
18.00 End of the first conference day

19.00 Departure time for the evening event

After the first conference day Akademie Fresenius would like to invite you to a leisurely evening in Cologne. You have the opportunity of better getting to know other participants you met during the day over a relaxed meal.
Wednesday, 5 April 2017

8.30  Welcome address by the Chair
Monika Bross, BASF, Germany

Cumulative risk assessment

8.40  The future of risk assessment and toxicity testing for chemical mixtures
• Implementation of mixture risk assessment in European regulation, while further research is still needed
• Issues relevant for harmonisation
• EU Member States and international cooperation
Bernadette Ossendorp, National Institute for Public Health and the Environment (RIVM), The Netherlands

9.10  Proposals to conduct manageable cumulative risk assessments
• Grouping should be based on adverse and human relevant lead toxic effects
• Ideas on prioritisation of cumulative risk assessments
• How to assess more realistic situations?
Stephanie Melching-Kollmuss, BASF, Germany

9.40  Scientific basis for cumulative risk assessment
• Risk characterization of mixtures: independent action, dose-addition and mode-of-action
Wolfgang Dekant, University of Würzburg, Germany

10.10 Panel discussion
10.40 Coffee break

Consumer safety

11.10  Residue levels in pollen and bee products – problems to be solved
• Bee products to be covered
• Active substances to be covered
• Kind of studies to be performed
Karsten Hohgardt, Federal Office of Consumer Protection and Food Safety (BVL), Germany

11.40  New techniques for epidemiology in risk assessment for food safety
• Review of new methodologies to explore food purchases and dietary intake
• The potential of web-based tools and apps for measuring diet
• Limitations and further work for usability testing, validation and ethical issues
• New approaches in detection of real time food safety issues
Janet Cade, University of Leeds, United Kingdom

12.10 Panel discussion

Trading challenges

12.40  EU farmers facing challenges in meeting market demands
• Going beyond legal requirements
• Sustainability is a three pilar construction – people-planet-profit – also for farmers
• Evolution and innovation is key for the future
Luc Peeters, Copa-Cogeca, Belgium

13.10  Third (developing) country perspective on the EU’s Regulation on pesticide residues
• Pesticides approvals review programme
• Setting of default MRL for non-approved pesticides
Sarvesh Rai, Indian Embassy, Belgium

13.40  Panel discussion and closing remarks by the Chair
14.10 Lunch buffet and end of the conference

Information available online at: www.akademie-fresenius.com/2384
The Experts

Alan R. Boobis is Professor of Biochemical Pharmacology at Imperial College London and Director of the Public Health England Toxicology Unit. He has been a member of the EFSA PPR Panel and the Panel on Contaminants in the Food Chain. He is co-chair of the Joint FAO/WHO Meeting on Pesticide Residues, chair/vice-chair of the Joint FAO/WHO Expert Committee on Food Additives (residues of veterinary drugs) and chair of the UK Committee on Toxicity.

Nicolas Breyssse has been for 8 years in charge of pesticide risk assessment for consumer safety in the Regulated Products Directorate of the French Agency for Food, Environmental and Occupational Health Safety. He is involved in the processes of active substances approval, plant protection products registration and MRLs setting and review, as well as in working groups on the revision of guidelines (EU or OECD) for pesticide risk assessment for consumer safety.

Monika Bross has been working at BASF Agricultural Center in Limburgerhof for more than 20 years. Within BASF she has been involved in all types of residue and metabolism studies, but also in dietary exposure assessment and the preparation of submission documents to authorities (EU, US, JMPR). Monika is chairing the ECPA Residue Expert Group and is member of related ad-hoc teams on dietary exposure assessment and cumulative assessment.

Janet Cade leads the Nutritional Epidemiology Group at the University of Leeds. She serves on the UK Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (COT). She was the first Registrar for the Association for Nutrition. Her group is developing a new WHO Collaborating Centre in Nutritional Epidemiology.

Dee Clarke has been working within the crop protection industry for more than 25 years, starting in residue chemistry and latterly in dietary risk assessment. She is currently Group Leader for Consumer Safety at Syngenta and member of the ECPA Residue Expert Group.

Wolfgang Dekant is Professor of Toxicology at the University of Würzburg and has a track record of research on the biotransformation of xenobiotics and studies related to interactions of biologically reactive intermediates with cellular macromolecules and function.

Anja Friel is a Senior Scientific Officer in EFSA’s Pesticides Unit since 2004, which she joined after having worked in the Pesticides Safety Department at the BfR. Her expertise is in the behaviour of pesticides residues and in dietary exposure and risk assessments of chemicals.

Karsten Hohgardt is Head of the Unit responsible for risk management in the field of toxicology and residue behaviour at BVL. Since 2006 he has also been Deputy Head of Department “Plant Protection Products”. His main experience lies in MRL setting and residue behaviour.

Thomas Kuhl is Senior Scientific Officer in the Pesticides Safety Department of BfR with scientific background in agronomy, soil science and toxicology. He is a member of EFSA’s PPR Panel since 2012 and chaired the Working Group on Guidance on the establishment of the residue definition for dietary risk assessment.

Roberto Manos graduated in Veterinary Medicine in Parma University (Italy) in 1992. Since 2001 he works in the European Commission, in the Direction General SANTE. In 2011 he joined the Pesticides and Biocides Unit, in the team “Pesticide Residues”, where he deals with the implementation of the Regulation (EU) No 396/2005, particularly with the process of the review of the EU pesticide MRLs (the so-called Art. 12 process).

Stephanie Melching-Kollmuss has been working as European and Global Regulatory Toxicologist for plant protection products at BASF since 2006. Her research interest is in the field of combined toxicity assessment and she was/is involved in ECETOC and Cefic LRI projects. She is member of ECPA working groups on “cumulative risk assessment”.

Bernadette Ossendorp is Head of the Department “Food Safety” at the Centre for Nutrition, Prevention and Health Services of RIVM. She has been a member of the Joint FAO/WHO Meeting on Pesticide Residues (JMPR), and a member of the EFSA PPR panel. She coordinates the WHO Collaborating Centre on Chemical Food Safety at RIVM.

Luc Peeters is a General Manager of the research and development centre for vegetable crops, including responsibility for implementation of national food safety monitoring system for fruit and vegetables. He is currently the Chairman of the Copa-Cogeca working party on phytosanitary questions and a member of the EFSA stakeholder consultative group on emerging risks.

Christian Prohaska studied food- and biotechnology in Vienna. He worked for public bodies dealing with the risk assessment of plant protection products before he gained a postgraduate degree in toxicology and started working at AGES in 2002.

Yukiko Yamada (PhD) is an international food safety consultant, guest scholar of the National Institute of Health Sciences of the Ministry of Health, Labour and Welfare, and advisor to the Vice-minister of the Ministry of Agriculture, Forestry and Fisheries (MAFF), Japan.
About

Who do you meet?

Target groups
This platform is designed for professionals in the fields of:
• Quality assurance and control
• Product, dietary and food safety
• Legal and regulatory affairs
• Registration
• Research and development

Sectors that will benefit from this platform include:
• Plant protection industry
• Food and drink industry
• Food retailing
• Regulatory authorities
• Food inspection offices
• Research organisations and institutes
• Scientific consultancies
• Associations
• Universities

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 Organiser
For over 20 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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Participation

☐ I would like to take part in the 15th International Fresenius Conference "Food Safety and Dietary Risk Assessment", 4 and 5 April 2017 in Cologne/Germany.
Fee: € 1,795.00 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 4 April 2017 (included in the above price).

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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.

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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.

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. 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 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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Date
Signature

Billing Address (only if different from the above address)

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Venue/Event Hotel

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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 "Fresenius" as reference.