FOOD SAFETY AND DIETARY RISK ASSESSMENT

29 February and 1 March 2016 in Cologne/Germany

HIGHLIGHTS:

International Estimate of Short-Term Intake (IESTI) equation
- Results from the EFSA/FAO/WHO workshop
- Revision of the IESTI equation – an industry perspective
- QS-residue monitoring, MRL and the acute reference dose (ARfD)

Residue data requirements
- Residue studies for the determination of residues in honey
- Developments on OECD level concerning residue behaviour
- A new BfR database of quality controlled processing factors

Maximum Residue Level (MRL) setting
- Improvements on the review of existing EU MRLs according to Article 12
- Challenges for assessment of products and active substances
- The establishment of the Thai MRLs
- Status of biocide MRL setting
- Assessment of biocide transfer into foods

Cumulative risk assessment and toxicological aspects
- Metabolite risk assessment
- Chronic risk assessment of the French consumer
- Cumulative assessment groups (CAG) – focus on neurotoxicity
- Cumulative risk assessment – an industry perspective
- Update on the EuroMix project

THE EXPERTS:


LEARN THE LATEST DEVELOPMENTS IN RISK ASSESSMENT OF PESTICIDE RESIDUES IN FOOD!
THE PROGRAMME

Get-together on Sunday, 28 February 2016

Will you arrive on Sunday? Come to the hotel bar at 8 p.m. and meet other participants and speakers in a relaxed atmosphere.

Monday, 29 February 2016

10.00 Registration & coffee

10.30 Welcome address by the organisers and introduction by the Chair
Caroline Harris, Exponent, UK

IESTI equation

10.40 Results from the EFSA/FAO/WHO workshop on the evaluation of the IESTI equation
- Pesticides, short-term exposure assessment, IESTI equation, variability factor, residue, unit weight, large portion

Bernadette Ossendorp, National Institute for Public Health and the Environment (RIVM), The Netherlands

11.05 Revision of the IESTI equation – an industry perspective
Monika Bross, BASF, Germany

11.30 QS-residue monitoring taking into account maximum residue levels (MRL) and the acute reference dose (ARfD)
- Organisation of the QS-residue monitoring
- Current results of the QS-residue monitoring (MRL and ARfD)
- Dealing with MRL and ARfD exceedances in the QS-scheme

Carina Gotto, QS Qualität und Sicherheit, Germany

11.55 Panel discussion
12.25 Lunch

Residue data requirements

13.55 Residue studies for the determination of residues in honey
- EU context for setting maximum residue limits in honey
- France proposal: decision making approach
- France feedback
Alexia Faure, French Agency for Food, Environmental and Occupational Health & Safety (ANSES), France

14.20 Current and possible future developments on OECD level concerning residue behaviour
- OECD Guidance Document on Crop Field Trials
- OECD Guidance Document on Residues in Rotational Crops
- Possible future work
Karsten Hohgardt, Federal Office of Consumer Protection and Food Safety (BVL), Germany

14.45 A new BfR database of quality controlled processing factors
- Eligibility criteria for assessment of processing studies
- Transparency and reliability of data
- Processed matrices and matrix grouping
Rebekka Scholz, Federal Institute for Risk Assessment (BfR), Germany

15.10 Panel discussion
15.40 Coffee break

MRL setting

16.10 Improvements on the review of existing EU MRLs according to Article 12 of Regulation No 396/2005
Bruno Dujardin, European Food Safety Authority (EFSA), Italy

16.35 Challenges for assessment of products and active substances and MRL setting – view from Austria
- New dRR formate and product assessment (zonal level); chronic risk assessment and dietary burden calculation
- Article 12 assessment and renewal of substances
- MRL setting and product assessment
- Residue evaluation of substances for renewal of approval
Christian Prohaska, Austrian Agency for Health and Food Safety (AGES), Austria

17.00 The establishment of the Thai MRLs
- Overview of competent authorities related with the establishment of the maximum pesticide residue limits
- How to set Thai MRLs
Panpilad Saikaew, National Bureau of Agricultural and Food Standards, Ministry of Agriculture and Cooperatives, Thailand

17.25 U.S. EPA international harmonisation efforts for pesticides: an update on current status and activities
- U.S. EPA use of OECD MRL Calculator
- U.S. EPA global MRL harmonisation activities
- Crop grouping issues and activities
David Miller, U.S. Environmental Protection Agency (EPA), USA

17.50 Panel discussion
18.20 Closing remarks of the Chair and 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.

www.akademie-fresenius.com/2314
Tuesday, 1 March 2016

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

8.40  Status of biocide MRL setting
- Biocide residues and overlap with other legal frameworks
- Health based threshold
- Concentration based threshold
Trijntje van der Velde-Koerts, National Institute for Public Health and the Environment (RIVM), The Netherlands

9.05  Assessment of biocide transfer into foods
- Developing guidance documents
- Estimating residue transfer into foods
- Discussing dietary risk assessment approaches
Kathrin Gottlob, Federal Institute for Risk Assessment (BfR), Germany

9.30  Panel discussion
9.50  Coffee break

Risk assessment, cumulative risk assessment and toxicological aspects

10.20 Cumulative risk assessment of pesticide residues – another view – and risk assessment of pesticide metabolites
Alan R. Boobis, Imperial College London, UK

10.45 Chronic risk assessment of the French consumer using the Cumulative risk Assessment Group (CAG) “nervous system”
- Chronic cumulative risk assessment
- CAG
- MCRA (Monte Carlo Risk Assessment)
- Nervous system
Alexandra Mienné, French Agency for Food, Environmental and Occupational Health & Safety (ANSES), France

11.10 Cumulative assessment groups (CAG) for pesticide cumulative risk assessment, with special focus on neurotoxicity
- EFSA progress for developing a methodological tool for cumulative risk assessment of pesticides
- Why to focus on CAG?
- Rationale and scope for the implementation of CAG in pesticide risk assessment
- CAG as a pragmatic tool for pesticide-induced neurotoxicity
Antonio Hernández-Jerez, University of Granada School of Medicine, Spain, on behalf of EFSA

11.35 Panel discussion
12.05 Lunch

13.20 Cumulative risk assessment of active substances – the way forward
Tina Mehta, Dow AgroSciences, UK

13.45 Update on the EuroMix Project
- What is an exposure driven test strategy?
- A tiered test strategy in line with recommendations of the European Commission
- How the platform of models and data for mixture risk assessment will become available to stakeholders
Jacob van Klaveren, RIVM, The Netherlands

14.10 The current dietary risk assessment approach of pesticide residues underestimates the toxic potency of shorter than lifetime exposures
- NAOEL from pesticide toxicity studies
- Dietary risk assessment of pesticides without an ARID
- Averaged food consumption values
- Short-term toxic potency of pesticides
Jürg Zarn, Federal Food Safety and Veterinary Office (FSVO), Switzerland

14.35 Panel discussion
15.10 Closing remarks of the Chair and end of the conference

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.

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.
Bruno Dujardin is Scientific Officer at EFSA since 2007. He is specialised in pesticide residue risk assessment and is responsible for the review of EU pesticide MRLs. Before joining EFSA, he worked for the Federal Public Service for Public Health, Food Chain Safety and Environment in Belgium.

Alexia Faure joined ANSES in 2007 to work as a Scientific Evaluator in the unit in charge of dietary risk assessment of pesticides and biocides.

Kathrin Gottlob is a Food Chemist. In 2004, she started working at the Federal Office of Consumer Protection and Food Safety (BVL), evaluating residues of veterinary drugs. Since 2007 she works at the BfR on evaluating residues of biocides. She is a member of the ARTFood (BPC Adhoc Working Group – Assessment Joint of Residue transfer to Food) which supports the Biocidal Products Committee (BPC) with issues related to human exposure to biocides through food.

Carina Gotto has been Project Manager at QS Qualität und Sicherheit in Bonn since 2012 and is responsible for the stages wholesale/logistics, Food Retail and the QS-residue monitoring.

Caroline Harris is the Centre Director for Chemical Regulation and Food Safety in Exponent International’s UK office. After many years as a regulator at CRD, she continues to be involved with MRLs, import tolerances and pesticide residues in international trade. She also remains highly active in the field of consumer risk assessment.

Antonio Hernández-Jerez is Full Professor of Toxicology at the University of Granada School of Medicine and Medical Specialist in Legal and Forensic Medicine. He is also Expert in Epidemiology and Clinical Investigation and Member of the PPR Panel at EFSA.

Karsten Hohgardi is Head of a unit responsible for risk management in the field of toxicology and residue behaviour of plant protection products and their active substances. Since 2006 he is also Deputy Head of Department „Plant Protection Products“ at BVL. His main experience lies in MRL setting and residue behaviour.

Tina Mehta has worked for Dow AgroSciences for 14 years in Human Health Assessment and is currently the EMEA/APAC Toxicology/Risk Assessment Leader. She is also the EU leader for Dietary Risk Assessment and global focal point for Cumulative Risk Assessment. She is member of ECPA Toxilogical Expert Group (TEG) and Joint-Toxicology, Residue ad hoc Group (J-TRAG) as well as related sub-groups working on plant and groundwater metabolites.

Alexandra Mienné started working for ANSES as Risk Assessor in 2012. She has been involved in residue assessment since then, drafting registration reports and European monographs.

David Miller is Branch Chief in the Health Effects Division of EPA’s Office of Pesticide Programmes. He has been at the Agency for 23 years and has been involved in a variety of exposure and risk assessment activities. He has more recently become Codex activities and MRL and international harmonisation efforts.

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.

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.

Panpilad Saikaew works as Standard Officer for the National Bureau of Agricultural and Food Standards in Bangkok since 2006. She is in charge of the establishment of the national MRLs for pesticides as well as participating in the establishment of regional (ASEAN) and international (Codex) MRLs for pesticides.

Rebekka Scholz joined the BfR in 2014, working with the compilation and evaluation of a database of processing factors.

Trijntje van der Velde-Koerts is a Chemist and Scientific Employee at RIVM. Previously, she was a Research Technician in laboratories dealing with human genetics, multi-drug resistance and elemental analyses. In 2000, she changed career to residue evaluation and risk assessment of pesticides, biocides and veterinary medicines.

Jacob van Klaveren has worked for RIVM as Senior Scientific Advisor since 2010. He coordinated the EU funded ACROPOLIS project and several EFSA projects and is in charge of the EFSA-RIVM partnership on the follow-up ACROPOLIS. Since 2015 he is coordinating the H2020 EuroMix project, which is a new strategy for mixture testing.

Jürg Zarn is Head of the Scientific Evaluation Sector in the Risk Assessment Division at the Federal Food Safety and Veterinary Office (FSVO) in Bern. Since 2004 he is participating at JMPR and since 2014 he is member of the BfR Committee for Pesticides and their Residues.
WHOM DO YOU MEET?

Groups that should take part:
- Managing directors, boards of directors, managers, consultants and scientists in the fields of
  - Quality assurance & control
  - Product safety
  - Legal & regulatory affairs
  - Registration & authorisation
  - Toxicology
  - Risk assessment
  - Research & development

Sectors that should take part:
- Food industry
- Food retailing
- Agrochemical industry
- Producers of biocides
- Authorities (e.g. agricultural and food inspection offices, registration and control authorities)
- Laboratories
- Research institutes
- Professional associations

The Organisers

AKADEMIE FRESENIUS is a joint venture of SGS Institut Fresenius and Cognos, one of the leading private educational institutes in Germany. Akademie Fresenius organises national and international conferences and congresses on current topics from the economic and scientific sectors for both specialists and the industry. You can find details on upcoming and new events at www.akademie-fresenius.com

Consumer protection is becoming increasingly important and the legal requirements in regard to quality assurance in the production and use of food have become much more stringent. As an accredited partner, SGS INSTITUT FRESENIUS offers fast and competent assistance in all analytical and hygiene-relevant issues concerning food. Vast experience in analytical sciences and most recent analytical equipment is used to develop and validate methods relevant for the quality assessment of pesticide products and monitoring of pesticide/metabolites residues and other contaminants at trace levels. Customers also benefit from many years of experience in the assessment of legal issues in this field.

www.institut-fresenius.de

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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www.akademie-fresenius.com/2314
### VENUE/CONFERENCE HOTEL

Leonardo Royal Hotel Köln - Am Stadtwald  
Dürener Straße 287, 50935 Cologne, Germany  
phone: +49 221 4676-0, fax: +49 221 4373-65  
reservations.koeln@leonardo-hotels.com  
www.leonardo-hotels.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 seven weeks prior to the start of the event. Please book early and directly through the hotel quoting “Fresenius” as reference.

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### CONFERENCE DOCUMENTATION

- **No!** Unfortunately, I am unable to attend. Please send me the complete conference documentation for € 295.00 plus VAT (hard copy and electronic version).

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### TERMS OF PARTICIPATION AND PURCHASE

The registration fee includes the **conference participation, complete conference documentation, lunch, coffee breaks, conference beverages** as well as the **evening event** on 29 February 2016.

You will receive written confirmation of your registration. Upon receiving our invoice, please transfer the amount due without further deductions before the conference begins.

The price of the conference documentation includes a hard copy of the documentation as well as an access code to the secure Akademie Fresenius download area where you can download the complete conference documentation, including any subsequent updates, in electronic form – subject to the approval of the respective speakers. 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 General Terms and Conditions on the internet (www.akademie-fresenius.com/general-terms) or receive them on request.

### PERSONAL DATA

The Akademie Fresenius will keep your personal 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. Further information can be found at: www.akademie-fresenius.com/dataprotection.

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### PARTICIPATION

- Yes! I would like to take part in the 14th International Fresenius Conference „Food Safety and Dietary Risk Assessment“, 29 February to 1 March 2016 in Cologne/Germany. Fee: € 1,695.00 plus VAT.
- Yes! I am a representative of an authority or a public university and therefore eligible for a reduced fee of € 795.00 plus VAT per person (please provide evidence). The reduced fee cannot be combined with other rebates.

I would like to take part in the **evening event** on 29 February 2016 (included in the above prices).

- Yes  
- No

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### TRADE EXHIBITION

- Yes! Please send me information on exhibition possibilities during the event.

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