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# Spotlight: Food additives – Status quo on chemical analysis and European regulations International conference

26–27 November 2024, Berlin

## Spotlight: Food additives – Status quo on chemical analysis and European regulations

The international conference is addressed to stakeholders from government, academia and industry. The event will offer a platform for presenting and discussing current topics in the field of food additives such as activities of European Union and National Reference Laboratories, chemical analysis in official control and research, EU regulations and monitoring.

### Programme

#### Tuesday, 26 November 2024

12:00–13:00 **Registration**  
Lunch snack will be provided

#### Opening ceremony

13:00–13:10 **Welcome**  
Andreas Hensel, German Federal Institute for Risk Assessment (BfR), Germany

13:10–13:15 **Symposium opening**  
Eva Bell, Federal Ministry of Food and Agriculture (BMEL), Germany

#### Session I: European regulations and monitoring

Session Chair: Carsten Fauhl-Hassek, BfR

13:15–13:45 **EU regulations and monitoring of food additives**  
Katleen Baert, European Commission, Belgium

13:45–14:05 **Monitoring the intake of food additives in Austria**  
Veronika Plichta, Austrian Agency for Health and Food Safety GmbH (AGES), Austria

14:05–14:25 **Monitoring the intake of food additives in the Netherlands**  
Corinne Sprong, Dutch National Institute for Public Health and the Environment, The Netherlands

14:25–14:45 **The monitoring programme for food additives in Germany**  
Ingrid Brand, BMEL, Germany  
Julia Schreiner, Official Laboratory for Public Health System and Veterinary Control of the Federal State Saxony, Germany

14:45–15:15 **Coffee break**

### **Session II: Scientific assessment**

Session Chair: Veronika Plichta, AGES

15:15–15:35 **EFSA approaches to dietary exposure estimation of food additives**  
Petra Gergelova, European Food Safety Authority (EFSA), Italy

15:35–15:55 **How EFSA uses analytical data in the food additives assessments**  
Camilla Smeraldi, EFSA, Italy

15:55–16:15 **Exposure assessment of food additives**  
Oliver Lindtner, BfR, Germany

16:15–16:30 **Coffee break**

### **Session III: Reference laboratories and standardisation**

Session Chair: Bettina Haack, BfR

16:30–16:40 **European Union reference laboratory for food improvement agents**  
Severine Gosciny, Sciensano, Belgium

16:40–17:00 **European Union reference laboratory for feed additives: experience from 11 years organising proficiency testing**  
Christoph von Holst, European Commission's Joint Research Centre, Belgium

17:00–17:10 **German national reference laboratory for food additives and flavourings**  
Susanne Esslinger, BfR, Germany

17:10–17:30 **Standardisation of analytical methods**  
Sabine Kemmlein, Federal Office of Consumer Protection and Food Safety, Germany

17:30–17:45 **Coffee break**

### **Panel discussion**

Moderator: Peter Fürst, Independent Expert

17:45–18:15 **Discussion with all speakers of the day**

18:30 **Conference dinner**

## **Wednesday, 27 November 2024**

### **Session IV: Hot topics on food additives**

Session Chair: Stephan Walch, Chemical and Investigation Office Karlsruhe

09:00–09:20 **Challenges in food additive analysis for ensuring traceability in the food chain**  
Joris Van Loco, Sciensano, Belgium

09:20–09:40 **Purity criteria on food additives**  
Bernd Haber, BASF SE, Germany

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09:40–10:00 **Food additives consisting of particulate materials: challenges and way forward in safety assessment and analytical characterisation**  
Francesca Ferraris, Italian National Institute of Health, Italy

10:00–10:30 **Coffee break**

**Session V: Current trends in food additive analysis**

Session Chair: Svenja Schneider, BfR

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10:30–10:50 **Analytical strategy for food additives determination in various matrices by UPLC-MS/MS**  
Aliaksandra Kharoshka, University of Chemistry and Technology Prague, Czech Republic

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10:50–11:10 **Development, validation and application of multi-class methods for the analysis of food additives by liquid chromatography coupled to tandem mass spectrometry**  
Severine Gosciny, Sciensano, Belgium

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11:10–11:30 **High-Performance Thin-Layer Chromatography analysis of E 471 and E 472 emulsifiers: analytical approaches and challenges**  
Claudia Oellig, University of Hohenheim, Germany

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11:30–11:50 **Solutions to overcome issues in the analysis of free and ester-bound 3-MCPD as well as ester-bound glycidol in mono- and diglycerides of fatty acids (E 471)**  
Jan Kuhlmann, SGS Germany GmbH, Germany

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**Closing ceremony**

11:50–12:00 **Conference resume and farewell**  
Carsten Fauhl-Hassek, BfR, Germany

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# Organisational information

## Venue

German Federal Institute for Risk Assessment (BfR)  
Lecture theatre  
Diedersdorfer Weg 1,  
12277 Berlin (Marienfelde)  
Germany

## Directions

[www.bfr-akademie.de/english/locations/marienfelde.html](http://www.bfr-akademie.de/english/locations/marienfelde.html)  
Destination stop ([www.bahn.de/en](http://www.bahn.de/en), [www.bvg.de/en](http://www.bvg.de/en)):  
"Nahmitzer Damm/Marienfelder Allee (Berlin)"

## Registration

The conference will be held in English. After registration you will receive a payment request via email.

Standard rate: 220 €  
Student: 75 €  
German federal employees (incl. BfR): 30 €

Please register online by 17.11.2024 on  
[www.bfr-akademie.de/english/foadd2024.html](http://www.bfr-akademie.de/english/foadd2024.html)

## General contact

BfR Academy  
T +49 30 18412-22405  
[academy@bfr.bund.de](mailto:academy@bfr.bund.de)

## Expert contact

German National Reference Laboratory for Food  
Additives and Flavourings  
[nrl-faflav@bfr.bund.de](mailto:nrl-faflav@bfr.bund.de)



## Organiser

German Federal Institute for Risk Assessment  
Max-Dohrn-Straße 8-10  
10589 Berlin, Germany  
[bfr.bund.de/en](http://bfr.bund.de/en)

## About the BfR

The German Federal Institute for Risk Assessment (BfR) is a scientifically independent institution within the portfolio of the German Federal Ministry of Food and Agriculture (BMEL). It advises the Federal Government and the federal states ("Laender") on questions of food, chemicals and product safety. The BfR conducts its own research on topics that are closely linked to its assessment tasks.

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