



11th International Akademie Fresenius Conference

# Residues of Food Contact Materials in Food

+++ HYBRID EDITION! +++

5 and 6 October 2022  
in Dusseldorf/Germany  
and via Live Stream

## Highlights

### Risk management and risk assessment updates

- European Union update on food contact materials (FCM) in foodstuffs
- EFSA's recent activities in the area of FCM
- Toxicology and risk assessment
- The German Printing Inks Ordinance
- Compliance work – functioning of and expectations from FCM-enforcement

### Perfluoro compounds

- Migrating PFAS from FCM

### Toxicological test and bioassay method

- Determination of DNA-reactive genotoxic substances in migrates of FCM
- Application of the HPTLC-Umu-C test to identify genotoxic chemicals in FCM

### Sustainability aspects

- Dissolution-based recycling and risk assessment of rPlastic
- Chemical recycling of FCM
- Use of rPlastics

### Safety and analytical aspects

- Analysis of microplastics in food and FCM
- Strategies for analysing NIAS
- Activities of the EC Joint Research Centre in the field of mineral oil in food



## The Experts

**Katharina Adler** German Federal Ministry of Food and Agriculture (BMEL) | **Nadine Bohni** Office of Consumer Protection and Veterinary Affairs St. Gallen | **Alan Boobis** Imperial College London | **Stefanka Bratinova** European Commission Joint Research Centre (JRC) | **Leonard John** German Federal Institute for Risk Assessment (BfR) | **Christian Kirchnaw** OFI – Austrian Research Institute for Chemistry and Technology | **Maricel Marin-Kuan** Nestlé Research | **Cristina Nerin** University of Zaragoza | **Peter K.T. Oldring** Sherwin Williams | **Martin Schlummer** Fraunhofer Institute for Process Engineering and Packaging (IVV) | **Dieter Schrenk** University of Kaiserslautern | **Darena Schymanski** Chemical and Veterinary Analytical Institute Münsterland-Emscher-Lippe (CVUA-MEL) | **Lionel Spack** Nestlé | **Katharina Volk** European Food Safety Authority (EFSA) | **Koen Weel** The Coca-Cola Company

# Wednesday, 5 October 2022

Timings are in  
Central European Summer Time [CEST](#).

## Morning Session 09:00 – 12:00 CEST

- 08:30 On-site registration & opening of the virtual meeting room
- 09:00 Welcoming speech by the organisers and the Chair  
Dieter Schrenk, University of Kaiserslautern, Germany

The presentation slots include sufficient time for questions and answers.

## Risk management and risk assessment updates

- 09:10 **European Union update on FCM in foodstuffs: Update on the REFIT exercise and other activities**  
Representative of the European Commission or a Member State authority

### 10:10 **The German Printing Inks Ordinance**

- Reasons for a national 'printing inks' measure
- Key elements of the German Ordinance
- Outlook – EU legislation?

**Katharina Adler**, German Federal Ministry of Food and Agriculture (BMEL), Germany

### 10:45 **Coffee break**

### 11:15 **Compliance work – functioning of and expectations from FCM-enforcement**

- Legal obligations on FCM compliance work for business operators and competent authorities
- Enforcement: Different options and examples to control FCM compliance work
- Strengthening enforcement through support and network of authorities throughout Europe and beyond

**Nadine Bohni**, Office of Consumer Protection and Veterinary Affairs St. Gallen, Switzerland

### 12:00 **Lunch break**

## Afternoon Session 14:00 – 17:00 CEST

- 14:00 **EFSA's activities in the area of FCM**  
**Katharina Volk**, European Food Safety Authority (EFSA), Italy
- 14:45 **Toxicology and risk assessment – quo vadis?**  
**Alan Boobis**, Imperial College London, UK
- 15:20 **Coffee break**

## Perfluoro compounds

- 15:50 **Perfluoro substances and the BfR recommendations**  
**Leonard John**, German Federal Institute for Risk Assessment (BfR), Germany
- 17:00 **End of the first conference day**
- 18:00 **Joint evening event**



After the first conference day you are most welcome to attend our evening event for an unhurried evening of good food and leisure time. Please join us to continue the day's interesting discussions in a relaxed and comfortable atmosphere.



Information available online at:  
[www.akademie-fresenius.com/FCM](http://www.akademie-fresenius.com/FCM)

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# Thursday, 6 October 2022

Timings are in  
Central European Summer Time [CEST](#).

## Morning Session 09:00 – 12:35 CEST

09:00 Welcoming address and opening remarks by the Chair  
Peter K.T. Oldring, Sherwin Williams, UK

## Toxicological tests and bioassay method

### 09:10 Determination of DNA-reactive genotoxic substances in migrates of FCM

- Safety assessment of unidentified NIAS based on the TTC
- Value and limitations of in-vitro bioassays to support the safety assessment of unidentified NIAS
- Results from screening >100 market samples for DNA-reactive genotoxic substances
- Possible sources for DNA-reactive contaminants in FCM

**Christian Kirchnawy**, OFI – Austrian Research Institute for Chemistry and Technology, Austria

### 09:45 New approach methodology to assess safety of packaging material

- Breakthrough solutions to assess the safety of FCM
- Advantages of a new approach using high-performance thin layer chromatography coupled to biological testing
- Proof-of-concept of qualified method to detect and identify compounds of toxicological concern potentially present in packaging materials
- Potential contribution to the risk assessment of FCM

**Maricel Marin-Kuan**, Nestlé Research, Switzerland

10:20 Coffee break

## Sustainability aspects

### 10:50 Update on dissolution-based recycling and risk assessment of rPlastic issued from this technology

**Martin Schlummer**, Fraunhofer Institute for Process Engineering and Packaging (IVV), Germany

### 11:25 Update on recycling for food contact materials – an industry position

- Chemical recycling technologies
- Framework for plastic beverage packaging recycling
- The bottle of the future

**Koen Weel**, The Coca-Cola Company, Belgium

### 12:00 Use of rPlastics

- Chemical data and scientific topics related to rPlastics

**Lionel Spack**, Nestlé, Switzerland

12:35 Lunch break

## Afternoon Session 13:30 – 15:20 CEST

## Safety and analytical aspects

### 13:30 Activity of the EC Joint Research Centre in the field of mineral oil in food

- Outcome from 5 collaborative trials on MOAH in infant formula, organized by the JRC during the last 3 years (2020 – 2022) with the aim to harmonise a standard operating procedure (SOP)

**Stefanka Bratinova**, European Commission Joint Research Centre (JRC), Belgium

### 14:10 Update on strategies for analysing NIAS

**Cristina Nerín**, University of Zaragoza, Spain

### 14:45 Update on analysis of microplastics in food and FCM

**Darena Schymanski**, Chemical and Veterinary Analytical Institute Münsterland-Emscher-Lippe (CVUA-MEL), Germany

15:20 End of the conference

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

Reconnect 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!

Did you know? Our flexibility guarantee allows you to rebook for another date or another event at any time or to switch your booking from on-site to live stream (and vice versa).

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Information available online at:  
[www.akademie-fresenius.com/FCM](http://www.akademie-fresenius.com/FCM)

# Registration

By web [www.akademie-fresenius.com/FCM](http://www.akademie-fresenius.com/FCM)  
By email [registration@akademie-fresenius.com](mailto:registration@akademie-fresenius.com)

## Participation Fee:

**€ 1,895.00 plus VAT\*** on-site in Dusseldorf

Representatives of an authority or a public university are eligible for a reduced fee of **€ 795.00 plus VAT** per person (please provide evidence). The reduced fee cannot be combined with other rebates.

**€ 995.00 plus VAT\*** Live Stream

Representatives of an authority or a public university are eligible for a reduced fee of **€ 495.00 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**.

\* To benefit from our discount offers, please make sure to use the discount codes mentioned above during your booking.

### Your discount codes!

20% off before 8 July 2022  
with code 30SB10SMU54

10% off before 5 August 2022  
with code 32FB10SMU05

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## Do you have any questions?



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## The Organisers

For more than 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](http://www.akademie-fresenius.com)

**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 conference proceedings as well as the 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:** 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.

## Who should attend this conference?

### Professionals of the following sectors:

- Food and beverage industry
- Food retail
- Packaging industry
- Food inspection offices
- Laboratories
- Research institutes
- Authorities
- Professional associations

## Conference Venue

Novotel Düsseldorf City West  
Niederkaßeler Lohweg 179, 40547 Düsseldorf  
Phone: +49 211 52060-0, [h3279@accor.com](mailto:h3279@accor.com)  
[www.accor.com](http://www.accor.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 six 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.

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