

**Tuesday, 24 May 2016**

9–9:15 am

**Welcome address and opening remarks**  
Professor Dr Reiner Wittkowski,  
Federal Institute for Risk Assessment (BfR)

### **I. Market relevance and regulatory aspects**

9:15–9:45 am

**The significance of edible insects as food and feed for world nutrition**  
Professor Arnold van Huis  
WHO / FAO

9:45–10:15 am

**Insects as food – an overview of the legal situation in the European Union**  
Rafael Perez Berbejal  
European Commission, Directorate General for Health and Food Safety (DG SANTE)

*10:15–10:45 am Coffee break*

10:45–11:15 am

**Insects in animal feed – an overview of the legal situation in the European Union**  
Dr Wolfgang Trunk  
European Commission, Directorate General for Health and Food Safety (DG SANTE)

### **II. Nutrients and ingredients**

11:15–11:45 am

**Insects – nutrients and valuable ingredients**  
Dr Oliver Schlüter  
Leibniz Institute for Agricultural Engineering  
Potsdam-Bornheim

### **III. Production of food and feed from insects**

11:45 am–12:15 pm

**Selection, management and breeding of suitable insects**  
Dr Frank Pudel  
Pilot Vegetable Oil Technology Magdeburg (PPM)

12:15–12:45 pm

**Ethical aspects and animal welfare**  
Professor Dr Thomas Potthast  
International Centre for Ethics in the Sciences and Humanities, University of Tübingen

*12:45–1:45 pm Lunch break*

### **IV. Potential health risks**

1:45–2:15 pm

**Are insects safe for use as food?**  
Dr Nils Grabowski  
University of Veterinary Medicine Hannover, Foundation

2:15–2:45 pm

**Sensitisation potential / Allergenic potential of food made from edible insects**  
Dr Thomas Holzhauser  
Paul Ehrlich Institute

2:45–3:15 pm

**Are edible insects safe as food from the perspective of the consumer?**  
Dr Astrid Epp  
Federal Institute for Risk Assessment (BfR)

*3:15–3:45 pm Coffee break*

### **V. Panel discussion: Insects – the “superior meat”?**

3:45–4:45 pm

Tilemachos Goumperis  
European Food Safety Authority (EFSA)

Professor Dr Dietrich Knorr  
German Research Foundation (DFG) –  
Senate Commission on Food Safety (SKLM)

Dr Marcus Girmau  
German Federation for Food Law and Food Science (BLL)

Angela Clausen  
Consumer Association North Rhine-Westphalia (NRW)

Professor Dr Thomas Potthast  
International Centre for Ethics in the Sciences and Humanities, University of Tübingen

4:45–5 pm

**Closing remarks**  
Professor Dr Reiner Wittkowski,  
Federal Institute for Risk Assessment (BfR)

The symposium will be held in German and interpreted into English.

## Insects as Food and Feed – Food of the Future?

In Europe, insects are generally not eaten by humans or used as feed for farm animals. But this is an area where a public debate is beginning to emerge – due to the claimed efficiency of production options and the favourable nutrient make-up of insects. The majority of insects consumed worldwide are currently taken from nature, but the aim now is to achieve industrial breeding under controlled conditions so that insects can be used as food or feed. There is a major need for re-research with regard to technological conditioning and processing, in particular as concerns safety aspects as well as in connection with risk perception among the population at large.

The BfR Symposium “Insects as Food and Feed – Food of the Future?” of the Federal Institute for Risk Assessment will bring together the current state of knowledge on market relevance and regulatory aspects, nutrients and ingredients, and the production of food and feed from insects as well as possible health risks and acceptance by the public at large.

Moderation:  
Jan-Martin Wiarda  
(science journalist)

The symposium will be held in German and interpreted into English.

### Venue:

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

Directions:  
[www.bfr.bund.de/en/location\\_marienfelde-5533.html](http://www.bfr.bund.de/en/location_marienfelde-5533.html)

Destination stop ([www.bahn.de](http://www.bahn.de), [www.bvg.de/en](http://www.bvg.de/en))  
“Nahmitzer Damm/Marienfelder Allee (Berlin)”

### Registration:

The event is open to the public and free of charge.  
Please register online by 14 May 2016 under the menu item “Events”:  
<http://www.bfr.bund.de/en/events.html>

### Contact:

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### Organiser:

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FEDERAL INSTITUTE FOR RISK ASSESSMENT

## BfR Symposium Insects as Food and Feed – Food of the Future?

Berlin, 24 May 2016



Photo: REUTERS/Francois Lenoir



Bundesinstitut für Risikobewertung