

Tuesday, 5 December 2017

09:15–09:35 am

Welcome

*Jorge Numata and Helmut Schafft,
German Federal Institute for Risk Assessment (BfR), Berlin*

09:35–09:55 am

Kinetics of Cannabinoids in dairy cows

*Pietro Gerletti, German Federal Institute
for Risk Assessment (BfR), Berlin*

09:55–10:15 am

Toxicokinetic modeling of (bio)chemical contaminants in farm animals without the use of animal experimental data

*Daria Glushkina, German Federal Institute
for Risk Assessment (BfR), Berlin*

10:15–10:35 Uhr

Bottom-up kinetic modeling of liver metabolism/Presentation of the new BfR junior research group 'supply chain models'

*Sascha Bulik, German Federal Institute for
Risk Assessment (BfR), Berlin*

10:35–11:00 am coffee and tea break

11:00–11:20 am

Ready-to-use computer tools for calculating the feed-to-food transfer of perfluoroalkyl acids in dairy cows and pigs

*Jorge Numata, German Federal Institute
for Risk Assessment (BfR), Berlin*

11:20–11:40 am

A systems biology approach to animal sciences (Presentation of the BovSys pro- ject and the research group at ZIB)

*Susanna Röblitz, Konrad-Zuse-Zentrum für
Informationstechnik (ZIB), Berlin*

11:40 am–12:00 pm

Modelling and simulation of potassium balance in dairy cows

*Julia Plötzke, Konrad-Zuse-Zentrum für
Informationstechnik (ZIB), Berlin*

12:00–12:20 pm

The impact of nutritional glucose on reproduction in dairy cows investigated with a mathematical model

*Mohamed Omari, Konrad-Zuse-Zentrum
für Informationstechnik (ZIB), Berlin*

12:20–13:00 pm

Round table discussion

13:00 pm Lunch at the BfR Cafeteria