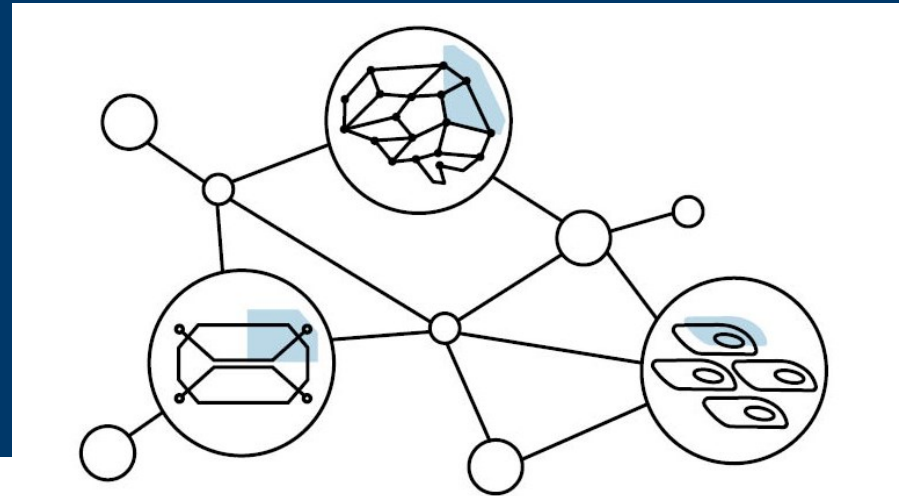


Organoid technologies and new approaches in biomedical research and toxicology

BfR-KIT Joint Symposium

Save-the-date: 05 November 2025, Berlin (hybrid event)



The symposium aims to exchange current knowledge and scientific expertise in the development and use of new approach methodologies (NAMs) in biomedical research and toxicology.

Experts from the German Federal Institute for Risk Assessment (BfR), the Korea Institute of Toxicology (KIT), and invited renowned scientists will present currently developed methods, including human iPSC and organoid cultures, organ-on-a-chip systems and other phenotypic approaches, which are used in biomedical research and in the identification and characterization of the potential hazard of chemicals.

The symposium is supported by the Korea-Germany R&D Network Program funded by DFG and NRF and will take place in Berlin. It aims to foster scientific collaboration and knowledge exchange between Germany and Korea to promote scientific advancements towards the replacement of animal experiments according to the 3R principle.

Participation

Online or on-site (registration link available soon)

Place & Preliminary program

BfR Lecture Hall, Diedersdorfer Weg 1, 12277 Berlin

08:45–09:00 **Arrival and registration**

09:00–09:15 **Opening and Welcome**

Dr. Julian Heuberger, BfR, Berlin
Dr. Sebastian Dunst, BfR, Berlin
Dr. Han-Jin Park, KIT, Daejeon

09:15–09:45 **Ten years of the German Centre for the Protection of Laboratory Animals (Bf3R) at the BfR**

Dr. Michael Oelgeschlaeger, Head of the Bf3R

09:45–11:15 **Session I: Organoids of the nervous system**

Session Chair:

Prof. Marta Barenys Espadaler, BfR, Berlin

Speaker:

Dr. Agnieszka Rybak-Wolf, MDC, Berlin

Dr. Minhan Ka, KIT, Daejeon

Prof. Marta Barenys Espadaler, BfR, Berlin

11:30–13:00 **Session II: Organoids of the gastrointestinal system and the liver**

Session Chair:

Dr. Julian Heuberger, BfR, Berlin

Speaker:

Prof. Sina Bartfeld, TU Berlin

Dr. Julian Heuberger, BfR, Berlin

Dr. Han-Jin Park, KIT, Daejeon

14:00–16:00 **Session III: Stem cell technologies, organ-on-a-chip systems, and -omics approaches**

Session Chair:

Dr. Sebastian Dunst, BfR, Berlin

Speaker:

Dr. Sebastian Diecke, MDC, Berlin

Dr. Dong-Hun Woo, NEXEL Co., Ltd, Seoul

Dr. Adrien Guillot, Charité, Berlin

Dr. Björn von Eyss, FLI, Jena

From 16:00 **Wrap up of symposium and informal get-together**

Time for exchange and discussion of collaboration