



BB3R Autumn School 2022 – *Alternatives to Animal Testing*

The BB3R Autumn School is part of the mandatory course program on alternative test methods to animal experimentation within the graduate program BB3R.

This year the BB3R Autumn School is organized by the Freie Universität Berlin and will be held in Berlin Dahlem. The seminars are open to PhD students, Postdocs and other researchers working in the field of 3Rs (the practical training on Tuesday afternoon is for BB3R graduate students only).

Date **Oct 10 - 12, 2022**

Venue

Monday, Tuesday, Wednesday – Lectures and practical training

Freie Universität Berlin
Institute of Pharmacy
Königin-Luise-Str. 2+4
14195 Berlin
Seminar room 3 (ground floor)

Registration **Attendance is free, but registration is needed (there is a limit of 35 participants).**
Please register until October 5th, 2022 by sending an email to:
vivian.kral@fu-berlin.de

The language of the event is English.
www.bb3r.de

GEFÖRDERT VOM



Bundesministerium
für Bildung
und Forschung



Program

Day 1

Monday

October 10th, 2022

Alternatives to Animal Testing

Königin-Luise-Str. 2+4, 14195 Berlin

Seminar room 3 (ground floor)

09:30 a.m. – 09:45 a.m.

Welcome address

Burkhard Kleuser

09:45 a.m. – 10:30 a.m.

New Approach Methods in Toxicology

Robert Landsiedel

10:30 a.m. – 11:15 a.m.

A microfluidic thyroid-liver platform to assess chemical safety in humans

Julia Kühnlenz

11:15 a.m. – 11:30 a.m.

Coffee break

11:30 a.m. – 12:15 a.m.

***In vitro* Methods for Reproductive Toxicology**

Horst Spielmann

12:15 a.m. – 1:00 p.m.

Lunch Break

1:00 p.m. – 1:45 p.m.

Alternative Methods to Animal Bioassays for Human Prions

Michael Beekes

1:45 p.m. – 2:30 p.m.

Status quo and challenges in nanomaterial risk assessment: The role of NAMs for Nano

Andrea Haase

2:30 p.m. – 3:00 p.m.

Discussion

3:00 p.m. – 5:00 p.m.

Get-together/Networking

Note on an Evening Event

(Event will be in German)

6:00 p.m. – 9:00 p.m.

Podiumsdiskussion 10.10.2022 | Lassen sich Tierversuche ethisch rechtfertigen? Organisiert vom EC3R

Anmeldung und weitere Informationen unter

https://bit.ly/EC3R_Diskussion2022



Day 2

Tuesday
October 11th, 2022

Alternatives to Animal Testing

Königin-Luise-Str. 2+4, 14195 Berlin
Seminar room 3 (ground floor)

09:30 a.m. – 09:35 a.m.	Welcome address <i>Burkhard Kleuser</i>
09:35 a.m. – 10:20 a.m.	Human 3D neuromuscular organoids <i>Mina Gouti</i>
10:20 a.m. – 11:05 a.m.	Development of predictive human stem cell-based models in neurotoxicology and –infectiology <i>Bettina Seeger</i>
11:05 a.m. – 11:20 a.m.	<i>Coffee break</i>
11:20 a.m. – 12:05 a.m.	Academic application of Good Cell Culture Practice for induced pluripotent stem cells <i>Ellen Fritsche</i>
12:05 a.m. – 12:50 a.m.	Introduction to 3D reconstructed human skin tissue models <i>Silvia Letasiova</i>
12:50 a.m. – 1:00 p.m.	Discussion
1:00 p.m. – 2:00 p.m.	<i>Lunch Break</i>
2:30 p.m. – 4.30 p.m.	Practical Training: EpiDerm Skin Irritation Test
4:30 p.m. – open end	Visit of the Botanical Garden

Day 3

Wednesday
Oct 12th, 2022

Students Day

Königin-Luise-Str. 2+4, 14195 Berlin
Seminar room 3 (ground floor)

09:00 a.m.– 09:05 a.m.	Welcome <i>Burkhard Kleuser</i>
09:05 a.m.– 10:00 a.m.	Presentation of former BB3R PhD Students Dr. Moritz Pfeiffenberger Dr. Giuliano Corte
10:00 a.m.– 11:00 a.m.	Presentations (PhD students)
11:00 a.m. – 11:15a.m.	<i>Coffee Break</i>
11:15 a.m.– 12:15 a.m.	Presentations (PhD students)
12:15 a.m. – 1:15 p.m.	<i>Lunch Break</i>
1:15 p.m. – 3:15 p.m.	Presentations (PhD students)
3:15 p.m. – 3:30 p.m.	Discussion



Speaker

PD Dr. Michael Beekes

Centre for Biological Threats and Special Pathogens
Robert-Koch Institut, Berlin

Prof. Dr. Ellen Fritsche

IUF – Leibniz Research Institute for Environmental
Medicine, Düsseldorf

PD Dr. Andrea Haase

Fibre and Nanotoxicology
Federal Institute for Risk Assessment, Berlin

Dr. Julia Kühnlenz

Crop Science Pathology & Mechanistic Toxicology
Bayer CropScience France

Silvia Letasiova, Ph.D.

MatTek IVLSL, Bratislava, Slovakia

Prof. Dr. Horst Spielmann

Institut für Pharmazie
Freie Universität Berlin

Dr. Giuliano Corte

Institut für Veterinäranatomie
Freie Universität Berlin

Mina Gouti, Ph.D.

Max-Delbrück Center for Molecular Medicine,
Berlin

Prof. Dr. Burkhard Kleuser

Institut für Pharmazie
Freie Universität Berlin

PD Dr. Robert Landsiedel

Experimental Toxicology and Ecology
BASF SE, Ludwigshafen

Prof. Dr. Bettina Seeger

Institut für Lebensmittelqualität und -
sicherheit
Stiftung Tierärztliche Hochschule Hannover

Dr. Moritz Pfeifenberger

Rheumatologie u. klinische Immunologie
Charité – Universitätsmedizin
Berlin