

PROGRAM — RETHINK3R 2.0 SUMMER SCHOOL 2022

DAY 1 — 23.08.22

■ LECTURES / PRESENTATIONS
■ DESIGN — THINKING
□ BREAKS / SOCIAL EVENTS

9:00AM Registration with coffee and snacks — first get-together with all participants

10:00AM Introduction Observe — Design Thinking

10:15AM **Keynote lecture 1**
Title: Status update and current initiatives: Animal-free human-relevant approaches in the United States
Janine McCarthy, Physicians Committee for Responsible Medicine, US

11:00AM Flash presentations by participants (3 min each)

12:30PM Lunch break

1:30PM Introduction to Design Thinking, Challenge & Coaches

2:00PM **Design Thinking → Team Check-in & Understand**

3:00PM Coffee break

3:30PM Flash presentations by participants (3 min each)

5:00PM Free time

6:00PM Welcome Reception – Barbecue & Beach volleyball



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DAY 2 — 24.08.22

9:00AM	Keynote lecture 2 <i>Title: Recapitulating musculoskeletal disorders in vitro – Next generation of preclinical research towards translation</i> Dr. Riccardo Gottardi, Children's Hospital of Philadelphia and University of Pennsylvania, PA, US
10:00AM	Introduction Observe — Design Thinking
10:10AM	Coffee break
10:30AM	Design Thinking → Understand & Observe
12:00PM	Keynote lecture 3 <i>Title: Towards robust evidence generation in preclinical research</i> Dr. Ulf Tölch, BIH QUEST Center for Responsible Research, Berlin, Germany
12:45PM	Introduction Define (Synthesize) — Design Thinking
1:00PM	Lunch
2:00PM	Design Thinking → Observe & Define (Synthesize)
5:00PM	Keynote lecture 4 <i>Title: Novel feature extraction from physiological waveforms</i> Dr Manasi Nandi, King's College London, UK
6:00PM	Free time
8:00PM	Berlin at night — Bar & Drinks



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DAY 3 — 25.08.22

9:00AM	Keynote lecture 5 <i>Title: The Digital Fingerprint of Severity in Laboratory Animals</i> Dr. Steven R. Talbot, Institute of Laboratory Animal Science, Hannover Medical School (MHH), Germany
10:00AM	Introduction Ideate & Prototype — Design Thinking
10:30AM	Coffee break
11:00AM	Design Thinking → Define (Problem statement)
12:30PM	Lunch break
1:30PM	Design Thinking → Ideate & Prototype
3:30PM	Coffee break
4:15PM	Design Thinking → Prototype
5:00PM	Keynote lecture 6 <i>Title: 3D cell culture systems to study host-pathogen interactions –Studying the crosstalk between immune competent barriers and viruses by implementing the 3R principle</i> Prof. Doris Wilflingseder, Medizinische Universität Innsbruck, Austria
6:00PM	Free time
7:00PM	Boat Trip — Dinner & drinks on the Spree



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DAY 4 — 26.08.22

10:00AM	Keynote lecture 7 <i>Title: Alternative methods in toxicity testing — Developmental neurotoxicity as a case study moving towards regulatory acceptance;</i> Prof. Dr. Ellen Fritsche, Leibniz Research Institute for Environmental Medicine (IUF), Düsseldorf, Germany
11:00AM	Introduction Test & Refine — Design Thinking
11:15AM	Coffee break
11:30AM	Design Thinking → Prototype
12:45PM	Lunch break
2:00PM	Design Thinking → Test
3:30PM	Coffee break
4:00PM	Design Thinking → Prepare Presentation
5:00PM	Final presentations by all teams
6:30PM	Farewell drinks & Feedback



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