

26th Pharmacokinetics/Pharmacodynamics (PK/PD) Expert Meeting, 14-16 March 2024, Isny (Germany)



Shaping the future - Quo vadis PK/PD?

Agenda

Thursday, March 14th, 2024

17:00 – 19:00	Arrival Berghotel Jägerhof Jägerhof 1 88316 Isny/Allgäu
19:00	Dinner

Friday, 15 March 2024

08:30 Welcome
Alexander Staab on behalf of the Organizing Committee

Session 1: **How do PK/PD principles support new modalities?**

Session Chairs: Charlotte Kloft, Antje Walz

8:45	Setting the scene – novel modalities meet PKPD <i>Charlotte Kloft & Antje Walz</i>
9:00	Model-guided optimisation of protein degraders: Translating in vitro data to in vivo target degradation profiles <i>Andreas Reichel, Bayer</i>
9:30	<i>Discussion</i>
9:45	Coffee Break
10:15	PKPD in support of antisense oligonucleotide (ASO) development; case study with Tominersen®, an ASO for Huntington's disease <i>Nicolas Frances, Roche</i>
10:45	<i>Discussion</i>
11:00	Quantitative Modeling Approaches for CAR-T Cell Therapies <i>Anna Mc Laughlin, Pharmetheus</i>
11:30	<i>Discussion</i>
11:45	Master / PhD students: Best presentation award (5 min presentation followed by 5 min discussion each)
12:30	Joint Lunch

26th Pharmacokinetics/Pharmacodynamics (PK/PD) Expert Meeting, 14-16 March 2024, Isny (Germany)



Session 2: **Beyond traditional models: New approaches with high impact on PK/PD**

Session Chairs: Corina Becker, Ben-Fillippo Krippendorff, Nele Müller-Plock

- 14:00 PK/PD modeling with real-world data integration and its pivotal role in the approval of Continuous Erythropoietin Receptor Activator (C.E.R.A.) i.v. and s.c. in pediatric patients
Pascal Chanu, Roche, and Samer Mouksassi, Certara
- 14:30 *Discussion*
- 14:45 PK parameters derived from phys.-chem properties using AI&ML approaches: selection of brain penetrant molecules for a CNS indication.
Gerhard Hessler, Sanofi
- 15:15 *Discussion*
- 15:30 Coffee break
- 16:00 Organotypic and microphysiological liver models to emulate the kinetics of human drug response
Volker Lauschke, Bosch Institute of Clinical Pharmacology
- 16:30 *Discussion*
- 16:45 Hans Günter Schäfer Award and Best Presentation Award
Moderated by Alexander Staab
- 17:15 End of Session
-
- 17:30 Joint Jogging
- 19:30 Dinner
-

26th Pharmacokinetics/Pharmacodynamics (PK/PD) Expert Meeting, 14-16 March 2024, Isny (Germany)



Saturday, 16 March 2024

Session 3: **Advancements in classical topics: Recent approaches in pediatrics**

Session Chairs: Tobias Pähler, Barbara Schug

- 09:00 Pediatrics in the Regulatory Framework: An Introduction to Recent Pediatrics Guidelines
Eva Berglund, Certara
- 09:30 *Discussion*
- 09:40 Pharmacometrics-enhanced Bayesian borrowing for pediatric extrapolation – The DINAMO[®] trial
Valerie Nock and Oliver Sailer, Boehringer-Ingelheim
- 10:10 *Discussion*
- 10:20 Coffee Break
- 10:50 Qualification of NT-proBNP as a predictor of clinical outcomes in pediatric patients with heart failure using RWD
Michaela Meyer, Bayer
- 11:20 *Discussion*
- 11:30 Model-informed and statistics-based evidence generation for real-world problems of pediatric patients
Katharina Goetz, University of Saarland, Dietrich Knoerzer, Roche
- 12:00 *Discussion*
- 12:10 Closing Remarks
Alexander Staab on behalf of the Organizing Committee
- 12:15 Joint Lunch
- 13:00 End of Meeting
-