



EMERGING APPROACHES FOR DRUG DELIVERY

9.11.2023, Campus Riedberg, Biocenter, Lecture Hall B1
Max-von-Laue-Str. 9, 60439 Frankfurt

- 9:00-9:15 Welcome address
- 9:15-10:15 **Prof. Dr. Samir Mitragotri** (Harvard University, Boston, USA)
"From backpacking to hitch hiking – novel approaches for site-specific drug delivery"
- 10:15-10:40 **Prof. Dr. Stefaan De Smedt** (Ghent University, Ghent, Belgium)
"Perspectives on innovations in drug delivery"
- 10:40-11:10 Coffee break
- 11:10-11:35 **Prof. Dr. Volker Mailänder** (MPI for Polymer Research, Mainz, Germany)
"Tailoring protein-surface interactions on a nanoscale for targeted drug delivery"
- 11:35-12:00 **Prof. Dr. Claus-Michael Lehr** (Helmholtz Institute for Pharm. Research Saarland, Saarbrücken, Germany)
"Infection at the interface: Nanotechnology advancements for lung-specific therapeutics"
- 12:00-13:15 Lunch
- 13:15-14:15 **Young scientists @ Rhein-Main University**
- 14:15-14:40 **Dr. Rohan Palanki** (University of Pennsylvania, Philadelphia, USA)
"Lipid nanoparticles for overcoming biological barriers to mRNA delivery"
- 14:40-15:05 **Prof. Dr. Anette Müllertz** (University of Copenhagen, Copenhagen, Denmark)
"Improving oral drug absorption with lipid-based carrier systems"
- 15:05-15:30 **Prof. Dr. Roy van der Meel** (Eindhoven University, The Netherlands)
"Engineering nanocarriers for targeting RNA to the innate immune system"
- 15:30-16:00 Coffee break
- 16:00-16:25 **Prof. Dr. Robert Luxenhofer** (University of Helsinki, Helsinki, Finland)
"Exploring ultra-high drug-loaded micelles for enhancing drug delivery efficiency"
- 16:25-16:50 **Prof. Dr. Dr. Lorenz Meinel** (Julius-Maximilians-University Würzburg, Germany)
"Enzyme-catalyzed drug depots for biological therapeutics"
- 16:50-17:20 **Expert round: Drug delivery – quo vadis?**
- 17:20-17:30 Closing remarks
- 17:30-19:30 Get together reception "Wine & Dine"