

Dipping into the world of (bio)molecules: From design and synthesis to biological and clinical application

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RTG₂₅₅₀
dynamic
regulation of cellular
protein localization

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Wed. 08.06.22

- 9:00 – 10:00: Ines Neundorf (University of Cologne)
„Synthesis and use of membrane-active peptides“
- 10:00 – 11:00: Sven Hennig (University of Amsterdam)
*„Constraining secondary structures -
Modulating transcription factor activity“*
- 11:00 – 11:30: Christof Domnick & Lisa Bornewasser
(Kath-Schorr Lab, University of Cologne)
„Synthesis and labeling of nucleic acids“
- 11:30 – 12:30: Tzu-Chen Lin (Summerer Lab, TU Dortmund)
*„Designer Proteins for Decoding and Editing the
Expanding Epigenetic DNA Alphabet“*
- 12:30 – 13:45: Lunch
- 14:00 – 14:30: Markus Schütz (University Hospital Cologne)
„Molecular, preclinical Imaging“
- 14:45 – 15:15: Christian Krauss (University Hospital Cologne)
„From preclinical studies to clinical Trials“
- 15:30 – 17:30: Visit Lab Facility of Grüll Lab
(University Hospital Cologne)
- 18:30: Dinner and Get-together

Thu. 09.06.22

- 9:00 – 10:00: Lisa Dietz (Bayer Pharma AG)
„DMPK – Support on the way to Phase I“
- 10:00 – 11:00: Hans-Günther Schmalz (University of Cologne)
*„Aspects of Small Molecules Synthesis for Drug
Discovery“*
- 11:00 – 12:00: Sebastian Pomplun (University of Leiden)
*„Discovery of high affinity ligands from
(self)encoded libraries“*
- 12:00 – 14:00: Lunch
- 14:00 – 15:00: Zbigniew Pianowski (Karlsruhe Inst. of Technology)
*„Smart materials from photochromic cyclic
dipeptides and beyond“*
- 15:00 – 16:00: Irene Coin (University of Leipzig)
*„Genetically encoded chemical tools for protein
studies in the live cell“*
- 16:00 – 17:00: Ruben Ragg (Wiley VCH)
*„Getting Published in 2022 and Beyond: How to
Adapt to a Rapidly Changing Publication
Landscape“*
- 17:00 – 18:00: Visit Lab Facilities
- 18:30: Dinner and Get-together

Fri. 10.06.22

- 9:00 – 10:00: Anikó Pálfi (Heidelberg Pharma)
*„Next Generation ADCs: novel Strategies and
Successes“*
- 10:00 – 12:00: Kurt Ritter (Sanofi)
*„The use of PROteolysis Targeted Chimeras
(PROTACs) for protein degradation – an emerging
modality in chemical biology and drug discovery“*
- 12:00 – 13:30: Lunch

