

Program

MONDAY (09/14/20)

13:45-14:00
Welcome

Lecture
14:00-15:30
Prof. Dr. Daniel Huster

Good
Scientific
Practice

Guest Speaker
15:30-16:30
Dr. Martha Sommer

TUESDAY (09/15/20)

Group Work - Supervision Agreement

09:00-09:30
Presentation of
DFG supervision
agreement
proposal

09:30-11:00
Group Work

11:45-12:00
Presentation of
Results

PhD - Talks

14:00-14:20
Miron Gershkovich
14:20-14:40
Victoria Behr
14:40-15:00
Corinna Schüss
15:00-15:20
Alexei Sirbu

PhD - Talks

15:45-16:05
Matthias Voitl
16:05-16:25
Romy Thomas
16:25-16:45
Chiara De Faveri

Workshop

WEDNESDAY (09/16/20)

09:00-17:00
Dr. Carsten Rohr
Convince with
your
conference talk -
presentation
skills for scien-
tists

Group Work - PhD Regulations

THURSDAY (09/17/20)

09:00-10:30
Follow up:
Supervision
agreement

10:45-12:00
Regulations of
the different
faculties - from
the doctoral
student list to the
submission of
your thesis

PhD - Talks

13:40-14:00
Victoria Groß
14:00-14:20
Wilbert Post
14:20-14:40
Anne-Kristin Dahse
14:40-15:00
Franziska Reinhardt

Guest Speaker

15:15-16:15
Dr. Lars
Baumann

FRIDAY (09/18/20)

PhD - Talks

09:00-09:20
Lisa Martin
09:20-09:40
Emelyne Pacull
09:40-10:00
Fabian Liessmann
10:00-10:20
Victoria Most

PhD - Talks

10:45-11:05
Marvin Bremer
11:05-11:25
Fabio Pieretti
11:25-11:45
Karolin Phillipp

11:45-12:00
Farewell



1st virtual Summer School

Graduate School of CRC 1423

Structural Dynamics of GPCR Activation and
Signaling

September 14-18, 2020

Funded by
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UNIVERSITÄT
LEIPZIG



MDC MAX DELBRÜCK CENTER
FOR MOLECULAR MEDICINE
IN THE HELMHOLTZ ASSOCIATION



MARTIN-LUTHER-UNIVERSITÄT
HALLE-WITTENBERG

Workshop

Convince with your conference talk -
presentation skills for scientists

Presenting your results is part of being a scientist: in your group seminar, on a conference, for your PhD defense or for the general public. How can you do this convincingly?

The topics covered by this workshop are:

- Planning and structure
- Memorable start and ending
- Speech, voice and body language
- Visualization and graphics
- Slide composition

My trainings are “work”shops, meaning that the participants apply the learned material to your own presentations right there. Therefore, everybody should bring presentations (old or upcoming ones) to work with. I’m giving presentation skills workshops especially for scientists, because speaking the same language is a great advantage for tailoring the presentations effectively. Secondly, I know that most scientists talk about their topic with shining eyes. Often that excitement is gone, the moment they stand in front of a crowd. To tap into this enthusiasm during your talk is particularly important to me. And for that enthusiasm to reappear you need to feel save with what you are doing in your presentation.



Dr. Carsten Rohr

Workshops for Scientists
Presentation – Efficiency –
Writing

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Talks

AC2 Emelyne Pacull
Dynamics of the Ghrelin Receptor Investigated by
Solid-State NMR

AC3 Marvin Bremer
Characterizing the Molecular Interactions of Y2
Receptor with NPY

AC4 Matthias Voitel
NMR Studies on the Neuropeptide Y1 Receptor

AC7 Victoria Most
Modelling a Misfolded State of Rhodopsin

AC7 Fabian Liessmann
Homology Modeling of GPR114/ADGRG5

BO1 Corinna Schüss
Allosteric Modulation of the Pancreatic Polypeptide
Receptor by Small Molecules

BO1 Victoria Behr
Cell Free Protein Synthesis of the Human Y4 Receptor

BO3 Miron Gershkovich
The FLP/NPR System – the Expanded NPY-like System
in *C.elegans*

BO4 Karolin Phillipp
Application of Genetically Encoded Tools for the Study
of GPCR Interactions and Dynamics

BO4 Fabio Pieretti
Mapping Binding Sites of Natural Agonists on the Y5
Receptor Using Genetically Encoded Crosslinkers

BO5 Anne-Kristin Dahse
Uncovering Interactors of the Drosophila aGPCR
Latrophilin/dCIR

GO1 Franziska Reinhardt
Evolution of GPCRs: Amino Acid Conservation in
Chordata Groups and High Quality Annotation of
GPCR Sequences

GO3 Alexei Sirbu
Membrane Curvature and GPCR Localisation,
Dynamics and Signaling

GO4 Victoria Groß
Identification and Functional Characterization of the
Splice Variants of the aGPCR LAT-1 and their
Relevance *in vivo*

GO4 Wilbert Post
Elucidating Interaction Partners and Activation of the
Adhesion GPCR LAT-1

GO5 Chiara De Faveri
Installing Small Fluorescent Probes on the Muscarinic
Receptor M2 for Studies of Structural Dynamics

GO5 Lisa Martin
Identification and Characterization of GPCR Signaling
Nanodomains

GO5 Romy Thomas
Development of M2R-FRET Sensors to Monitor
Structural Dynamics of Allosteric Coupling in GPCRs

Guest - Speaker



Dr. Martha Sommer

Institute of Medical Physics and
Biophysics, Charité Berlin

My twenty years' obsession
with arrestin-GPCR interactions



Dr. Lars Baumann

Bayer AG,
Research & Development,
Pharmaceuticals
Lab head “Peptide Drug
Innovations”