1. Berlin Interdisciplinary Symposium for Young GPCR Researchers

12th April 2018 10:30–18:30

Freie Universität Berlin, Institute of Pharmacy

10:00 – 10:30	Arrival, Registration and Coffee
10:30 – 10:40	Opening
10:40 – 12:00	**Session 1 (Andreas Bock, MDC Berlin)**
10:40 – 11:00	Marcel Bermudez (FU Berlin) *Challenges for young researches in interdisciplinary science*
11:00 – 11:20	Martha Sommer (Charité Berlin) *Dynamics of arrestin - GPCR interactions*
11:20 – 11:40	Viola Spahn (Charité Berlin) *Development of pH-sensitive opioids without side effects*
11:40 – 12:00	Arthur Gibert (FMP Berlin) *Influence of cellular aging on the trafficking and signaling of GPCRs*
12:00 – 13:00	Lunch break + Poster presentations
13:00 -15:00	**Session 2 (Marcel Bermudez, FU Berlin)**
13:00 – 13:20	Paolo Annibale (MDC Berlin) *High spatiotemporal resolution microscopy to study GPCR localization and dynamics*
13:20 – 13:40	Patrick Scheerer Group (Charité Berlin) *Structural biology on visual and non-visual GPCRs*
13:40 – 14:00	Till Althoff (Charité Berlin) *G-Protein-biased GPCR-ligands for the treatment of vascular disease*
14:00 – 14:20	Patrick Marcinkowski (FMP Berlin) *Targeting the TSH receptor by small molecules as NAM*
14:20 – 15:00	Poster short talks
15:00 – 15:45	Coffee break + Poster presentations
15:45 – 16:00	Group photo (backyard)
16:00 – 17:20	**Session 3 (Martha Sommer, Charité Berlin)**
16:00 – 16:20	Anna Zemella (Fraunhofer IZI Golm) *GPCR production in insect cells*
16:20 -16:40	Andreas Bock (MDC Berlin) *Cellular cAMP signaling occurs in nanodomains*
16:40 – 17:00	Alexander Stumpf (Charité/DZNE Berlin) *CB2 receptors mediate cell type-specific self-inhibition in cortical neurons*
17:00 – 17:20	Sarah Paisdzior (Charité Berlin) *Trojan Horse: Using GPCR internalization to overcome a defect of hormone transport into the cell*
17:20 – 18:30	Discussion of strategies for successful interdisciplinary research
19:00	Dinner at *'Luise'* (at one's own expense)