

**October 3rd (Tuesday) 2023**

08:00 – 09:00	Arrival & Registration for MC members
09:00 – 12:00	<b>MC meeting</b> (Coffee served during the meeting))
12:00 – 13:30	Lunch at MedILS
13:30 – 15:30	<b>Workgroup meetings</b>
15:30 – 16:00	Coffee break, registration continued
16:00 – 17:40	<b>Session #1 (Chair Ines Liebscher, Leipzig University, Germany)</b>
16:00 – 16:05	Opening word (Katarina Trajkovic, MedILS)
16:05 – 17:00	<b>Xianhua Piao (virtual)</b> University of California, USA <b>ADGRG1/GPR56 Regulates Microglial Actin Dynamics and Phagocytosis to Limit Alzheimer's Disease Progression</b>
17:00 – 17:40	<b>Anne Bormann</b> Leipzig University, Germany <b>Intron retention of an adhesion GPCR generates single transmembrane-helix isoforms to enable 7TM-adhesion GPCR function</b>
17:40 – 19:00	<b>Posters</b>
19:00 – 20:30	Dinner at MedILS

**October 4 (Wednesday) 2023**

09:00 - 12:40	<b>Session #2 (Chair Sasa Jovanovic, Leipzig University, Germany)</b>
09:00 - 10:00	<b>Patrick Barth</b> EPFL, Switzerland <b>Uncovering and engineering the mechanical properties of the adhesion GPCR ADGRG1 GAIN domain</b>
10:00 - 10:40	<b>Peter Hildebrand</b> Leipzig University, Germany <b>Mechanistic insights into receptor mediated G protein activation</b>
10:40 - 11:10	<b>Posters / coffee break</b>
11:10 - 11:50	<b>Florian Seufert</b> Leipzig University, Germany <b>Unveiling the GPS Cleavage Mechanism in ADGRL1 with QM/MM</b>
11:50 – 12:40	Tour around MedILS (Ana-Marija Vuckovic)
12:40 – 14:10	Lunch at MedILS
14:10 – 16:30	<b>Session #3 (Chair Katarina Trajkovic, MedILS)</b>
14:10 - 15:10	<b>Jeff Savas</b> Northwestern University, USA <b>Identification of ligand-receptor interactions using extracellular domain Fc fusion protein baits and shotgun proteomic analysis</b>
15:10 – 15:50	<b>Sandra Berndt</b> Leipzig University, Germany <b>GPR126/ADGRG6 Arrestin Interaction</b>
15:50 – 16:30	Coffee break
17:30 – 19:30	Guided city tour for interested participants
19:30 – 21:00	Free activities / dinner in the city (Bistro Ka' doma) for interested participants

**October 5th (Thursday) 2023**

09:00 – 11:20	<b>Session #4 (Chair Simone Prömel, Heinrich Heine University Düsseldorf, Germany)</b>
09:00 - 10:00	<b>Nicole Scholz</b> Leipzig University, Germany <b>Adhesion GPCR-dependent communication across cells</b>
10:00 – 10:40	<b>Stephanie Pick</b> HHU Düsseldorf, Institute of Cell Biology, Germany <b>The adhesion GPCR ADGRL1/LPHN1 is involved in the regulation of food intake</b>
10:40 - 11:20	<b>Sandra Žáčková</b> Institute of Organic Chemistry and Biochemistry of Czech Academy of Sciences, Czech Republic <b>The expression changes of selected adhesion G-protein-coupled receptors in lung adenocarcinoma and colorectal carcinoma cell lines infected with SARS-CoV-2 and the effect of their knock-down on viral replication</b>
11:30 - 13:00	Lunch at MedILS
13:00	Departure