

Schedule of AK-Ulrich Group Meeting in Söllerhaus, 4-7 October 2017 updated

Time	Wednesday 4/10	Thursday 5/10	Friday 6/10	Saturday 7/10
8.00		Breakfast	Breakfast	Breakfast
9.00	Travel from Karlsruhe by bus Meeting place: 9.00 at the KIT shuttle bus stop outside building 30.81, Campus Süd (the AKK building)	Session 3. Photocontrolling (Johannes) Tim <i>Suzuki: Everything boron? Negishi: No, zinc twice!</i> Sasha <i>Photoswitchable model hemolytic peptides</i> Daniel T <i>Photoactive analogs of the antimicrobial peptide KIGAKI</i>	Session 7. NMR (Sergii) Alexander ³¹ P-NMR studies of the lateral diffusion of lipids under the influence of KIGAKI Stephan (¹⁹ F) Parvesh <i>FAW</i>	Session 9. Mixed (Parvesh) Ahmet <i>Platinum based luminescent tags to monitor aggregation of amyloid fibrils</i> Ronja <i>Updates aus dem Genlabor</i> Li <i>The degradation specificity of Thermobifida fusca studied by structural bioinformatics and functional omics</i> THE END
10.45		Discussion and coffee	Discussion and coffee	Discussion and coffee
11.15		Session 4. TMHs + Peptides II (Jochen) Dirk <i>Structural characterization of the EGF receptor transmembrane segment</i> Sebastian <i>Studies of the interaction between the viral oncoprotein E5 and the PDGF receptor α and β</i> Johannes R <i>Fluorimetric tools for determination of oligomeric states of PGLa and magainin 2 in lipid membrane</i>	Session 8. ¹⁹F-labeling (Dirk) Sergii <i>¹⁹F-labelling of peptides: could we do better than Bpg?</i> ‡ Hanna <i>New CF₃-substituted phenylalanine analogue as a ¹⁹F-NMR-label</i>	11.30 Travel to Karlsruhe by bus Lunch package from Söllerhaus
13.00	Coffee and snack	13.00 Lunch	12.30 Lunch	
14.30	Session 1. Peptides I (Chair: Birgid) † Anne <i>Welcome and introduction</i> † Erik <i>Seminar information</i> Tomas Kubar <i>Peptaibol harzianin HK VI in a DMPC bilayer - how computer simulation accompanied the experiment</i> *Julian <i>Role of glutamine residues on structure, alignment and function of TisB</i> Aastha <i>Cellular translocation by DCD-derived peptidess</i>	14.30 Session 5. AMPs + Flipping helices I (Stephan) Erik <i>Effect of lysolipids on the orientation of MSI-103 in membranes</i> Fabian <i>Biological and biophysical investigations of the aggregation behavior of amphipathic β-sheet forming peptides</i> Torsten <i>Holes, pores, zippers and flipping helices</i>	Hike in the mountains	
16.15	Discussion and coffee	Discussion and coffee		
16.45	Session 2. CD + BsrG (Torsten) Jochen <i>Far- and near-UV CD benchmarking study within the ARBRE-MOBIEU network</i> Maïke <i>Investigation of the self-association of BsrG from Bacillus subtilis</i> ‡ Katharina <i>More BsrG – completing the circle – update and PhD defense talk</i>	Session 6. Flipping helices II (Erik) Annika <i>Structure determination of the pinholin from the phage 21 using solid-state NMR spectroscopy</i> Jan <i>Investigation of the flipping transmembrane helix in the pinholin from the phage 21</i> ‡ Lena <i>Flippende Transmembranhelices</i>		
18.30	Dinner	Dinner	Dinner	Final version 171002

Symbols: No symbol: normal talk (25 min talk + 10 min questions), † very short talk (5 min), * short talk (10 + 5), ‡ PhD defense practice talk (20 + 15)