

Schedule of AK-Ulrich Group Meeting in Odenwald, BIEK Gästehaus, Hassenroth, 17-19 September 2025

Time	Wednesday 17/9	Thursday 18/9	Friday 19/9
8.00	8.15 Meeting for travel from Karlsruhe	Breakfast	Breakfast
9.00		Session 4. Latarcins (Serhii) Parvesh <i>To be or not to be... in the membrane</i> Marnie <i>A tale of two sites in Ltc1</i> Kieron <i>Structure analysis of Ltc5 and the role of aromatic residues</i> Luca <i>Improving the therapeutic index of Ltc3a</i>	Session 6. (Pin)holins and Psp (Parvesh) Torsten <i>Holin classes</i> Rebecca <i>Tackling the pinholin topology problem - TMD1 under attack</i> Dennis <i>Updates on pinholin and the bacterial phage shock response</i> Patrick <i>Psp effectors - from plasmids to proteins</i>
11.00	Arrival in Odenwald	Discussion and coffee	Discussion and coffee
11.30	Session 1. Introduction & Peptides (Chair: Birgid) †Anne <i>Welcome</i> †Erik <i>Seminar introduction</i> Sergii <i>Towards the mode of action of gramicidin S</i> Nataliia <i>Strategy of obtaining antibody-drug conjugates. Design of ASICs modulators</i>	Session 5. Photoswitches I (Tamta) Igor <i>Photopharmacology vs photodynamic therapy: a comparative analysis</i> Serhii <i>PhotoLECs: development of diarylethene-based biostable photoswitchable lectins for bioapplications</i>	Session 7. RTKs (Erik) Moritz <i>Investigating transmembrane helix-helix interactions as regulators of the RTK-activity</i> Dominic <i>Investigation of side chain specificity of the PDGFRβ-E5-Interaction</i>
12.30	Project discussion	Project discussion	Project discussion
13.00	Lunch	Lunch	Lunch
14.00	Session 2. KIA peptides (Stephan) Erik <i>KIA-like peptides – increasingly complex antimicrobial model peptides</i> Mark <i>Effect of position and numbers of prolines on the structure and activity of MKIA peptides</i> Ekaterina <i>KIA-like peptides with different amino acids</i>	Walk Or other activities	Session 8. Photoswitches II (Torsten) Hannah <i>Diarylethene-modified gomesin: light-controlled modulation of peptide activity</i> Anton <i>In silico design of light-controllable analogues of anti-cancer peptides</i> END
15.30	Discussion and coffee		Buffer time and coffee
16.00	Session 3. Membranes/Cells (Sergii) Stephan <i>Peptides with shape in membranes</i> Xinru <i>Influence of curvature modulating peptides on membranes</i> Iryna <i>Polarized activation of phagocytes of different tissue origin upon interaction with bacteriophages</i>		17.00 Return to Karlsruhe
17.30	Project discussion		
18.30	Dinner	18.00 Dinner	

Normal talks: 20 min talk + 10 min questions, † very short talk (5 min) * After-dinner session

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