

Schedule of AK-Ulrich Group Meeting in Erbprinzh, Ettlingen, 3-5 August 2021

Time	Tuesday 3/8	Wednesday 4/8	Thursday 5/8
9.30	Coffee	Coffee	Coffee
10.00	Session 1. Introduction & Photoswitches (Birgid) †Anne Welcome †Erik Seminar introduction Andrii Photoswitchable gymnopeptide A. Challenges and opportunities Serhii Synthesis of new light-controlled peptides as future payloads to anti-cancer antibodies Jochen Chirality remote control in nanoporous materials by circularly polarized light	Session 3. Antimicrobial peptides (Stephan) Erik Structure-activity studies of helical antimicrobial peptides Patrick Towards a better understanding of the membrane activity of KIA21 Madeleine Vesicle binding and leakage of antimicrobial peptides of different lengths	Session 5. Water (Sergii) Frauke There are more things in heaven and water Lakshmi The effects of hydrogen gas and electromagnetic radiation on different model organisms Alex Bioanalytical use of solid-state NMR
11.30	Project discussion	Project discussion	Project discussion END of meeting
12.30	Lunch	Lunch	Lunch
14.00	Session 2. Pinholins & NMR (Erik) Torsten The dynamic membrane topology of the pinholin protein hampers its structural characterization Sebastian Structural characterization of the full-length pinholin Stephan Dynamics	Session 4. Membrane-active peptides (Torsten) Parvesh Membrane interactions of laticins: antimicrobial peptides from spider venom Sergii The others like it hot Eslem Studying the cytotoxicity of membrane-active peptides	Senior scientist meeting
15.30	Coffee and project discussion	Coffee and project discussion	
17.00	End	End	

All talks are 30 minutes (20 min talk + 10 min questions), † very short talk

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