

Schedule of AK-Ulrich Group Meeting in Söllerahaus, Hirschegg, Austria, 1-4 August 2022

Time	Monday 1/8	Tuesday 2/8	Wednesday 3/8	Thursday 4/8
8.00		Breakfast	Breakfast	Breakfast
9.00	9.40 Meeting at KIT CS, outside building 20.14 10.00 Bus from Karlsruhe	Session 2. Receptors (Sergii) Sebastian <i>Activation mechanisms in receptor tyrosine kinases</i> Vicky <i>Influence of the membrane thickness on the structure and orientation of the EGF-receptor</i> Sarah <i>Heterocomplex formation between the viral oncogenic E5 protein and mutants of the PDGF-receptor α and β</i>	Session 5. Latarcins (Tamta) Parvesh <i>Latarcins: structure analysis of Ltc2a in membranes</i> Marnie <i>Structure-function analysis of Ltc1</i> Kieron <i>Structure-function analysis of Ltc5</i>	Session 6. Photoswitches (Stephan) Sergii A <i>Cytotoxicity of gramicidin S-derived lumobiotics</i> Serhii Kharchenko <i>Pin1 inhibitors with photocontrolled biological activity</i> Andrii <i>Photoswitchable gymnopeptide A</i>
10.30		Discussion and coffee	Discussion and coffee	Discussion and coffee
11.00		Session 3. Pinholins (Erik) Dennis <i>Current progress on structural and functional investigation of pinholin</i>	Walk or activities	Session 7. Amino acids (Torsten) Serhii Koniev <i>Let there be light: new unnatural fluorescent amino acids</i> THE END
11.30		Project discussion		
12.00		Lunch	Lunch package	Lunch package
15.00	Session 1. Introduction + Water, H₂ and electromagnetic fields (Chair: Birgid) † Anne <i>Welcome and introduction</i> † Erik <i>Seminar information</i> Stephan <i>¹H₂¹⁷O</i> Torsten <i>Introduction to H₂ and electrosmog</i> Lakshmi <i>Examination of hydrogen gas and electromagnetic field treatment on growth and tissue regeneration in zebrafish embryos</i>	13.30 Session 4. KIA peptides (Parvesh) Erik <i>Towards an understanding of KIA21 activity</i> Michel <i>Rebalanced KIA21: Influence of the balance between charge and hydrophobicity on the structure and membranolytic activity of the antimicrobial peptide KIA21</i>	Walk or activities	12.00 Bus to Karlsruhe
16.30	Discussion and coffee	14.30 Discussion and coffee		
17.30	Project discussion	15.00 Project discussion		
18.30	Dinner	Dinner	Dinner	Preliminary version 220726

Talks: Seniors, postdocs, master students, bachelor students (20 min talk + 10 min questions), †very short talk (5 min)