

Final schedule of AK-Ulrich Group Meeting in Annweiler, 28 July – 1 August 2013

Time	Sunday 28/7	Monday 29/7	Tuesday 30/7	Wednesday 31/7	Thursday 1/8
8.00		Breakfast	Breakfast	Breakfast	Breakfast
9.00	Travel from Karlsruhe by car 12.45 Arrival at Annweiler	Session 3 Peptides (Sergii) Johannes R <i>P:L and MIC – how are they related?</i> Julia <i>Characterisation of gramicidin S granules</i> Oleg <i>Design and synthesis of a new molecular photo-switch based on diarylethene unit</i>	Session 7. (SR)CD/OCD (Torsten) Siegmar <i>Synchrotron CD-Spektroskopie: Optik, Signale und Technik</i> Jochen <i>Part 1: Short update on UV-CD12 as a user facility. Part 2: OCD structural characterization of PG-1 (collaboration project)</i>	Session 9. Magainins (Erik) Sarah <i>Optimization of PGLa and magainin: role of glycines on activity and synergy</i> Jonathan <i>Interaction studies on magainin family peptides and analogues</i> Sabine <i>Detailed comparison of PGLa MD simulations with NMR measurements</i>	Session 12. AMPs (Marco) Parvesh <i>Anionic lipid clustering by cationic AMPs</i> Erik <i>Orientation of long and short membrane-bound peptides from SSNMR data</i> AriadnaGrau Campistano <i>Does size matter? Influence of the length in KIAGKIA peptides</i>
10:45		Discussion and coffee	10.10 Discussion and coffee	Discussion and coffee	Discussion and coffee
11.15		Session 4. Biofilms (Tamta) Benjamin <i>Structural and functional studies on membrane bound TisB</i> Papia <i>Wanted and unwanted transition to biofilms – a story of TisB and antimicrobial peptides</i> Raffaele <i>ERNS - Envelope Protein RNase Secreted: a multifunctional protein of pestiviruses</i>	10.40 Session 8. Technical work (Stephan) *Markus <i>Von der Hochfrequenz zum Spektrum</i> *Hartmut <i>Protein Origami - aktueller Stand</i> *Johannes P <i>IT-News</i> *Andrea <i>Peptidsynthese</i> *Steffi <i>Molekularer Baukasten-Mutagenese</i>	Session 10. NMR methods (Dirk) Stephan <i>NMR relaxation in oriented membranes</i> Xu <i>Distance measurements between peptides in membrane</i> Anna Zhdanova <i>New CF₃-substituted phenylalanine analogue as a ¹⁹F-NMR-label</i>	Session 13. CPPs/Lipids (Parvesh) Sergii <i>Conformational plasticity and membrane interactions of the cell-penetrating peptide SAP</i> Marco <i>Membrane interactions of modified cell-penetrating peptides</i> Sezgin <i>Evaluation of phytanoyl lipids as model membrane systems</i> END
13.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.30	Session 1. Introduction and E5-PDGFR I (Chair: Birgid) Anne <i>Welcome</i> Erik <i>Seminar information</i> Katharina <i>The spark jumps across: first intermolecular NMR contact measurements of the E5/PDGFR complex</i> Dirk <i>E5 and PDGFR: a possible mechanism of the E5-mediated receptor activation</i>	Session 5. Tat (Johannes R) Torsten <i>Search for experimental proofs reloaded: The new postulated Twin-Arginine translocation mechanism</i> Eva <i>Investigations of the complex size of soluble TatA and the crucial role of the TatA TMS in the new postulated translocation mechanism[#]</i> Christina <i>Fluorescence spectroscopy of TatA and proof of the new translocation mechanism by translocation assays</i>	Outdoor activity: Walking tour to Trifels	Session 11. Special activity KIT-Personalentwicklung: Moderation by Ernst Aumüller <i>Different roles and functions in the team-building process of an institute</i>	Return to Karlsruhe
16.15	Discussion and coffee	Discussion and coffee			
16.45	Session 2. E5-PDGFR II (Dirk) Nermin <i>Spezifische ¹⁵N- und ¹⁹F-Markierung des Onkoproteins E5</i> Colin <i>The behavior of PDGFRβ-TMD in different lipid systems and membrane domains</i>	Session 6. Dermcidin (Jochen) Sebastian <i>Part I: Expression, purification and NMR studies on dermcidin. Part II: Charge zippers in the antimicrobial peptide database (APD)</i> Philipp <i>Dermcidin – a story of sweat, blood and tears</i>			Symbols: Normal talks (25 min + 10 min) *Short talk (15 min + 5 min questions) [#] Full title not shown due to lack of space
18.00	Discussions	Discussions			
19:00	Dinner	Dinner	Dinner	Dinner	Preliminary version last updated 130719