Final schedule of AK-Ulrich Group Meeting in Bad Honnef, 5-9 August 2012

Time	Sunday 5/8	Monday 6/8	Tuesday 7/8	Wednesday 8/8	Thursday 9/8
8.00		Breakfast	Breakfast	Breakfast	Breakfast
9.00	8.45 Meeting Karlsruhe Hbf 9.01 Train from Karlsruhe 12.35 Arrival at Bad Honnef	**Session 3. Peptides I (Jochen)** Erik *Strengths and limitations of our ^{19}F-NMR method to study membrane-bound peptides* Parvesh *Multifunctional peptide BP100: then and now* Stephan *Dynamics of membrane-active peptides from NMR relaxation*	**Session 8. Workshop (Stephan)** * Daniel, Julian, Alice, Steffen, Tobias *Konstruktion und Fertigung* *Marvin *Frequenz-Filter* *Markus *Probenköpfe* *Hartmut *Anwendungen von ^{19}F-Probenköpfen*	**Session 9. Peptides II (Erik)** Jonathan *Lipid shape is a key factor in the synergistic reorientation of PGLa and magainin 2* Julia *^{19}F-NMR investigations of membrane-active peptides in native membranes* Sezgin *NMR studies on the interaction of PGLa with phytanoyl containing lipids*	**Session 12. Fluorine and CPP (Nico)** Pavel *Recent advances in the synthesis of fluorinated amino acids* Vladimir *SAP and its proline-labelled analogs: investigations in solution and lipid bilayers* Papia *Structure function analysis of cell penetrating peptide LMTP and studying AMP induced biofilms using CBD*
11.00		Discussion and coffee	Discussion and coffee	Discussion and coffee	Discussion and coffee
11.30		**Session 4. Biofilms (Stephan)** Marina *Biofilm-promoting and biofilm-combating membrane active peptides*	**Session 7. Lab work (Parvesh)** *Andrea *Peptidsynthese an der festen Phase* *Kerstin *Peptidreinigung mittels HPLC und Qualitätskontrolle mittels LC/MS* *Hartmut & Johannes P *Peptide origami, ordering procedures, and IT news*	**Session 10. E5/PDGFR (Pavel)** Colin *E5 and the PDGF receptor - in intimate togetherness* Dirk *Behaviour of E5 in membranes*	**Session 13. Optical Spectroscopy (Dirk)** Jochen *Update on UV-CD12 @ ANKA (part I). Method of oriented circular dichroism (OCD) - a review (part II).* END
12.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.30	**Session 1. Introduction and Tat I (Chair: Birgid)** Anne *Welcome and introduction* Erik *Seminar information* Torsten *Tat-dependent translocation - overview and outlook* Christina *Tat-dependent translocation - proof of the charge-zipper hypothesis by gel electrophoresis*	**Session 5. TisB (Sergii)** Sergii *The affordable natural analogues of TisB* Benjamin *Membrane-bound structure of biofilm inducing peptide TisB: a solid state ^{19}F-and ^{15}N-NMR study* Thomas Steinbrecher *MD simulations of TisB membrane spanning dimers*	Joint hiking tour to Drachenfels	**Session 11. Peptides III (Mareike)** Philip *Synthesis, purification and structural investigations of SSL-25 and fluorine labelled analogues* Giorgia Manzo *News from Cagliari on two interesting AMPs, esculentin-1b(1-18) and SB056*[#]	14.46 Train to Karlsruhe
16.30	Discussion and coffee	Discussion and coffee		Discussion and coffee	
17.00	**Session 2. Tat II (Torsten)** Eva *Tat-dependent translocation - optimization of the reconstitution conditions* Mareike *Functional analysis of the $TatA_dC_d$ translocase in* B. subtilis	**Session 6. Gramicidin S (Marina)** sebastian *Investigations in the role of the charged zippers in TisB and dermcidin* Oleg *Light-switchable analogues of gramicidin S* Sabine *MD simulations of photoswitch impact on gramicidin S in solution*		Free for activities / Discussions	Symbols: *Technicians (15 min + 5 min questions) Students, postdocs (30 min + 10 min) [#] Full title not shown due to lack of space Final version last updated 120803
18.20	Discussions	Discussions			
19:00	Dinner	Dinner	Dinner	Dinner	