

Program Summer School Projekthaus NanoBioMater

22. June to 24. June 2015 Bad Herrenalb, Germany

Chair: Sabine Eiben [SE], Eva Hoch [EH], Dirk Rothenstein [DR], Anna Schenk [AnSch], Alexander Southan [AS]

Monday, 22. June 2015

11:00 – 13:30	Registration and reception	
12:30 – 13:30	Lunch	
13:30 – 14:30	Christina Wege and Günter Tovar	Welcome to the NanoBioMater Summer School and Presentation of the Projekthaus NanoBioMater
14:30 – 15:30	Jürgen Groll [Chair: AS]	Stimuli-sensitive Hydrogels for Biomedicine: From Drug Delivery to 3D Printing
15:30 – 16:00	Coffee break	
16:00 – 17:00	Robert Liska [Chair: AS]	Advanced Photopolymers for Tissue Engineering
17:00 – 18:00	George Lomonossoff [Chair: SE]	Plant Viruses and Virus-like Particles as Building Blocks for Bionanotechnology
18:00	Dinner	
19:30 – 22:00	Poster session and Get together	

Tuesday, 23. June 2015

9:00 – 10:00	Renko de Vries [Chair: SE]	De-novo Designed Self-assembling Protein Polymers
10:00 – 11:00	Nadia Benkirane-Jessel [Chair: EH]	Advanced Therapeutics Medicinal Implants Equipped with Active Nanoreservoirs of Growth Factors and Stem cells for Regenerative Medicine
11:00 – 11:30	Coffee break	
11:30 – 12:30	Michael Schöning [Chair: DR]	Silicon-based Sensor Approaches @INB with Organic Molecules
12:30 – 13:30	Lunch	
13:30 – 14:30	Leonie Barner [Chair: AS]	Precision Macromolecular Design in Solution and Surfaces: From Thermal to Photochemical Control
14:30 – 15:30	Yuri Gleba [Chair: SE]	New Pharmaceuticals, Biomaterials and Nanoscaffolds from Plant Viral Vectors
15:30 – 16:00	Coffee break	
16:00 – 17:00	Cordt Zollfrank [Chair: DR]	Inorganic Structural and Functional Materials from Biotemplates
17:00 – 18:30	Poster session	
18:30	Barbeque	

Wednesday, 24. June 2015

9:00 – 10:00	Helmut Cölfen [Chair: AnSch]	Additive Controlled Mineralization and Analytical Ultracentrifugation
10:00 – 11:00	Cornelia Lee-Thedieck [Chair: EH]	Poly(ethylene glycol) Hydrogel-Based Biomaterials for Hematopoietic Stem Cells
10:30 – 11:00	Coffe break	
11:00 – 12:00	Frédéric Marin [Chair: AnSch]	Animal Calcium Carbonate Skeletons and their Organic Matrix
12:00 – 12:30	Sabine Laschat	Closing remarks
12:30 – 13:30	Lunch	