



## Mini-Symposium 'Artificial Binding Proteins'

When: August 6<sup>th</sup> 2009

Where: Großer Hörsaal  
Institut für Biochemie & Biotechnologie  
Kurt-Mothes-Str. 3  
06120 Halle (Saale)

### Program

#### Opening Remarks

09:00 Sven Pfeifer, InnoProfile

#### Scaffold Protein Design & Engineering

Chair: Susann Kilka

09:20 Patrick Studte, InnoProfile  
*Designing scaffold libraries based on eye lens proteins*

09:40 Claudius Stordeur, InnoProfile  
*M7 – a computational designed protein suitable as a scaffold for evolutionary methods*

10:00 *Coffee break*

#### Selection Techniques

Chair: Bo Song

10:20 Hilmar Ebersbach, Novartis  
*Novartis Biologics - Approaches for generation of new therapeutic molecules*

10:50 Markus Fiedler, Scil Proteins  
*The Tat-mediated protein transport as a tool for protein selection*



11:20 Sladjana Tomic, InnoProfile  
*Phage and ribosome display for selection of artificial binding proteins*

11:50 Lunch break

### Applications and Targets

Chair: Claudius Stordeur

12:50 Markus Fändrich, Max Planck Research Unit Halle  
*Structure and antigenicity of A $\beta$  amyloid fibrils*

13:30 Andreas Hoffmann, InnoProfile  
*High yield production of functional TNF-alpha using SUMO-fusion system*

13:50 Qi Zhang, InnoProfile  
*Purification of recombinant EPO produced in E. coli*

14:10 Coffee break

### High-Throughput Screening

Chair: Hannes Grabner

14:30 Karol Kozak, ETH Zurich  
*High content screening data handling using open source alternatives*

15:00 Dominik Schneider, InnoProfile  
*Automated purification and characterization of histidine-tagged proteins*

### Keynote Lecture

15:20 Yuri Gleba, NOMAD  
*Recombinant proteins made in plants: novel ideas for upstreams and downstreams*

16:15 Guided tour in InnoProfile laboratories