

## KICK-OFF MEETING

### “Neuraminidases –targets for influenza therapy“

Jena 18+19/07/2012

#### 18/07/2012 **Workshop**

14:00	Address of welcome	Andreas Sauerbrei (Director of the IVAT) Michaela Schmidtke
14:15	<b>Natural lead structures targeting influenza</b>	Judith Rollinger
14:35	Katsumadain A as innovative influenza neuraminidase inhibitor: Isolation and <i>in silico</i> binding mode studies	Ulrike Grienke
14:55	<b>Targeting influenza neuraminidase - Exploiting protein flexibility</b>	Klaus Liedl
15:15	Computational approaches for identifying influenza neuraminidase inhibitors	Johannes Kirchmair
15:35	Dynamical background of influenza neuraminidase quaternary assembly and catalytic activity	Susanne von Grafenstein
15:55	<b>New synthetic inhibitors of influenza virus replication</b>	Vadim Makarov

COFFEE BREAK (30 min)

16:45	<b>Improving therapeutic strategies for influenza – searching for novel neuraminidase inhibitors that act also against secondary bacterial infections</b>	Michaela Schmidtke
17:05	Evaluation of antibacterial activity of neuraminidase inhibitors – first results obtained with <i>Pseudomonas a.</i>	Christin Leitzinger
17:25	Pneumococcal NA: expression and NAI susceptibility	Elisabeth Walther
17:45	Pathogenicity and oseltamivir susceptibility of pandemic influenza virus A/Jena/5258/09 in mice	Nora Seidel
18:00	Quantification and modelling of influenza in mice	Himanshu

- **Overview about the theoretical background and the project objectives: 20 min**
- Oral presentation of first results: 15 min + 5 min discussion

19/07/2012

09:00 – 18:00 **Internal Kick-Off Meeting**