

1st ILRS Symposium



September 17-18, 2007

Location: Altes Schloss, Dornburg

Monday September 17, 2007

- 12:00** Departure by bus from Jena to Dornburg Castle
(meeting point & departure: backside of the bus station "Beutenberg Campus")
12:10 bus stop city centre "Bibliotheksweg" backside of the ThULB)

Snack bar

13:00 Welcome and Announcements
Axel Brakhage, spokesperson of the ILRS

13:30 Plenary Lecture
Regine Kahmann, MPI for terrestrial Microbiology, Marburg
Secreted protein effectors and how they shape the interaction in the *Ustilago maydis*/maize pathosystem.

1st Session, Interactions between microorganisms I

Chair: Hangxing Yu

- 14:20 Susann Jezewski Sexual development of *Schizophyllum commune* – an interaction between mating pheromones and multi-specific pheromone receptors
- 14:40 Gerald Lackner The genome of the endofungal bacterium *Burkholderia rhizoxinica*
- 15:00 Lidan Ye Studies on halogenating, dehalogenating, demethylating organism communities in soil ecosystems
- 15:20 Katrin Brzonkalik Regulation of the sexual communication system in zygomycetes
- 15:40 Sandra Koers Proteome analysis on the development of the zygomycete *Mucor mucedo*.
- 16:00 Coffee Break

2nd Session, Interactions between microorganisms II

Chair: Shanshan Luo

- 16:30 Anne Behrend Induction of secondary metabolism in streptomycetes – environmental impact
- 16:50 Alexander Funk Regulation of Polyketide synthase gene clusters in *Aspergillus nidulans*
- 17:10 Anindita Sarkar Induction of silent Polyketide synthase gene clusters in *Aspergillus nidulans*
- 17:30 Katrin Volling Apoptosis inhibition of alveolar macrophages upon interaction with conidia of *Aspergillus fumigatus*.
- 17:50 Hangxing Yu Modulation of host cell activation and apoptosis by *Chlamydia trachomatis*

18:15 Poster Session

20:00 *Get together*

22:30 *Return to Jena by bus*

Tuesday September 18, 2007

- 8:15** *Departure by bus from Jena to Dornburg Castle*
(meeting point & departure: backside of the bus station “Beutenberg Campus”
8:25 bus stop city centre “Bibliotheksweg” backside of the ThULB)

9:00 Plenary Lecture

Jean-Paul Latgé, Institut Pasteur, Paris

The cell wall in the survival, growth and virulence of *Aspergillus fumigatus*

9:50 *Coffee Break*

3rd Session, Interactions of pathogenic microorganisms with hosts

Chair: YongQiang Wang

- 10:20 Hoang Hoa Long Bacterial endophytes and *Solanum nigrum* interactions
- 10:40 Shanshan Luo Immune evasion of *Candida albicans* by acquisition of human proteins
- 11:00 Krisztina Truta-Feles Chemotaxins and their functions in gd T cells
- 11:20 *Mini Break*

4th Session, Networks, Interactions and their analysis

Chair: Lidan Ye

11:25	Stefanie Seitz	The role of the RNA-binding protein CHLAMY 1 in the circadian network of <i>Chlamydomonas reinhardtii</i>
11:45	Christian Hummert	Errorregression in DNA-chip analyses with supervised machine learning techniques
12:05	Daniela Albrecht	Integrating data of human-pathogenic fungi by a data warehouse
12:25	YongQiang Wang	Reconstructing the interaction network of reproductive homeotic proteins in a gymnosperm
12:45	Radhika Jain	Regulation of MAP kinases in <i>Aspergillus fumigatus</i>
13:05	<i>Lunch</i>	
14:00	Final Remarks	
14:30	<i>Return to Jena by bus</i>	