

# ILRS Symposium 2011



March 7-8, 2011

Location: Altes Schloss, Dornburg

## Monday, March 7

11:30	Departure	Busbahnhof (tour bus (Sell))
12:00	Snack bar	
12:50	Opening	Prof. Zipfel
13:00	Plenary lecture Prof. Deising	The Colletotrichum infection process on maize - a molecular approach to understand fungal pathogenicity
<b>Session 1</b>		<b>Microbes</b> Chair: Christoph Heddergott
13:40	Michaela Mauß	Unravelling the (bio)chemical processes involved in phytoplankton-virus interactions
14:00	Karthik Mohan	An Insertional Mutagenesis Approach to Understand Temperature Entrainment of the Circadian Clock in <i>Chlamydomonas reinhardtii</i>
14:20	Anita Mac Nelly	Differential expression of reductive dehalogenase gene clusters in <i>Desulfitobacterium hafniense</i> strains mediated by diverse chloroaromatics formed upon fungal lignin degradation
14:40	Swantje Behnken	Genome Mining of Bacteria for Secondary Metabolites
15:00	Dominik Senftleben	A surface hydrophobin in ectomycorrhiza interaction
15:20	Coffee break	
16:00	Plenary lecture Prof. Latgé	Essential role of the cell wall polysaccharides during infection by <i>Aspergillus fumigatus</i>
<b>Session 2</b>		<b>Microbial Interaction with Environment</b> Chair: Alexander Funk
16:40	Daniel Schwenk	Secondary metabolism of a yet unidentified basidiomycete
17:00	Huijuan Guo	Isolation, purification, and structural elucidation of active compounds from insect tissue
17:20	Arne Weinhold	The resistance of plants against genetic manipulation
17:40	Poster talks	1 min talk per poster
18:00	Get together and <b>Poster session</b>	
21:00	Return by bus	

## Tuesday, March 8

08:20	Departure	Busbahnhof
09:00	Plenary lecture Prof. Riesbeck	Outer membrane vesicles released by respiratory pathogens interact with the human host defence
09:40	Coffee break	
	<b>Session 3</b>	<b>Microbial/fungal Interactions with Host</b> Chair: Radhika Jain
10:10	Fabian Horn	Explorative analysis of microarray data for <i>Aspergillus nidulans</i> with the help of Ondex
10:30	Kristin Kroll	Proteomic profiling of the short-term response of <i>Aspergillus fumigatus</i> to hypoxic growth conditions
10:50	Shayista Amin	Molecular Imaging as tool for tracing host-pathogen interaction between <i>Aspergillus fumigatus</i> and chick embryos.
11:10	Shruthi Ramachandra	Sensing, uptake and utilisation of nitrogen sources by the human pathogenic fungus <i>Candida albicans</i>
11:30	Andreas Thywissen	<i>Aspergillus fumigatus</i> conidia interfere with the host endocytosis pathway of alveolar macrophages
11:50	Tina Enghardt	Human Complement Factor H Related protein 5 (CFHR5) and plasmin inactivate complement when bound by <i>Borrelia burgdorferi</i> surface protein CRASP5
12:10	Lunch	
	<b>Session 4</b>	<b>The Host Response</b> Chair: Sarbani Sarkar
13:00	Hannes Eberhardt	Human plasma protein complement factor H-related protein 2 (CFHR2) is a novel complement regulator
13:20	Isabell Kopka	Interactions between complement and kidney cells: implications in renal diseases
13:40	Qian Chen	The Role of Complement in Autoimmune Disease
14:00	Selina Stippa	Functional Characterizations of Variant Forms of the human Complement Regulator CFHR1
14:20	Nayla Jbeily	Ceramide formation in host response to polymicrobial infection and development of organ failure
14:50	Final remarks and awards	
15:00	Return by bus	