

BioSysNet Meeting

Wildbad Kreuth, July 20-21, 2015



Monday, 20.7.2015

Session 1
13:00 – 15:30

Chairperson: Jörg Vogel

Horst Domdey

Welcome

Mona Alzheimer

Novel tissue engineered human 3D infection models to study pathogenesis of Helicobacter and Campylobacter

Claire Maudet

Identification of an miRNA with a dual regulatory role on Salmonella infection

Caroline Tawk

Interplay between the bacterial pathogen Shigella flexneri and host stress granules

Leon Schulte

A long non-coding RNA controlling human monocyte immune and survival signaling

Lars Dölken

Wide-spread disruption of host transcription termination in HSV-1 infection

15:30 – 16:30

Coffee Break & Poster Session

Session 2
16:30 – 18:00

Chairperson: Fabian Theis

Johannes Nuebler & Michael Wolff

A physics approach to identifying microscopic chromatin remodeler mechanisms from averaged nucleosome positioning data

Florian Erhard

High-throughput measurements of Herpes virus infections

Julia Engelmann

Modeling tumor-stroma communication with causal networks

18:00 – 19:30

Dinner

20:00

Discussion of future developments

Tuesday, 21.7.2015

Session 3 9:00 – 10:30	Chairperson: Anja Bosserhoff
Robert Slany	A dichotomic chromatin pattern induced by MLL fusion proteins suggest novel combinatorial therapeutic strategies
Francesc Perez-Branguli	Disease modeling of neurodegenerative diseases using human stem cell technology
Anna Lehle	Caspase-8 deficiency in children with very early onset of inflammatory bowel disease
10:30 – 11:00	Coffee Break & Poster Session
Session 4 11:00 – 12:30	Chairperson: Eckhard Wolf
Sofia Martins	INSC93S transgenic pigs - a novel large animal model for gestational diabetes mellitus
Giulia Felician	RNA-based therapy in cardiac disease
Rebecca Moschall	Dissecting the functional role of Sister of Sex Lethal, the closely related paralogue of Sex Lethal
12:30 – 13:30	Lunch
Session 5 13:30 – 15:00	Chairperson: Gunter Meister
Christoph Goebel	Reactive oxidative species regulate the p16 tumour suppressor
Gesa Richter	Structural evolution of human FOXP2
Claus Kuhn	How piRNAs and lncRNAs regulate gene expression
15:00 – 15:30	Coffee Break & Poster Session
Session 6 15:30 – 17:00	Chairperson: Olaf Groß
Christina Thomas	Novel molecular targets of Imiquimod
Katharina Schneider	The role of Caspase-1 autoprocessing in cell death and cytokine secretion
Thomas Treiber	Identification of RNA-binding proteins that regulate mammalian microRNA biogenesis
17:15	Departure of shuttle
