

# Program Junior Scientist Symposium 2018

Monday, September 24th, 2018

**Venue:** Conference room, Friedrich-Loeffler-Institut, Insel Riems

14:00 Shuttle from Greifswald to Riems (for external PhDs)

15:00 - 15:45 **Keynote Lecture 1:**

*Welcome, Opening and Question time*

Prof. Dr. Dr. Thomas C. Mettenleiter

15:45 - 16:00 Coffee break

16:00 - 16:45 **Keynote Lecture 2:**

*Responding to the West African Ebola virus epidemic in the lab and in the field - a personal account*

Dr. Thomas Hoenen (FLI, Insel Riems)

17:00 - 17:45 Guided tour at FLI Riems, guided by Prof. Dr. Dr. Mettenleiter

17:45 - 18:30 **Keynote Lecture 3:**

*One Health - a new name for an old concept in infectious disease prevention and control*

Prof. Dr. Veronika von Messling (PEI, Langen)

18:30 - 22:00 BBQ at Insel Riems, Get-together

22:00 Shuttle from Riems back to Greifswald (for external PhDs)

Tuesday, September 25th, 2018

**Venue:** Hörsaal 1, Ernst-Lohmeyer-Platz 6, Greifswald

08:15 Welcome, Information

08:30 - 09:30 **Keynote Lecture 4:**

*One Health, but a plurality of moral views*

*On the relevance of ethics in the context of One Health*

Dr. Franck Meijboom (Utrecht University)

09:30 - 10:30 **Spotlight poster session I** (odd numbers, 10 selected PhDs shortly present their poster (3 min))

10:30 - 11:30 **Poster presentations** (odd numbers), coffee break

11:30 - 12:30 **Oral presentations: Session I**  
**Diagnostics, Vaccines and Therapies**

**Molecular pen-side Test for the rapid detection of PPRV under field conditions**

*Sabrina Halecker, IVD*

**Bacterial outer membrane vesicle - target and carrier for oral vaccination of fish against fish pathogenic bacteria and viruses**

*Sven Ostermann, IFI*

**Meta-Omics Analysis of Systemic Effects of Antiinfective Substances (MOASES)**

*Stefanie Wagner, IMP*

**Investigation of the immune response in chickens after immunization with recombinant Newcastle disease vector viruses against highly pathogenic avian influenza**

*Magdalena Murr, IMVZ*

12:30 - 13:30 Lunch

13:30 - 14:30 **Oral presentations: Session II**  
**Epidemiology and Bioinformatics**

**Genetic And Phylogenetic Pleading to Cowpox Virus Species Re-classification**

*Florian Pfaff, IVD*

**The variegated squirrel bornavirus 1 in captive squirrels in Germany - An epidemiologic survey**

*Valerie Allendorf, IFE*

**One Health in Action: Sequence Analysis of Avian Influenza Viruses from the 2016/2017/2018 Outbreak**

*Jaqueline King, IVD*

**Local weather driven model for the potential WNV spread in Germany**

*Suman Bhowmick, IFE*

14:30 - 15:30 **Spotlight poster session II** (even numbers, 10 selected PhDs shortly present their poster (3 min))

15:30 - 16:30 **Poster presentations** (even numbers), coffee break

16:30 - 17:30 **Oral presentations: Session III**

**Applied Sciences: Animal Holding, Welfare and Breeding**

**Generation of a polled phenotype in Holstein-Friesians and Brown Swiss using DNA-nucleases**

*Felix Schuster, ING*

**Modification of the SLCO1B3 gene in order to establish gene editing in chicken**

*Stefanie Altgilbers, ING*

**Inactivation of *Coxiella burnetii* during the short-time heat-treatment of milk**

*Wittwer Marcel, IBIZ*

**Generation and characterization of SLA class I knockout pigs for xenotransplantation**

*Hendrik Sake, ING*

17:30 - 18:15 **Keynote Lecture 5:**

***One Health Aspects of Antimicrobial Resistance***

Prof. Dr. Stefan Schwarz (*Freie Universität, Berlin*)

from 18:30 **Dinner and evening program**

## Wednesday, September 26th, 2018

- 08:15 Welcome
- 08:30 -10:30 **Keynote Lecture 6:**  
***Finished!: The end of the PhD, and what comes next***  
Dr. Síofra McSherry (*Scienza Science Coaching, Berlin*)
- 10:30 - 11:00 Coffee break, poster ranking
- 11:00 - 12:00 **Oral presentations: Session IV**  
**Basic Research: Molecular Mechanisms and Pathogenicity**
- 3D Imaging of Virus Infection in Solvent-Cleared Organs**  
*Luca Zaeck, IMVZ*
- The influence of virus variant selection on Culicoides vector competence for bluetongue virus**  
*Silvija Vuckovic, IMED*
- Mapping the induction of apoptosis in response to arenavirus infection**  
*Julia Holzertland, Junior Research Group Arenavirus Biology*
- The Role of polymorphic membrane proteins (Pmps) in Chlamydia psittaci strains with different infectious potential**  
*Alison Favaroni, IMP*
- 12:00 - 13:00 Lunch
- 13:00 Poster/ Speaker Price, Farewell