

## MGSE PhD Student Retreat

16 – 18 October 2017, Tecklenburg

### Monday, 16 October 2017

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|---------------|--|
| 9.00          | Arrival at university parking lot at the <i>Schloss</i>  |
| 10.00         | Arrival in Tecklenburg<br><i>Address: Evangelische Jugendbildungsstätte, Sonnenwinkel 1, 49545 Tecklenburg</i>   |
| 10.15 – 10.30 | <b>Welcome information about the MGSE and the Retreat</b>  |
| 10.30 – 11.00 | <b>Lars Langhanki</b><br>Institute of Hygiene, Hospital and Environmental Hygiene Group<br>Transcriptomic and epigenomic mechanisms play a role in adaptation of <i>Staphylococcus aureus</i> during long-term persistence in humans               |
| 11.00 – 11.30 | <b>Nadja Haarmann</b><br>Institute of Hygiene, Hospital and Environmental Hygiene Group<br>Phenotypic comparison of <i>Escherichia coli</i> O104:H4 and enteroaggregative <i>Escherichia coli</i>  |
| 12.00 – 13.30 | <i>Lunch break</i>   |
| 13.30 – 14.00 | <b>Marco Chittò</b><br>Institute of Hygiene, Microbial Genome Plasticity Group<br>Evolution of bacterial genomes: the role of pathogenicity island-encoded integrases  |
| 14.00 – 14.30 | <b>Yeisson Gutiérrez</b><br>Institute of Landscape Ecology, Animal Ecology and Multitrophic Interactions Group<br>Effects of global change drivers on insects reproduction   |
| 14.30 – 15.00 | <b>Sergio Ávila</b><br>Institute for Evolution and Biodiversity, Evolution and Sexual Conflict Group and Animal Evolutionary Ecology Group<br>Fitness effects of andropin, a male-specific antimicrobial peptide of <i>Drosophila melanogaster</i> |
| 15.00 – 15.30 | <i>Coffee break</i>  |
| 15.30 – 16.30 | <b>Caroline Zanchi</b><br>Institute for Evolution and Biodiversity, Animal Evolutionary Ecology Group<br>Ecology and evolution of the antimicrobial defense system in an insect model  |
| 16.30 – 17.30 | <b>Christoph Scherber</b><br>Institute of Landscape Ecology, Animal Ecology and Multitrophic Interactions Group<br>Global change effects on multitrophic interactions: Combining classical and molecular approaches                                |

18.00 *Dinner*

19.00 **Discussion round:** MGSE Symposium, Münster Evolution Meeting 2018, general issues within the MGSE

## Tuesday, 17 October 2017

8.30 *Breakfast*

9.30 – 10.00 **Susanne Sangenstedt**  
Institute of Neuro and Behavioural Biology, Department of Behavioural Biology  
Does the early social environment prepare for the future? Adaptations to low-density populations

10.00 – 10.30 **Alexandra Mutwill**  
Institute of Neuro and Behavioural Biology, Department of Behavioural Biology  
Social niche, behavioural strategies and reproductive success - A study in guinea pigs

10.30 – 11.00 *Coffee break*

11.00 – 11.30 **April Kleppe**  
Institute for Evolution and Biodiversity, Molecular Evolution and Bioinformatics Group  
Translational readthrough in yeast

12.00 – 13.30 *Lunch break*

13.30 Departure to Bramsche

14.30 90-min guided tour at *Varusschlacht Museum und Park Kalkriese*

17.00 Departure to Tecklenburg

18.00 *Dinner*

## Wednesday, 18 October 2017

8.30 *Breakfast*

9.30 – 10.30 **Claudia Fricke**  
Institute for Evolution and Biodiversity, Evolution and Sexual Conflict Group  
Determinants of male reproductive success - why does it need so many proteins?

10.30 – 12.00 **Discussion of article Laland et al vs. Wray et al. "Does evolutionary theory need a rethink?"**

12.00 Departure to Münster