

Retreat of the Collaborative Research Center 1182 “Origin and Function of Metaorganisms”

Maritim Hotel, Bismarckallee 2, 24105 Kiel

Thursday, May 24th 2018

- 08:30 - 09:00 *Welcome coffee and Registration*
- 09:00 - 09:20 **Welcome by Thomas Bosch**
- 09:20 - 12:50 **Presentation of Individual CRC 1182 Projects**
15 min per project + 5 min discussion
Chair: Cornelia Jaspers
- 09:20 – 10:00 **A3 - T. Dagan, E. Holtgrewe-Stukenbrock**
Domestication-driven metaorganism evolution in wheat
- 10:00 - 10:30 *Coffee*
- 10:30 - 11:50 **A1 - K. Dierking, M. Leippe, H. Schulenburg, A. Tholey**
C. elegans microbiota interactions
- 11:50 - 12:50 **A4 - T. Bosch, S. Fraune, H. Schulenburg, A. Traulsen**
Mathematical modeling of interactions in evolving metaorganisms
- 12:50 - 13:50 *Lunch*
- 13:50 - 14:10 **Guest Speaker: Stephan Weidinger (UKSH Dermatologie)**
Skin-microbiome interactions
- 14:10 - 14:30 **Guest Speaker: Paul Rainey (MPI Evolutionsbiologie)**
Exploring the impact of lateral gene transfer on the evolution of microbial communities
- 14:30 - 11:50 **Presentation of Individual CRC 1182 Projects**
15 min per project + 5 min discussion
Chair: Ute Hentschel
- 14:30 – 15:10 **A2 - J. Baines, A. Franke**
Host-microbiota co-evolution in the mammalian intestine
- 15:10 - 15:40 *Coffee*
- 15:40 - 16:00 **C1 - T. Bosch**
Impact of symbiotic microbes and algae on developmental processes of Hydra

- 16:00 - 16:40** **C2 - T. Roeder, P. Rosenstiel**
Effects of malnutrition on epithelkia-microbe interactions in flies and mice
- 16:40 - 17:20** **C3 - T. Dagan, N. Dubilier**
The deep sea *Bathymodiolus* metaorganism
- 17:30 - 18:00** **Award Ceremony: Young Investigator Award**
- 18:00 - 18:15** **Group photo**
- 19:00 - 20:00* *Dinner*
- 20:30** **Poster Session** (with Wine and Beer)

Friday, May 25th 2018

- 08:00 - 08:30* *Welcome coffee*
- 08:30 - 09:30** **cont. Presentation of Individual CRC 1182 Projects**
15 min per project + 5 min discussion
Chair: Tal Dagan
Z2 - U. Hentschel Humeida, R. Schmitz-Streit
INF - J. Dutheil, A. Franke, C. Kaleta, S. Lorenz, H. Marten
Z3 - J. Baines, R. Häsler, P. Rosenstiel
- 09:30 – 09:45** **(Ass. Member) C. Kaleta**
Elucidating the metabolic potential of microbiomes
- 09:45 - 10:05** **Guest Speaker: Olivia Roth (GEOMAR)**
Unravelling the coevolution of pregnancy, the immune system and the microbiota
- 10:05 - 10:30* *Coffee*
- 10:30 - 10:45** **Guest Speaker: Kerstin Kremer (IPN)**
The science outreach magazine "Ich bin Meta" - Promoting trust, interest and science understanding
- 10:45 - 10:25** **B1 - S. Fraune, U. Hentschel Humeida**
Host-microbe cross talk in the early metazoan taxa Porifera and Anthozoa
- 10:25 - 11:05** **B2 - T. Reusch, R. Schmitz-Streit**
Microbiota – host interactions at the base of the metazoan tree
- 11:05** **Concluding remarks and discussion** incl. "scientific good practice"
Chair: Thomas Bosch
- 12:00 - 13:00* *Closing Lunch*