

8th Retreat of the Collaborative Research Center 1182 “Origin and Function of Metaorganisms”

Maritim Hotel Bellevue Kiel, April 20th-21st, 2022

Wednesday, April 20th 2022

12:00 - 13:00 *Lunch*

13:00 - 13:15 **Welcome by Thomas Bosch**

8 min presentation & 2 min discussion

*Three topics to be covered: 1) Background,
2) Aims & goals for funding period 3,
3) Vision for CRC1182 in funding period 3*

13:15 - 14:45	A - Evolution and Ecology (Chair: U. Hentschel Humeida)
	A1 - Molecular basis and evolutionary dynamics of <i>C. elegans</i>-microbiome interactions
13:15 - 13:25	A1.1: Hinrich Schulenburg
13:25 - 13:35	A1.2: Katja Dierking
13:35 - 13:45	A1.5: Christoph Kaleta
	A2 - Host-microbiome coevolution in the mammalian intestine
13:45 - 13:55	A2.1: John Baines
13:55 - 14:05	A2.2: Andre Franke
	A3 - Colonization dynamics and resilience to fungi in the wheat microbiota
14:05 - 14:15	A3.1: Eva Stukenbrock
14:15 - 14:25	A3.2: Tal Dagan
	A4 - Mathematical modelling of interactions in evolving metaorganisms
14:25 - 14:35	A4.1: Arne Traulsen
14:35 - 14:45	A4.3: Hinrich Schulenburg
14:45 - 15:15	<i>Coffee</i>

15:15 - 16:15		B - Recognition and Communication (Chair: K. Dierking)
		B1 - Host-microbe cross talk in the early metazoan taxa Porifera and anthozoan Cnidaria
15:15 - 15:25		B1.1: Ute Hentschel Humeida
15:25 - 15:35		B1.2: Sebastian Fraune
		B2 - Microbiota-host interactions at the base of the metazoan tree
15:35 - 15:45		B2.1: Ruth Schmitz-Streit
15:45 - 15:55		B2.2: Thorsten Reusch
		B4 - Microbial interactions within the metaorganism: mechanisms of bacterial niche specialization and warfare in symbiosis
15:55 - 16:05		B4.1: Tal Dagan
16:05 - 16:15		B4.2: Daniel Unterweger
16:15 - 16:45	<i>Coffee</i>	
16:45 - 17:45		C - Function and Life History (Chair: T. Dagan)
		C1 - Towards understanding an ultimately simple metaorganism: impact of symbiotic microbes on developmental processes of Hydra
16:45 - 16:55		C1: Thomas Bosch
		C2 - Memory mechanisms of nutritional stress in the gut ecosystem
16:55 - 17:05		C2.1: Thomas Roeder
17:05 - 17:15		C2.2: Philip Rosenstiel
		C4 - New approaches to understanding eco-evolutionary dynamics in metaorganisms
17:15 - 17:25		C4.1: Paul Rainey
17:25 - 17:35		C4.2: Tim Lachnit
17:35 - 17:45		C4.3: Ute Hentschel Humeida
18:00 - 19:00	<i>Dinner</i>	
19:00 - 21:00		Plenum Discussion

Thursday, April 21st 2022

08:00 - 09:00 *Coffee*

09:00 - 09:45 **Group Discussion I - Science**

3 groups a 6 PIs (each group appoints a rapporteur)

- Developing the topics for funding phase 3
- Scientific issues
- Re-thinking A, B, and C

09:45 - 10:30 **Group Discussion II - Structure**

New arrangement of 3 groups a 6 PIs (each group appoints a rapporteur)

- Decision making process; how to decide on new/old members for funding phase 3?
- Gender, Junior support
- Structural re-organisation? Z-Projects, INF, Ö

10:30 - 11:00 *Coffee*

11:00 - 12:30 **Plenum Discussion**

Report from 6 rapporteurs
Discussion

12:30 - 13:30 *Lunch*

13:30 - 14:30 **Steering Committee Meeting**