

**6<sup>th</sup> Retreat of the Collaborative Research Center 1182**  
**“Origin and Function of Metaorganisms”**  
 Virtual via Zoom, October 26<sup>th</sup>-27<sup>th</sup>, 2020

**Monday, October 26<sup>th</sup> 2020**

14:00 - 14:10	<b>Welcome by Thomas Bosch</b> “Metaorganism research in pandemic times”
14:10 - 19:10	<b>Presentations</b> by young investigator (10 min/subproject incl. discussion)
<b>14:10 - 15:40</b>	<b>A - Evolution and Ecology (Chair: U. Hentschel)</b>
14:10 - 14:40	<b>A1 - Molecular basis and evolutionary dynamics of <i>C. elegans</i>-microbiome interactions</b> Agnes Piecyk (A1.1), Lena Peters (A1.2), Georgios Marinos & Johannes Zimmermann (A1.5)
14:40 - 15:00	<b>A2 - Host-microbiome coevolution in the mammalian intestine</b> Shauni Doms (A2.1), Malte Rühlemann (A2.2)
15:00 - 15:20	<b>A3 - Colonization dynamics and resilience to fungi in the wheat microbiota</b> Amine Hassani (A3.1), Ryszard Soluch (A3.2)
15:20 - 15:40	<b>A4 - Mathematical modelling of interactions in evolving Metaorganisms</b> Florence Bansept (A4.1), Julia Johnke (A4.3)
15:40 - 16:00	<i>Break</i>
<b>16:00 - 17:00</b>	<b>B - Recognition and Communication (Chair: K. Dierking)</b>
16:00 - 16:20	<b>B1 - Host-microbe cross talk in the early metazoan taxa Porifera and anthozoan Cnidaria</b> Lara Schmittmann (B1.1), Nida Kaya (B1.2)
16:20 - 16:40	<b>B2 - Microbiota-host interactions at the base of the metazoan tree</b> Nadin Jensen (B2.1), Nora Grossschmidt (B2.2)
16:40 - 17:00	<b>B4 - Microbial interactions within the metaorganism: mechanisms of bacterial niche specialization and warfare in symbiosis</b> Devani Romero Picazo (B4.1), Hanna Fokt (B4.2)
17:15 - 17:30	<i>Break</i>

**17:30 - 19:10**

**C - Function and Life History, (Chair: T. Dagan)**

17:30 - 17:40

**C1 - Towards understanding an ultimately simple metaorganism: impact of symbiotic microbes on developmental processes of *Hydra***

Jinru He & Christoph Giez

17:40 - 18:00

**C2 - Memory mechanisms of nutritional stress in the gut ecosystem**

Felix Sommer (C2.1), Jakob von Frieling (C2.2)

18:00 - 18:40

**C4 - New approaches to understanding eco-evolutionary dynamics in Metaorganisms**

Bram van Dijk (C4.1), Pauline Buffard (C4.1), Tim Lachnit (C4.2), Leon Steiner (C4.3)

18:40 - 19:10

**Ö/PR - Communicating the Metaorganism**

Christina Claussen (Ö1), Christian Urban (Ö2), Susanne Landis (Ö3)

19:10 - 19:30

**General Discussion**

19:30 - 20:00

*Break*

20:00 - 20:30

**Keynote lecture**

**Margaret McFall-Ngai (University of Hawai'i at Mānoa):**

***"Activity between and among symbiont strains: Communicating with the host across a complex biogeographic landscape"***

Register in advance for this Zoom meeting:

<https://uni-kiel.zoom.us/join/mtZUd-mtpjktE9JG6oeVx9wKawFjErbHbTQJ>

**Tuesday, October 27<sup>th</sup> 2020 - Interaction Day**

09:00 - 12:00

**Meet your colleagues and discuss your projects!**

You may choose the way you interact, but we will provide virtual "chat" rooms where you can meet on request.

Meeting rooms are already booked for subproject B1 and C4.

If you would like to use our virtual rooms, please join Zoom meeting

<https://uni-kiel.zoom.us/j/86848278985?pwd=VWFsdTcrbUo4SDRpaURQamo1ZEZxUT09>