

Let's talk about symbiosis

Vienna, 17th April 2015
DOME's Seminarroom

*Student, starting without audience

09:15 Langsam Leonarda*, (SE Symbiosis - concepts and model systems)
Gut microbiota in *C. elegans* and aging

10:00 Monika Bright, Department Limnology and Bio-Oceanography
WELCOME

Session 1 (Chair Jean Marie Volland)

10:15 Agnes Rettelbach, Lab Genome Dynamics, Dept Cell & Developmental Biology,
Medical University of Vienna
**Speciation by symbiosis -closing the gap between theory and experimental
data**

10:45 Miriam Schaidler, Department Limnology and Bio-Oceanography
Cell cycle and cell division arrest in the Endosymbionts of *Rifia pachyptila*

11:15 Astrid Collingro, Department of Microbiology and Ecosystem Science
Inferences from the genome of *Rhabdochlamydia porcellionis*

11:45 Julia Kersting, Department Limnology and Bio-Oceanography
**Termination of the *Candidatus Thiobios zoothamnicoli* - *Zoothamnium
niveum* symbiosis under normoxic conditions**

12:30 – 14.00 lunch break

Session 2 (Chair Pedro Frade)

14:00 Nika Pende, Department of Ecogenomics and Systems Biology
**Extraordinary reproduction strategies of bacterial symbionts: and
now? Experimental approaches to study growth and division of
uncultivable bacteria**

14:30 Orest Kuzyk, Department of Microbiology and Ecosystem Science
Spatial architecture of intestinal microbial communities in mice

15:00 – 15:30 Coffee break

Session 3 (Chair Andrea Nussbaumer)

15:30 Bettina Glasl, Department Limnology and Bio-Oceanography
Corals use mucus to garden their microbiome and stay healthy

16:00 Frederik Schulz, Department of Microbiology and Ecosystem Science
The Holosporaceae - The enigmatic brother of intracellular *Rickettsiae*

from 16:30 time to talk with a few beers and wines