

## Workshop 5

### General abstract:

#### Nematode-bacteria symbiosis.

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Associations between nematodes and bacteria range from fortuitous to obligate and from beneficial to pathogenic. The ubiquity and diversity of nematode-bacterium symbioses make them an excellent model to understand the key questions in symbiosis. Through this workshop speakers will discuss bacteria interactions with nematodes with lifestyles that span from free living to necromenic and parasitism/pathogenesis.

### Agenda:

- **Take my breath away – physiological adaptations of symbiotic marine nematodes to oxic-anoxic interfaces.**  
Silvia Bulgheresi
- **Food, or friend? The native microbiome of the nematode *Pristionchus pacificus*.**  
Wem-Sui Lo, Ralf Sommer
- **To have and to hold: on the mutualistic partnership of *Steinernema* nematodes and their *Xenorhabus* symbionts.**  
S. Patricia Stock
- **General discussion**