

## Poster Presentation

### P01

**“Characterization of photosynthetic machinery and its photoprotection mechanism of the symbiotic alga *Symbiodinium*”**

Yusuke Aihara (National Institution for Basic Biology, Japan)

### P02

**“Cellular Mechanisms of Cnidarian Bleaching”**

Tamaki Bieri (Stanford University, USA)

### P03

**“Dissecting the Molecular Mechanisms of Symbiosis Establishment in Cnidarian Larvae, using *Aiptasia Pallida* as a Model System”**

Annika Guse (Stanford University, USA)

### P04

**“The *Hydra viridis/Chlorella* symbiosis: Understanding a complex team of players at the base of animal evolution”**

Mayuko Hamada (Okinawa Institute of Science and Technology Graduate University, Japan)

### P05/S5-6

**“Distribution Pattern of Synapsin Revealed Heterogeneity of Synapses in the Diffuse Nervous System”**

Shun Hamada (Fukuoka Women's University, Japan)

### P06/S5-3

**“Signaling pathways in cnidarian development and regeneration”**

Thomas Holstein (University of Heidelberg, Germany)

### P07/S6-4

**“Adaptation to a symbiotic mode of life in deep-sea chemotrophic mussels, *Bathymodiolus spp.*: progress from transcriptomic and proteomic approaches”**

François Lallier (University Pierre et Marie Curie /CNRS, France)

### P08

**“Algivore or Phototroph? *Plakobranthus ocellatus* (Gastropoda) Continuously Acquires Kleptoplasts and Nutrition from Multiple Algal Species in Nature”**

Taro Maeda (National Institution for Basic Biology, Japan)

### P09/S6-6

**“Genomic Changes in Evolution of Chemoautotrophic Symbionts of Deep-sea Bivalves”**

Tadashi Maruyama (Japan Agency for Marine-Earth Science and Technology, Japan)

### P10

**“Functional Analyses of a Novel Gene Expressed in a Sub-population of Hydra Nerve Net, *hmp4846*”**

Sumiko Minobe (Fukuoka Womens' University, Japan)

**P11**

**“Phage Therapy of Coral Disease”**

Eugene Rosenberg (Tel Aviv University, Israel)

**P12/S3-2**

**“Understanding Genome Complexity of Dinoflagellate *Symbiodinium*”**

Eiichi Shoguchi (Okinawa Institute of Science and Technology Graduate University, Japan)

**P13/S3-4**

**“The Evolution of Developmental Gene Regulatory Networks and the Control of Embryonic Patterning in the Sea Anemone, *Nematostella vectensis*”**

Joel Smith (Marine Biological Laboratory, Woods Hole, USA)

**P14/S4-2**

**“Thermal Sensitivity of *Symbiodinium* within Corals”**

Shunichi Takahashi (Australian National University, Australia)

**P15**

**“Asymmetric Neural Patterning of the Sea Anemone *Nematostella vectensis*”**

Hiroshi Watanabe (University of Heidelberg, Germany)