

Tuesday August 25 **Symposium 5**

Location: Room 6

Diversity of host-microbe symbioses

Organizers: *Maurizio Casiraghi, Università degli Studi Milano Bicocca, Italy*
Hinrich Schulenburg, University of Tuebingen, Germany
Telmo Pievani, Università degli Studi Milano Bicocca, Italy
Christian Braendle, Centre d'Immunologie de Marseille, France

09.45 - 10.15 THOMAS C. G. BOSCH (invited)
Host-microbe communication in the Basal Metazoan *Hydra*

10.15 - 10.45 CLAUDIO BANDI (invited)
Conflicts and cooperation in the evolution of host-symbiont interactions

10.45 - 11.15 *Coffee break*

11.15 - 11.35 MATHIEU SICARD
Reinforcement speciation in terrestrial isopods infected by *Wolbachia*

11.35 - 11.55 LAUREN B. CARRINGTON
Ongoing evolution of the interaction between a bacterial endosymbiont and its *Drosophila* host

11.55 - 12.15 PHILIPPE GAYRAL
Phylogeny of Banana streak virus reveals recent and repetitive endogenization in the genome of its banana host (*Musa sp.*)

12.15 - 12.35 STÉPHANE DE MITA
Evolution of Nod factor perception

12.35 - 13.35 *Lunch*

13.35 - 13.55 MARIO X. RUIZ-GONZALEZ
Three eukaryotic kingdoms of life interacting in a novel and highly specialised mutualism

13.55 - 14.15 MARIO FARES
Antagonistic mutations mediate the survival of endosymbiotic bacterial genomes

14.15 - 14.35 MARGRIET VAN ASCH
Facultative symbionts affects fitness, parasitoid resistance and host plant specialisation in the pea aphid

14.35 - 14.55 CHRISTOPH VORBURGER
Symbiont-mediated coevolution in aphid host-parasitoid systems

14.55 - 15.25 *Coffee break*