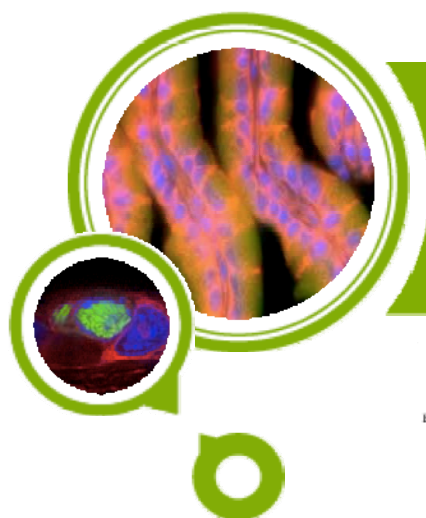




# SYMBIOMICS

Symbiomics Conference and  
4<sup>th</sup> Annual Meeting  
12<sup>th</sup> - 14<sup>th</sup> November 2014

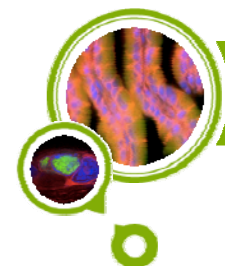
Palma de Mallorca



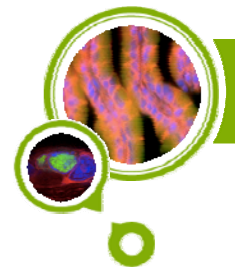
Max Planck Institute for Marine Microbiology



Wednesday, 12 <sup>th</sup> November		
09:00	<b>Welcome by Nicole Dubilier</b>	
	<b>Invited Talks</b>	
09:15	<b>Bill Martin</b> Heinrich-Heine University, Düsseldorf, Germany.	Origins of major archaeal clades correspond to gene acquisitions from bacteria?
10:00	<b>Jörg Ott</b> University of Vienna, Austria	Thiotrophic symbioses in marine shallow waters: From discovery to understanding
10:45	<b>Margaret McFall-Ngai</b> University of Wisconsin-Madison, USA	Capturing a bacterial partner: host/symbiont interactions along a ciliated surface
11:30	<i>Coffee</i>	
11:50	<b>Ned Ruby</b> University of Wisconsin-Madison, USA	Physiological adaptation to acidic host mucus promotes colonization by <i>Vibrio fischeri</i>
12:35	<b>Tobi Kiers</b> Vrije Universiteit Amsterdam, Netherlands	Evolution of microbial markets
13:20	<b>Board meetings: Steering Committee and ITN Fellows in parallel</b>	
14:10	<i>Lunch</i>	
	<b>Invited Talks</b>	
14:50	<b>Thomas Bosch</b> Christian-Albrechts-University, Kiel, Germany	Towards a holistic understanding of the <i>Hydra</i> holobiont
15:35	<b>Martin Kaltenpoth</b> MPI Chemical Ecology, Jena, Germany	Beewolves' bodyguards: Evolution, ecology, and genomics of symbiont-mediated antibiotic defense in solitary wasps
16:20	<i>Coffee</i>	
16:40	<b>Fabrice Vavre</b> University Lyon 1, France	On the evolutionary routes towards dependence in host-symbiont(s) interactions
17:25	<b>Ruth Ley</b> Cornell University, Ithaca, NY, USA	Twins reveal host genetic effects on the microbiome with consequences for health
18:10	<i>Break</i>	
19:00	<b>Working Dinner at restaurant Sa Cranca with dinner talk / discussion</b>	
	<b>Nicole Dubilier</b>	Synthesis of four years Marie Curie ITN Symbiomics



Thursday, 13 <sup>th</sup> November		
	<b>ITN Fellow Talks</b>	
09:00	<b>Flávia Viana</b> Aarhus University, Denmark	Metabolism, function and diversity of the nephridial symbionts of earthworms
09:45	<b>Sten König</b> Univ. Pierre et Marie Curie, Guadeloupe	Functional proteomics of the uncultured <i>Codakia</i> endosymbionts
10:30	<b>Florian Moeller</b> University of Vienna, Austria	Metaproteogenomics of the tropical marine sponge <i>Ianthella basta</i> reveals symbiotic interactions with its microbial partners
11:15	Coffee	
11:35	<b>Mario Schimak</b> MPI Marine Microbiology, Bremen, Germany	Symbiont transmission in the gutless marine oligochaete <i>Olavius algarvensis</i>
12:20	<b>Julia Klose</b> University of Vienna, Austria	Ecological and evolutionary role of horizontal transmission in the model system <i>Riftia pachyptila</i>
13:05	<b>Board meetings: Supervisory Board and ITN Fellows in parallel</b>	
13:50	Lunch	
	<b>ITN Fellow Talks</b>	
14:35	<b>Ruby Ponnudurai</b> University of Greifswald, Germany	Symbiosis in <i>Bathymodiolus azoricus</i> : A physiological overview
15:20	<b>Adrien Assié</b> MPI Marine Microbiology, Bremen, Germany	Characterization of a novel family of epibiotic Epsilonproteobacteria associated with <i>Bathymodiolus</i> mussels
16:05	Coffee	
16:25	<b>Kamil Szafranski</b> Univ. Pierre et Marie Curie, Paris, France	Aspects of the life cycles of chemosynthetic bacterial symbionts associated with bivalves from deep-sea chemosynthesis-based ecosystems
17:10	<b>Alejandro Manzano-Marín</b> University of Valencia, Spain	Can't do it alone: endosymbiont settlement, complementation and replacement in the subfamily Lachninae of aphids
17:55	<b>General Discussion</b>	
20:00	<b>Working Dinner at restaurant La Boveda with dinner talk / discussion</b>	
	<b>Jörg Ott</b>	The impact of Symbiomics - A view from the outside



Friday, 14 <sup>th</sup> November		
	<b>ITN Fellow Talks</b>	
09:00	<b>Kacper Sendra</b> University of Newcastle, UK	Inheritance and function of microsporidian mitosomes
09:45	<b>Daniel Tamarit</b> University of Uppsala, Sweden	Genomic evolution of the lactic acid bacteria inhabiting the honey bee gut indicates host association and niche specialization
10:50	<i>Coffee</i>	
10:50	<b>Bertha Mariana Reyes-Prieto</b> University of Valencia, Spain	Tools for the analysis of the evolution of symbiotic bacteria
11:35	<b>Daryl Domman</b> University of Vienna, Austria	Harnessing the power of genomics for addressing key questions in chlamydial evolution / Insights into the gene regulatory networks in the Chlamydiae
12:20	<b>Discussion</b>	
12:50	<i>Lunch</i>	
	<b>ITN Fellow Talks</b>	
13:30	<b>Nithya Sri Rangan</b> University of Greifswald, Germany	Investigation of bioactive secondary metabolites from marine fungi
14:15	<b>Pablo Yarza</b> Ribocon, Bremen, Germany	Census of microbial symbionts in 16S rRNA databases
15:00	<b>Final discussion</b>	
16:00	<i>End of meeting</i>	