

14-17 May 2017, San Juan de Alicante, Alicante, Spain

## ECOGENOMICS OF MICROBES

High throughput sequencing has opened a window into the biology of prokaryotic microbes in their natural environments. Single cell genomics, metagenomics and metatranscriptomics provide glimpses at how these essential movers and shakers of the biosphere really live, and a new microbiology is slowly rising from the embers of the classic culture-dependent view. The repercussions in our understanding of their diversity, genome dynamics, interactions among themselves and with their biotic and abiotic environment are indeed enormous. We want to discuss changes in the way of thinking about prokaryotic microbes, their evolution and their ecology by gathering researchers that have contributed significantly to this changing field and participants interested in the future development of microbiology.

Topics to be covered:

Session 1. Metagenomics a high-resolution lens to examine microbes in the environment. Session 2. The interaction phage-bacteria. Session 3. Post-metagenomics ecology. Session 4. Intra-species diversity, novel evolutionary paradigms. Session 5. Host-microbe interactions. Session 6 and 7. Presentations of members of the network Microgen.

This meeting is open for registered participants that can present short talks on the topics described above. Members of the Consolider Network Microgen will have priority. Registration will be open after December 15<sup>th</sup> and presentations can be submitted by using the abstract format. Admittance is limited to 100 participants.

### Confirmed invited speakers:

Alex Mira, Valencia (Spain)  
David Scanlan, Warwick (UK)  
Frederique Le Roux, Roscoff (France)  
Graeme Nicol, Lyon (France)  
Ian Joint, Plymouth (UK)  
José R. de la Torre, San Francisco (USA)  
Josefa Antón, Alicante (Spain)  
Manuel Martínez-García, Alicante (Spain)  
Matt Sullivan, Ohio (USA)  
Mark van Raaij, Madrid (Spain)  
Michaela M. Salcher, Zurich (Switzerland)  
Oded Beja, Haifa (Israel)  
Paul Jensen, San Diego (USA)  
Rohit Ghai, České Budějovice, (Czech Republic)  
Valentin Gordelyi, Grenoble (France)