



5th International Course in Microbial Ecology

# Deciphering microbial diversity and function in the environment through Next Generation Sequencing

CNR-ISMAR in Venice, Italy - October 6 -10, 2014

## Dr. Federico Lauro

He was born and raised in Venice, Italy. He graduated from University of Padua and went on to obtain his PhD at Scripps Institute of Oceanography (SIO) at the University of California in San Diego, California (UCSD). He has pioneered skills in both experimental and computational sciences – in particular, deep-sea and Antarctic microbiology. In total, he has authored 52 peer-reviewed publications in high impact journals including Science and PNAS. He has also published 4 book chapters and, in total, his publications have been cited >2000 times, with an H-index of 26. Particularly noteworthy contributions include his 2009 first-author paper in PNAS which featured as the cover article with an associated PNAS Commentary. This publication described a mathematical model that predicts the trophic strategy of marine bacteria from just their genome sequence. In addition to his scientific achievements, he is also a champion sailor winning both the Australian and



**Federico Lauro**

BABS University of New South Wales, Sydney, Australia  
SCELSE, Nanyang Technological University, Singapore

## Dr. Ramon Rosselló-Móra

He is a Scientific Researcher at the Mediterranean Institute for Advanced Studies (IMEDEA) that is a joint center between the Spanish Council (CSIC) and the University of the Balearic Islands (UIB). He runs the Marine Microbiology Group that focuses the work mostly on molecular microbial ecology studies of hypersaline environments, as well as basic and applied studies on of both cultured and uncultured prokaryotic systematics. He did his Ph-D at the UIB with naphthalene degradation of marine pseudomonads. He did postdoctoral stays at the Technical University of Berlin (working with systematics), Technical University of Munich (working with phylogeny and microbiology of iron reduction), and the Max-Planck Institute for Marine Microbiology in Bremen (working with marine sediments' microbial molecular diversity). In addition, he is editor of the journal Systematic and Applied Microbiology and a member of the Judicial Commission of the ICSP.



**Ramon Rossello-Mora**

IMEDEA,  
Med. Institute for Advanced Studies,  
Balearic Islands, Spain