

Lipari School on Computational Life Sciences

Computational Immunology, Immunotherapy and Autoimmune Diseases

July 25 - July 31, 2018
Lipari Island, Italy

Directors

Alfredo Ferro (University of Catania, Italy)
Carlo M. Croce (Ohio State University, USA)
Søren Brunak (Technical University of Denmark, Denmark)

Steering Committee

Ruggero De Maria (Istituto Nazionale Tumori Regina Elena, Italy)
Francesco Di Raimondo (University of Catania, Italy)
Rosalba Giugno (University of Verona, Italy)
Lorenzo Malatino (Director of Graduate Studies in "Translational Biomedicine" University of Catania, Italy)
Gene Myers (Max Planck Institute, Dresden, Germany)
Alfredo Pulvirenti (University of Catania, Italy)
Francesco Purrello (Director "Department Clinical and Experimental Medicine" University of Catania, Italy)
Stephen Quake (Stanford University, USA)
Giorgio Stassi (University of Palermo, Italy)
Stefania Stefani (University of Catania, Italy)
Paolo Vigneri (University of Catania, Italy)

Application Deadline April 20th, 2018

Late Applications until June 20th, 2018

More info at:

<https://bio.liparischool.it/>

Contacts: liparischool@dmf.unict.it or lipari.school.bio@gmail.com

PROGRAM

Speakers

Alberto Mantovani - Immunotherapy and Autoimmune Diseases
Stephen Quake - Single-cell Technologies and Microbiome Analysis in Immunology
Morten Nielsen - T-Cell and B-Cell Epitope Prediction from Sequence
Bjoern Peters - Epitope Data Searching, Analysis and Prediction: Infectious Diseases, Allergy, Autoimmunity and Transplant

Special Seminars

Napoleone Ferrara - Combining Angiogenesis Regulation and Immunotherapy in Cancer
Aleksandra Walczak - Probabilistic Models for Immunology
Alessandro Laganà - Precision Medicine for Multiple Myeloma Based on an Integrative Multi-Omics Approach

Closing lecture and Panel

Michael Levitt (Nobel Prize Chemistry 2013)
Carlo M. Croce
Søren Brunak

Tutorials

Gene Myers - Next Generation Sequencing
Stefania Stefani - Microbiology and Immune System