

Lipari School on Computational Life Sciences

Computational Drug Science and High-Precision Medicine

*July 9 - July 15,
2017, 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

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"Translational Biomedicine" University of Catania, Italy*)
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Renato Bernardini (*University of Catania, Italy*)
Filippo Drago (*University of Catania, Italy*)

Application Deadline July 3rd, 2017

More info at:

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

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

PROGRAM

Opening:

Michael Levitt (Nobel Prize 2013) - The Future of
Fundamental Basic Research

Speakers:

Napoleone Ferrara - Angiogenesis Regulation in Cancer
and other Pathologies

Lars Juhl Jensen - Networks of Drugs and Proteins

Annamaria Lilienkamp - Drug Delivery and Nanosphere
Technology

John P. Overington - Intelligent Drug Discovery

Guest Speaker:

Søren Brunak - Disease trajectories, gene pleiotropy and
protein multi-functionality

Closing:

Carlo M. Croce - Cancer Treatment

Tutorials:

Roberto Purrello - Chemistry of Drug-Nucleic Acids
interaction

Michele Purrello - ncRNAs for Diagnosis and Therapy

Salvatore Alaimo - Computational Techniques for Drug
Interaction, Repositioning and Drug Resistance Biomarkers

Giovanni Micale - Network-Based Drug Interaction Analysis

Stefania Stefani - Testing and Resistance of Antibiotics in
Real life