

FROM STRUCTURE TO FUNCTION: UNVEILING THE ROLE OF PROTEINS IN HEALTH AND DISEASE

THE 1st MASBIC - DISVA ANNUAL SYMPOSIUM

WHEN?

16-17 September 2021

WHERE?

Polytechnic University of Marche, Department of Life and Environmental Science (DISVA)

Aula azzurra "Mario Giordano"
Via Brece Bianche, 60131
Ancona, Italy

ORGANIZER

Prof. Daniele Di Marino

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Interests: molecular biology;
structural biology; computational
chemistry; bioinformatics; drug
design; protein-protein and protein-
nucleic acids interaction

ABOUT THE SYMPOSIUM

In the last decade the study of the relationship between proteins structure and function has acquired a strong importance to understand the molecular causes of several pathologies. The possibility to analyse at high-resolution molecular structures has become a standard approach and, together with the advances in experimental and theoretical approaches, it allows to obtain unprecedented insight into the dynamics and mechanism of action of proteins and macromolecular complexes.

The 1st MaSBiC – DiSVA Annual Symposium brings together experimental biologists, computational chemists, biochemists, biophysicists and structural and molecular biologists who study different features of proteins such as structure, dynamics, folding, evolution and much more.

Several invited speakers will emphasise a wide range of approaches for tackling important and challenging issues in the study of proteins structure and functions.

SPEAKERS

Prof. Silvia De Rubeis – Cellular and Molecular Neuroscience

Seaver Autism Center for Research and Treatment at the Icahn School of Medicine at Mount Sinai, New York, USA.

Prof. Vittorio Limongelli – Computational Biophysics and Medicinal Chemistry

Università della Svizzera italiana (USI), Faculty of Biomedical Sciences – Euler Institute, Lugano, Switzerland.

Prof. Eric Ennifar – Biochemical and Structural Properties of Proteins Targets for Drugs Against Retroviruses

Architecture et Réactivité de l'ARN – CNRS UPR 9002, Université de Strasbourg, Strasbourg, France.

Prof. Beatrice Vallone – Structural Biology

Institute of Molecular Biology and Pathology, Department of Biochemical Sciences "Alessandro Fanelli", University of Rome "La Sapienza", Rome, Italy.

Prof. Martin Weik – Structural Protein Dynamics

Université Grenoble Alpes, CEA, CNRS, Institut de Biologie Structurale, Grenoble, France

Prof. Monica Di Luca – Pharmacology of Neurodegeneration

Department of Pharmacological and Biomolecular Sciences, Università degli Studi di Milano, Milan, Italy.

IMPORTANT INFORMATION

Due to the COVID-19 Pandemic, the two-days symposium will be held **both in presence** at Università Politecnica delle Marche and **virtually**.

(i.e., a dedicated Zoom channel will be created).

Deadline for the Short Talk and Posters: **15/08/2021**

Deadline for the registration of the audience: **10/09/2021**

FOR REGISTRATION, ABSTRACT SUBMISSION AND FURTHER INFORMATION

Please go to the Mollab Website

Link <https://www.mollab.org/masbic-symposium>

or scan the QR code →

