



Unveiling Protein Functions, Dynamics and Interactions in Health and Disease Using Experimental and Theoretical Approaches

Guest Editors:

Dr. Daniele Di Marino

Dr. Cristina Maracci

Dr. Alice Romagnoli

Dr. Stefano Motta

Deadline for manuscript
submissions:

closed (30 June 2024)

Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to bridge the gap sometimes existing among different approaches that are exploited for a common purpose, i.e., understanding and describing different functional-dynamical features of proteins in specific physiological and pathological conditions. A multi-disciplinary collection including molecular biology, structural biology, biophysics, biochemistry, bioinformatics and computational chemistry is the scope of this issue.

In this context, this collection aims at reporting current experimental and computational trends in the field of proteins functions, interactions and dynamics. In this Special Issue, original research articles, Reviews, and Perspectives are welcome. Research areas may include (but not limited to) the following:

- (i) Understanding the structural, dynamical and functional role of point mutations
- (ii) Conformational changes of proteins linked to their function
- (iii) Protein-proteins, protein-nucleic acids and protein-ligand interactions in health and diseases
- (iv) Protein design and engineering for biomedical applications

I look forward to receiving your contributions.





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Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and
Molecular Medicine, Faculty of
Health and Medical Sciences,
University of Copenhagen,
Blegdamsvej 3C, DK-2200
Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer
Science, Virginia Commonwealth
University, Richmond, VA 23284,
USA

Message from the Editorial Board

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Contact Us

Biomolecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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