

Special Issue

Protein Folding and Misfolding ---- Structure and Functions

Message from the Guest Editors

Nearly all biological processes rely on the conformational states of interacting macromolecules. It is, therefore, not surprising that the study of protein folding and misfolding has played a central role in chemistry and biology. In particular, substantial experimental and theoretical efforts have been devoted to understanding the general rules of folding, as well as to deciphering the mechanisms that lead to misfolding and related diseases. Furthermore, the discovery that a large fraction of the proteome is essentially disordered, while being fully functional, has revolutionized our comprehension of the structure–function relationships, posing the description of intrinsically disordered proteins as a key problem in modern science. This Special Issue focuses on recent studies that contribute to our understanding of protein folding and misfolding, as well as on the role of intrinsic disorder in protein functions. Original research articles and reviews on these and related topics are welcome in this Special Issue.

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Deadline for manuscript submissions

closed (28 February 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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