



State-of-the-Art Molecular Biophysics in USA

Guest Editors:

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Deadline for manuscript
submissions:

closed (15 April 2024)

Message from the Guest Editors

Dear Colleagues,

This Collection aims to publish significant contributions on all aspects of the physical principles governing biomolecular and biomimetic systems in USA. We welcome submissions that provide novel and mechanistic insights and papers that report significant advances in the fields. Topics include, but are not limited to:

- molecular structure and dynamics
- protein structure and dynamics;
- ion channels
- molecule biophysics;
- drug discovery
- structure–function relationships
- energy balance

The only limitation is that the main part of the study has to have been carried out in USA or by American researchers.

The reliability of the results provided by novel tools for virtual screening and/or the discovery of new actives by virtual screening must be either validated in silico or in vitro before first submission of a manuscript to IJMS. Theoretical studies should offer new insights into understanding experimental results and/or suggest new experimentally testable hypotheses.





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Message from the Editor-in-Chief

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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