

Special Issue

Macromolecular Modeling to Understand Genetic Disorders

Message from the Guest Editor

Computational biology, including molecular modeling, molecular dynamics, ligand docking, drug screening, and quantum mechanics simulation techniques, allows rationalization at the molecular level of mutations causing different diseases of genetic origin. Knowing the causes at this level will allow the development of new diagnostic and therapeutic techniques (drug design), as well as the design of future gene therapies. We are looking for papers that address the study of mutations causing genetic diseases through molecular modeling and rationalization. Papers that use computational simulation techniques to link phenotypic variants with changes in molecular function are also welcome.

Guest Editor

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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.

Editor-in-Chief

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