







an Open Access Journal by MDPI

Molecular Dynamics from Macromolecule to Small Molecules

Guest Editor:

Dr. Ki Hyun Nam

Department of Life Science, Pohang University of Science and Technology, Pohang, Korea

Deadline for manuscript submissions:

closed (30 April 2022)

Message from the Guest Editor

Dear colleagues,

Macromolecules and small molecules exhibit certain structural conformation in chemical, biological and physical reactions or specific environments. Observing the structural changes of these molecules has become an important research area for the deeper understanding of target molecules. To observe structural dynamics, various techniques such as spectroscopy, X-ray crystallography, electron microscopy, and computer-based molecular dynamics are applied. These techniques provide collection of several different static structural information to provide insights into the dynamics of a molecule, or structural information at certain time-delay through time-resolved studies.

This Special Issue covers comprehensive topics such as theory, technology development, and original research for molecular dynamics, and is intended to contribute to the molecular dynamics research community. I warmly welcome your contributions to this Special Issue on "Molecular dynamics from macromolecule to small molecules"













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us