

Special Issue

Advancements in Protein Engineering and Structure Determination

Message from the Guest Editors

In this Special Issue, titled “Advancements in Protein Engineering and Structure Determination”, we focus on methodologies of protein engineering, including design and modelling, and how they can transform our understanding of protein functions through applications in biology. Featured articles will explore applications of mutagenesis, directed evolution, rational design, and hybrid experimental and computational techniques, illustrating their use in enhancing protein stability, specificity, and activity. We also welcome articles in structure determination methods like X-ray crystallography, cryo-electron microscopy, and NMR spectroscopy, as well as in silico methodologies like protein modelling, molecular dynamics, and docking, applied to infectious diseases.

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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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