

Special Issue

Protein Design and Engineering in Biochemistry

Message from the Guest Editor

This Special Issue explores the rapid advancements in protein engineering, molecular biology, and biomedical engineering, driven by cutting-edge technologies. It highlights recent progress in the design, synthesis, and application of engineered proteins, biochemical tools, and their integration into biomedical solutions. Topics of interest include computational protein design, directed evolution, CRISPR-based genome editing, synthetic biology, and the development of biomaterials for therapeutic and diagnostic purposes. We also invite contributions on molecular biology's role in disease mechanisms, targeted therapies, and the engineering of biological systems for drug delivery and regenerative medicine. This issue aims to provide a platform for sharing innovative methodologies, experimental findings, and theoretical insights bridging fundamental science and translational applications. By bringing together diverse perspectives, we hope to inspire collaboration and new directions in addressing global health challenges through molecular and biomedical innovation. We welcome original research, reviews, and perspectives from both academia and industry.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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