

## Special Issue

# Molecular Recognition in Biological and Bioengineered Systems

### Message from the Guest Editors

Molecular recognition refers to the specific association of two or more molecules via noncovalent interactions. This phenomenon translates structural information into static and dynamic complexes and is central to many biological processes, including protein folding, self-assembly of macromolecular complexes, antibody-antigen binding, and nucleic acid-ligand association. This Special Issue aims to bring together studies that elucidate molecular recognition interactions and their role in biological systems. Towards this end, it welcomes studies from a range of fields, such as biochemistry, biophysics, structural biology, and molecular biology. Topics may focus on—but are not limited to—biomolecular complex formation, DNA–RNA structure design and application, novel therapeutic agents, and biosensing. Authors are invited to submit original research and review papers addressing topics related to the scope of this Special Issue.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2021)



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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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