

## Special Issue

# Biomolecular and Biohybrid Systems for Solar Energy Conversion

### Message from the Guest Editors

Biohybrid technologies form a relatively young and dynamic field of green nanotechnology that utilizes a combination of designed synthetic and biological components. Such systems can take advantage of biological solar capture from photosynthetic organisms, such as cyanobacteria and algae; their photosynthetically active biological membranes; or the components of the photosynthetic apparatus to harness solar energy and convert it into electricity and solar fuels.

This Special Issue will provide an up-to-date compendium on the recent advances in direct conversion of sunlight into chemicals using rational approaches aimed at obtaining the highest product yields and conversion efficiencies.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2022)



## International Journal of Molecular Sciences

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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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