

## Special Issue

# Heterogeneous Catalysis for Biomass Valorization

### Message from the Guest Editor

It is my pleasure to invite you to submit a contribution to this Special Issue, entitled "Heterogeneous Catalysis for Biomass Valorization". Currently, the valorization of biomass is a key aspect in developing sustainable alternatives to fossil resources since biomass is a renewable feedstock that can be used for the production of biofuels, chemicals and energy.

Homogeneous catalysts are traditionally employed for these processes in the industry; however, the use of solid catalysts plays a key role in order to make these processes more environmentally friendly and competitive. This Special Issue deals with the use of heterogeneous catalysts for the transformation of biomass or biomass-derived products into valuable chemicals, including bio-based products and biofuels, acting as a platform for researchers in this field to exchange information and updates. For this purpose, we cordially invite you to submit original research articles or comprehensive reviews on this topic, which will contribute to the development and implementation of these processes in biorefineries.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 January 2025)



## International Journal of Molecular Sciences

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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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