

Special Issue

Biotechnological Applications of Oxidoreductases

Message from the Guest Editors

The submission of manuscripts is now welcome for the Special Issue “Biotechnological applications of oxidoreductases”, which will contain a selection of papers dealing with biotechnological applications of oxidoreductases. Original research reports, review articles, and commentaries are welcome.

Oxidoreductases comprise a large number of enzymes of industrial relevance: peroxidases, peroxygenases, laccases, flavin-containing oxidases and dehydrogenases, unspecific peroxygenases (UPOs), dye-decolorizing peroxidases (DyPs), copper-containing lytic polysaccharide monoxygenases (LPMOs), etc. This Special Issue aims to cover all aspects, from the discovery of novel oxidoreductases, mechanisms of action, and structure–activity relationships to their applications in the production of fine chemicals and polymer building blocks, biosensors, biomaterials, and use in biorefineries for a bio-based economy.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)



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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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