



Biocatalysis and Bioengineering

Guest Editor:

Dr. Samuel De Visser

Manchester Institute of
Biotechnology and School of
Chemical Engineering and
Analytical Science, The University
of Manchester, 131 Princess
Street, Manchester M1 7DN, UK

Deadline for manuscript
submissions:

closed (20 February 2023)

Message from the Guest Editor

Dear Colleagues,

Enzymes are versatile catalysts in Nature that are able to convert substrates into useful products using environmentally benign reaction mechanisms. There are still many gaps in the understanding of chemical reaction mechanisms of enzymes and research into these topics is broad. In addition, engineers are using the knowledge of enzymatic reaction mechanisms to engineer these natural systems and give them novel functions, e.g. for the synthesis of biofuels or small compounds such as drugs. This Special Issue will cover the latest achievements and work done in the fields of biocatalysis and bioengineering.

Prof. Dr. Samuel De Visser

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI