

Special Issue

Editorial Board Members' Collection Series: "Enzyme Inhibition"

Message from the Guest Editors

The human genome only encodes for around 30,000 genes, which is one third of what was previously believed before the first genomes were cloned, and there has been still significant debate surrounding how many of them are druggable. Presently clinically used drugs act on around 400 of these targets pertaining to proteins, nucleic acids, and (more rarely) sugars or lipids, which belong to the human host or various pathogens (bacteria, fungi, protozoans, and other parasites). Around 50% of the known drug targets are enzymes; thus, enzyme inhibition (and, in some cases, activation) constitutes an important field of biomedical research and therapeutic intervention. The present Special Issue will address all research topics connected with enzymes, as well as their inhibition and activation, based on molecular biology, structural chemical biology, drug design, and pharmacological studies in the field.

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Deadline for manuscript submissions

closed (20 June 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*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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