



Cytochrome P450 Mechanism and Reactivity

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:

30 September 2024

Message from the Guest Editor

Dear Colleagues,

The cytochrome P450 enzymes are important enzymes in biology with functions related to biosynthesis and biodegradation. They, for instance, are found in the liver, where they metabolize drugs and xenobiotics, while in plants and bacteria, they synthesize natural compounds for defense and signaling. There are still many questions related to the mechanism, structure, function, and reactivity of these enzymes; hence, a Special Issue covering highlights and new research and developments in the field is proposed. We invite submissions on cytochrome P450 research in its broadest form, covering its biology, structure, and reactivity, as well as applications related to biotechnology and bioengineering.

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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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