

Special Issue

Cytochrome P450: Metabolism, Structure- Function, Evolution and Applications

Message from the Guest Editors

Cytochrome P450 monooxygenases (CYPs/P450s) belong to a superfamily of heme-thiolate proteins that play a vital role in primary and secondary metabolism. P450s are ubiquitous in all domains of life, catalyzing a wide range of reactions with substrate promiscuity and stereo- and regio-specificity. Because of this, P450s have been utilized in a wide range of pharmacological, biotechnological, and environmental applications, including drug discovery and development, the production of fine chemicals, fragrances, pharmaceutical compounds, biofuels, biosensing, and bioremediation. Without being limited to a specific research category, we welcome original articles, short communications, case reports, and reviews (wet laboratory or in silico-based studies) on any topic regarding P450s.

Guest Editors

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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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