

Special Issue

Organic Synthesis Using Biocatalyst

Message from the Guest Editor

Organic synthesis using biocatalysts, especially chiral synthesis, is increasingly getting important for variety of purposes such as drug synthesis and total synthesis due to the high chemo-, region-, and enantio-selectivities of enzyme. More than half of drug candidate molecules have more than one chiral centers and about 10% of the total drug synthesis depends on the biocatalyst. Importantly, these successes are owing to achievements of basic researches. Therefore, this special issue will present novel, unique and innovative application research as well as basic research concerning organic synthesis using biocatalysts. I also hope that this issue will contribute for green chemistry since the enzyme is a natural and reproducible catalyst with high efficiency.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2012)



International Journal of Molecular Sciences

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/1656

*International Journal of
Molecular Sciences*
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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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