



life



an Open Access Journal by MDPI

Advances in Research in Biocatalysis

Guest Editors:

Dr. Kari Stone

Department of Chemistry, Lewis University, Romeoville, IL 60446, USA

Dr. Daniel Kissel

Department of Chemistry, Lewis University, Romeoville, IL 60446, USA

Deadline for manuscript submissions:

closed (29 January 2024)

Message from the Guest Editors

The field of biocatalysis encompasses any type of metabolic transformation from whole cells to purified enzymes that produces new compounds that are of interest for industrial applications or environmental remediation purposes. An overarching goal of biocatalysis is to augment or replace many types of chemical processes by introducing greener alternatives, thus supporting processes that minimize waste, prevent pollution and cost, and support greater sustainability. Enzymes are becoming more prominent in the production of pharmaceuticals, fragrances, biofuels, and polymers. This Special Issue invites papers from a broad spectrum of biological, chemical, and engineering disciplines: biochemical, biomedical, biomaterials, biocatalysis, the directed evolution of enzymes, biodegradation, biofuels, bioplastics, and environmental remediation. Prospective authors should first send a short abstract or tentative title to the Editorial Office. If the editors deem the topic appropriate for inclusion in the Special Issue, the author will be encouraged to submit a full manuscript. Please contact the Guest Editors for questions regarding the suitability of your manuscript.



mdpi.com/si/134706

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)