





an Open Access Journal by MDPI

Microbial Esterases: Genomics, Physiology, Structure, and Applications

Guest Editor:

Prof. Dr. T. Doohun Kim

Department of Chemistry, College of Natural Science, Sookmyung Women's University, Seoul 04310, Korea

Deadline for manuscript submissions:

closed (30 June 2022)

Message from the Guest Editor

Dear Colleagues,

Microbial esterases, a major branch of the hydrolases family, are involved in the formation and cleavage of ester bonds at the molecular level. This enzyme family, which can be used in food, pulp, textile, cosmetics, cosmetics, and biodiesel industries, gained a lot of academic and industrial interest due to their functional significances and application potentials. Although a number of molecular studies were done, further studies are still necessary for the full understanding of this enzyme family. This Special Issue (SI) aims to put together recent advances on microbial esterases, and the main emphasis is given, but not limited, to genomics, functional physiology, structural analysis, and industrial applications of microbial esterases. Manuscripts of original research, communications, and reviews are all welcome.

Prof. Dr. T. Doohun Kim 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