

## Special Issue

# Advances in Research on Biocatalysis and Synthesis

### Message from the Guest Editors

We invite researchers and experts from academia and industry to contribute to this Special Issue. We seek high-quality research focusing on the latest advances in biocatalysis and synthesis. Potential topics include, but are not limited to, the following:

Enzyme production via cost-effective, efficient approaches;

Industrial applications of biocatalysis in sectors such as food, agriculture, and energy;

Enzyme stabilization and immobilization;

Enzyme discovery and engineering for biocatalytic applications;

Bioprocess optimization and scale-up strategies;

Advances in immobilization techniques for biocatalysts;

Enzymatic cascade reactions and multistep synthesis;

Biocatalysis for the production of pharmaceuticals and fine chemicals;

Biocatalysis in sustainable and green chemistry;

Integration of biocatalysis with other synthetic methodologies;

Computational tools and modeling approaches in biocatalysis;

Bioinspired catalysts and biomimetic synthesis.

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### Guest Editors

Dr. Magdy M. Elnashar

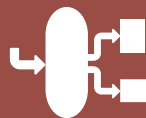
Dr. Marwa Ibrahim Wahba

Prof. Ghada E. A. Awad

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### Deadline for manuscript submissions

closed (20 February 2024)



## Processes

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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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