

Special Issue

Bioprocess Design and Biomass Production Processes

Message from the Guest Editors

This special issue on “Bioprocess Design and Biomass Production Processes” seeks high-quality works focusing on bioprocess optimization, biomass cultivation, and sustainable biotechnology. Topics include, but are not limited to:

- Bioreactor design and optimization
- Microbial engineering for enhanced biomass production
- Metabolic engineering for biomass composition yield improvement
- Integration of bioprocesses with downstream processing
- Bioprocess scale-up and techno-economic analysis
- Biocatalysts and enzymes for biomass conversion
- Bioprocess monitoring and control strategies
- Sustainable feedstock selection and management
- Development of biobased materials, biofuels, and pharmaceuticals

Guest Editors

Dr. Alex Graça Contato

Prof. Dr. Rosane Peralta

Dr. Cristina Giatti Marques de Souza

Deadline for manuscript submissions

closed (30 June 2025)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/202464

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)



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.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))