

Special Issue

Advances in Biomass Pretreatment and Conversion Processes

Message from the Guest Editors

This Special Issue of Processes entitled "Advances in Biomass Pretreatment and Conversion Processes" aims to present new methods of pretreatment, especially in chemical, physical, physico-chemical and biological methods, the use of which will intensify the use of lignocellulosic biomass as a carbon source in microbiological synthesis processes. The Special Issue welcomes papers on:

- The use of new methods of lignocellulose pretreatment, classified under chemical, physical, physicochemical and biological methods,
- The strategies used to limit the formation of pretreatment by-products, which are inhibitors of biological processes,
- Methods of biomass pretreatment in the preparation of hydrolysates used in biosynthetic processes,
- Characteristics of bioconversion processes of biomass hydrolysates obtained from new sources of lignocellulose,
- Detoxification of lignocellulosic hydrolysates,
- Characteristics of processes using lignocellulose as a carbon source in microbiological syntheses.

Guest Editors

Dr. Grzegorz Kłosowski

Department of Biotechnology, Faculty of Biological Sciences, Kazimierz Wielki University, 85-671 Bydgoszcz, Poland

Dr. Dawid Mikulski

Department of Biotechnology, Faculty of Biological Sciences, Kazimierz Wielki University, 85-671 Bydgoszcz, Poland

Deadline for manuscript submissions

closed (29 February 2024)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.1



mdpi.com/si/182949

Processes
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 5.1



[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:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q2 (Chemical Engineering (miscellaneous))