



## Advances in Bioprocess Technology

Guest Editors:

**Dr. Francesca Raganati**

Dipartimento di Ingegneria  
Chimica, dei Materiali e della  
Produzione Industriale,  
Università degli Studi di Napoli  
Federico II, Piazzale Tecchio 80,  
80125 Napoli, Italy

**Dr. Alessandra Procentese**

Industrial Engineering  
Department, University of  
Salerno, Salerno, Italy

Deadline for manuscript  
submissions:

**15 May 2024**

### Message from the Guest Editors

The Special Issue, “Advances in Bioprocess Technology”, will address the latest research in environmentally friendly bioprocess technology. Bioprocess technologies include bioenergy from lignocellulose materials, biomass gasification, biofuels/bioproductions production from agro-food waste, enzymatic bioprocess technology, food fermentation, bioprocesses optimization scale-up, and modeling.

Bioprocess technology is a vital part of biotechnology that deals with processes combining all living matter or its components with nutrients to produce specialty chemicals, reagents, and biotherapeutics. These processes form the backbone of translating discoveries of life sciences into useful industrial products. Different stages associated with bioprocess technology include substrates and media preparation, biocatalyst selection and optimization, volume production, downstream processing, purification, and final processing.

The objective of this Special Issue is to showcase the diversity and advances in research that contributes to developing effective bioprocess technologies.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giancarlo Cravotto**

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

## Message from the Editor-in-Chief

*Processes* (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

## 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)*)

## Contact Us

---

Processes Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/processes](http://mdpi.com/journal/processes)  
[processes@mdpi.com](mailto:processes@mdpi.com)  
[X@Processes\\_MDPI](https://twitter.com/Processes_MDPI)