



Development and Utilization of Bioproducts Based on Microalgae Biomass

Guest Editors:

Dr. Neha Arora

1. Biology Department, Skidmore College, Saratoga Springs, NY 12866, USA

2. Courtesy Faculty, Patel College of Global Sustainability, USF, Tampa, FL 33620, USA

Dr. Shweta Tripathi

Indian Institute of Technology Roorkee, Roorkee 247667, India

Prof. Dr. George Philippidis

Patel College of Global Sustainability, University of South Florida, Tampa, FL 33620, USA

Deadline for manuscript submissions:

3 August 2024

Message from the Guest Editors

This Special Issue on “**Development and Utilization of Bioproducts Based on Microalgae Biomass**” intends to attract novel research, review, and state-of-the-art articles focused on innovative solutions/applications of microalgae-derived bioproducts/biomass in fields of energy, nutrient, or environmental remediation. In addition, studies assessing the economic feasibility/performance efficiency, scalability, and environmental impact of microalgae-based bioproducts/biomass are also welcome.

This Special Issue includes the following topics, but is not limited to:

- Technical advancements and methods used for the generation of microalgae-based bioproducts;
- Novel strategies used for the microalgae-based treatment/mitigation of hazardous components by microalgae/microalgae biomass-derived products;
- The application of microalgae in energy production and storage;
- Life cycle assessment and economic assessment studies.





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

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)