

Special Issue

Recent Advances in Bioactive Compounds from Microalgae

Message from the Guest Editors

The world of microalgae offers new ideas and research opportunities every day. Their numerous production capacities make them usable in different fields, such as agronomy, energy, and pharmaceutical and nutraceutical applications. For this reason, we have decided to garner the latest scientific news regarding discoveries on microalgal compounds and their peculiar characteristics in this Special Issue. This Special Issue on “Recent Advances in Bioactive Compounds from Microalgae” seeks high-quality research focusing on novel process design and technology development for product innovation from microalgae. Topics include, but are not limited to, the following:

- Genetic modification;
- Downstream purification, separation, and recovery;
- Product innovation from microalgae;
- Applications of value-added products;
- Process stimulation;
- Lifecycle assessment;
- Sustainable circular bioeconomy.

Guest Editors

Dr. Giuseppe Martelli

Department of Science, Università degli studi della Basilicata, Viale dell'Ateneo Lucano 10, 85100 Potenza, Italy

Dr. Rosa Paola Radice

Department of Science, Università degli studi della Basilicata, Viale dell'Ateneo Lucano 10, 85100 Potenza, Italy

Deadline for manuscript submissions

closed (30 April 2026)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/234903

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

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





Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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), PubMed, MEDLINE, PMC, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)