

## Special Issue

# Biology, Biotechnology and Bioprospecting of Microbial Biomolecules

### Message from the Guest Editors

Microbial biology and biotechnology are becoming increasingly important as the associated biomolecules are identified. Biological molecules within cellular or subcellular systems represent the real-time status of the organisms. The global identification of different groups of small molecules in the cellular fluids and comparative profiling of the metabolites obtained from cells under varied physiological conditions reveals the functional metabolic status of the organisms and communities, indicates their interaction patterns, and makes it possible to decipher their metabolic signatures. With this Special Issue, we aim to cover topics on biology, biodiversity, bioprospecting, and biotechnological innovations through important microbial natural products and biomolecules. The submissions presented will include review manuscripts, research manuscripts, and short contributions.

**Keywords:** Agro-biotechnology; Bioactive compounds; Bioengineering; Biopharmaceuticals; Chemo-biological diversity; Environmental biotechnology; Industrial and bioprocess technology; Nanotechnology and biomaterials; Protein and genetic engineering; System and synthetic biology

---

### Guest Editors

Prof. Dr. Vijai Kumar Gupta

Prof. K. S. Rangappa

Prof. Dr. Marc Stadler

Prof. P. K. Mishra

Dr. Roberto Nascimento Silva

Dr. D. P. Singh

---

### Deadline for manuscript submissions

closed (31 October 2019)



## Biomolecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 9.2  
Indexed in PubMed



[mdpi.com/si/22404](https://mdpi.com/si/22404)

*Biomolecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biomolecules@mdpi.com](mailto: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)