

## Special Issue

# MAP Kinases: Functions in Signal Transduction and Disease

### Message from the Guest Editor

Since their discovery in the early 1990s, our knowledge on MAP kinases has expanded exponentially; as a result, they have been afforded a prominent position as essential mediators in signaling cascades that regulate key cellular events, and as prime participants in the onset and progression of an ample panel of maladies. This Special Issue of *Biomolecules* explores the most recent advances in our understanding of mechanisms whereby MAP kinases transduce extracellular cues to convert them into specific cellular outputs, the pathological consequences of MAP kinases signaling going awry, and how MAP kinase cascades are emerging as potential therapeutic targets for the treatment of a broad spectrum of diseases.

### Guest Editor

Prof. Dr. Piero Crespo

CSIC Instituto de Biomedicina y Biotecnología de Cantabria (IBBTEC), Santander, Spain

### Deadline for manuscript submissions

closed (31 May 2024)



## Biomolecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 9.4  
Indexed in PubMed



[mdpi.com/si/142590](https://mdpi.com/si/142590)

*Biomolecules*  
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 9.4  
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)