Special Issue

Interface of Aging and Biomaterials

Message from the Guest Editors

The loss of tissue function with aging is one of the most immutable, and most costly, challenges in modern medicine. While this challenge may be daunting, researchers and clinicians have a growing set of tools provided by biomedical sciences. With the development of new pharmaceutical screening techniques, drug delivery systems, biomaterials, and engineered tissues, discovery and clinical translation can occur faster than ever before. Unfortunately, many of these developments are not targeted specifically to aging, may not account for the unique challenges and opportunities of aging research, and may not be broadly disseminated to the aging community. The intent of this Special Issue is to highlight the latest advances in biomaterials and biomolecules as applied in the context of aging.

Guest Editors

Dr. Joshua T. Morgan

Department of Bioengineering 205 Materials Science & Engineering, University of California, Riverside, CA 92521, USA

Dr. Shantanu Pradhan

Department of Biotechnology, Indian Institute of Technology Madras, Chennai, India

Deadline for manuscript submissions

closed (30 September 2023)



Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/120921

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

mdpi.com/journal/biomolecules





Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 9.2 Indexed in PubMed



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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

