

Special Issue

Novel Materials for Biomedical Applications

Message from the Guest Editors

Novel materials including nanoparticles play a significant role in drug delivery for the treatment of diseases, vaccine delivery and tissue regeneration. Specifically, smart biomaterials and nanoparticles are widely used for targeted delivery. This Special Issue of *Biomolecules* will focus on the most recent advances including micro-/nanocarrier-based materials, the synthesis or conjugation of novel materials, and protein/peptide-based biomaterials for biomedical applications. Current advances in the development of these novel materials including multifunctional liposomes, microneedles, microdroplets, nanoparticles, and other micro-/nanocarriers for disease treatment and skin and vascular regeneration will be addressed. Discussion on designing novel micro-/nanocarriers, drug delivery, and the synthesis or conjugation of novel materials with currently available FDA-approved drugs in biomedical applications will also be encouraged in this context. Both research and review articles proposing novelties are welcome

Guest Editors

Dr. Jayakumar Rajadas

Biomaterials and Advanced Drug Delivery Laboratory, Stanford University, Stanford, CA, USA

Dr. Mustafeez Mujtaba Babar

Shifa College of Pharmaceutical Sciences, Shifa Tameer-e-Millat University, Islamabad, Pakistan

Deadline for manuscript submissions

closed (31 October 2022)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/98501

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

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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

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