

Special Issue

Innovations in Biomaterials for Advanced Biomedical Applications

Message from the Guest Editors

We are excited to announce a Special Issue on "Innovations in Biomaterials for Advanced Biomedical Applications", which aims to explore groundbreaking innovations in the intersection of biomaterials and medicine. This issue will showcase the latest developments in the design and application of biomaterials transforming the landscape of cancer treatment, wound care, and targeted drug delivery. We invite contributions that reflect cutting-edge research, offering new insights into the various applications of biomaterials in improving therapeutic outcomes, reducing side effects, and enhancing patient care. Key topics of interest include, but are not limited to, the following:

- Novel biomaterials for targeted drug delivery and precision cancer therapies;
- Advanced biomaterials for real-time wound imaging and diagnostics;
- Bioengineered scaffolds promoting tissue regeneration and wound healing;
- Immunomodulatory biomaterials for enhanced cancer immunotherapy;
- Photothermal and photodynamic biomaterials for cancer treatment.

Guest Editors

Dr. Muhammad Zubair

Faculty of Agricultural, Life and Environmental, Department of Agricultural, Food & Nutritional Science, University of Alberta, Edmonton, AB T6G 2R3, Canada

Dr. Aman Ullah

Department of Agricultural, Food and Nutritional Science, 4-10 Agriculture/Forestry Centre, University of Alberta, Edmonton, AB T6G 2P5, Canada

Deadline for manuscript submissions

closed (15 November 2025)



Bioengineering

an Open Access Journal
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Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/219450

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

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

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