Special Issue

Nano-Bio Interface

Message from the Guest Editors

The intersection of nanotechnology and biotechnology has opened up a wealth of possibilities in various fields, including medicine, agriculture, environmental science, and materials science. The nano-bio interface, where nanoscale materials and biological systems meet, has become a focal point of research and innovation. This Special Issue of *Bioengineering* aims to bring together cutting-edge research at the forefront of this exciting and dynamic field. We invite researchers, scientists, and experts from across the globe to contribute original research articles, reviews, and perspectives that explore the nano-bio interface. Topics of interest for this Special Issue include but are not limited to: Nanoparticles for Drug Delivery; Biomaterials and Tissue Engineering; Nanotechnology in Diagnostics; Nanotoxicology and Safety Assessment; Biological Interactions at the Nanoscale: Understanding the interactions between nanomaterials and biological systems, including cellnanoparticle interactions and protein adsorption.

Guest Editors

Dr. Zichena Dena

Department of Child Health, The University of Arizona, Phoenix, ZA, USA

Prof. Dr. Donglu Shi

The Materials Science and Engineering Program, Department of Mechanical and Materials Engineering, College of Engineering and Applied Science, University of Cincinnati, Cincinnati, OH 45221, USA

Deadline for manuscript submissions

closed (28 February 2025)



Bioengineering

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 5.3 Indexed in PubMed



mdpi.com/si/185944

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

mdpi.com/journal/bioengineering





Bioengineering

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 5.3 Indexed in PubMed



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Biomedical) Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.

