

Special Issue

Nano–Bio Interface—Second Edition

Message from the Guest Editors

The nano–bio interface, where nanoscale materials and biological systems meet, has become a focal point of research and innovation in various fields, including medicine, agriculture, environmental science, and materials science. 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 include, but are not limited to, the following:

- Nanoparticles for Drug Delivery;
- Advances in the design and characterization of nanomaterials for tissue engineering, regenerative medicine, and biocompatible implants;
- Nanotechnology in Diagnostics: The development of nanoscale biosensors, imaging techniques, and diagnostic tools for early disease detection and monitoring;
- Nanotoxicology and Safety Assessment;
- Biological Interactions at the Nanoscale;
- Nanoparticles in Agriculture and Food Science;
- Environmental Implications of Nanotechnology.

Guest Editors

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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

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

