

## 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.

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### Guest Editors

Dr. Zicheng Deng

Prof. Dr. Donglu Shi

Prof. Dr. Yilong Wang

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### Deadline for manuscript submissions

30 November 2025



## Bioengineering

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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