

Special Issue

Nanoparticle Interaction with the Biological Milieu

Message from the Guest Editor

Nanoparticle interactions with the biological milieu mediate their toxicity, bioactivity, efficacy, circulation time, and biodistribution. Understanding how these nanoparticles interact with that milieu remains one of the most important obstacles regarding the development of future imaging, antimicrobial, and therapeutic agents.

Therefore, the current Special Issue emphasizes those studies that focus on nanoparticle interactions with cells, proteins, extra-cellular matrix; bacteria, viruses, and DNA. Beyond the mechanisms of interactions, the cutting edge issues include novel testing methods and the biological response associated with nanoparticle interactions with the biological milieu.

We look forward to receiving your contributions as either reviews or technical manuscripts for this Special Issue.

Guest Editor

Prof. Dr. Frank Alexis

Colegio de Ciencias e Ingenierías, Universidad of San Francisco de Quito, Quito 107910, Ecuador

Deadline for manuscript submissions

closed (1 June 2017)



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/7200

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

[mdpi.com/journal/
bioengineering](https://mdpi.com/journal/bioengineering)





Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



[mdpi.com/journal/
bioengineering](https://mdpi.com/journal/bioengineering)



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, CAPIus / 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.