

Special Issue

Toxicity of Nanomaterials: Current and Future Trends

Message from the Guest Editor

The toxicity of nanomaterials has been a growing area of concern in recent years due to their beneficial physical and chemical properties, as well as their increasing use in various industries. Over the past few decades, significant progress has been made in understanding the toxicity of nanomaterials. However, there is a continued need for innovative concepts and research methodologies in the study of nanomaterial toxicity. The Special Issue "Toxicity of Nanomaterials: Current and Future Trends" aims to provide a comprehensive overview of the status of knowledge regarding the toxicity of nanomaterials, including their potential health and environmental effects. The purpose of this Special Issue is to provide a comprehensive and up-to-date resource for researchers, practitioners, and policy makers, and to help advance our understanding of the toxicity of nanomaterials. The issue will be situated within the existing literature by building on and extending existing knowledge and providing new insights and perspectives on this important and rapidly evolving field.

Guest Editor

Dr. Xiang Wang

Division of NanoMedicine, Department of Medicine, University of California, Los Angeles, CA 90095, USA

Deadline for manuscript submissions

closed (20 June 2024)



Journal of Functional Biomaterials

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/161979

*Journal of Functional
Biomaterials*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jfb@mdpi.com

mdpi.com/journal/

[jfb](#)





Journal of Functional Biomaterials

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed



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

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



About the Journal

Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials (JFB)* is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Pankaj Vadgama

School of Engineering and Materials Science, Queen Mary University of London, London, UK

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Ei Compendex, Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Biomedical) / CiteScore - Q2 (Biomedical Engineering)