



## Advanced Nanotechnology and Drug Delivery

Guest Editors:

**Prof. Dr. Hongjun Li**

**Dr. Zhiting Cao**

**Dr. Caoyun Ju**

Deadline for manuscript  
submissions:  
**closed (20 February 2023)**

### Message from the Guest Editors

Dear Colleagues,

Functional materials combined with nanotechnology may lead to exciting advances in drug delivery, tissue regeneration, and disease diagnosis. With the rapid development of emerging techniques, such as cell/bacterial-based cancer immunotherapy, near-infrared II window imaging, and controllable nanofabrication, there is also a tremendous need for novel opinions in the design of functional biomaterials. The aim of this Special Issue is to develop more advanced nanotechnology and functional biomaterials for drug delivery and relative applications. Both research and review articles focusing on advanced nanotechnology and drug delivery are welcome.

The Special Issue contents are expected to include:

- Nanotechnology for cancer immunotherapy;
- Nanotechnology for disease diagnosis;
- Advanced drug delivery systems.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Pankaj Vadgama

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

## 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.

## 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](#), [Inspec](#), [CAPus / SciFinder](#), [AGRIS](#), and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Biomedical) / CiteScore - Q2 (*Biomedical Engineering*)

## Contact Us

*Journal of Functional Biomaterials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/jfb](http://mdpi.com/journal/jfb)  
[jfb@mdpi.com](mailto:jfb@mdpi.com)  
[X@JFB\\_MDPI](https://twitter.com/JFB_MDPI)