

Special Issue

Nanostructured Materials/Biomaterials for Healthcare Applications

Message from the Guest Editor

With the increase in the population, regular road accidents, industrial accidents, wars between countries, and increased infections due to the development of different viruses similar to COVID-19, the demand for new advanced nanostructured materials and biomaterials for controlling and treating such effects is increasing day by day. Hence, to fulfill the above requirements in this Special Issue, different contributions based on nanostructured materials or biomaterials are required in the fields of diagnosis, dentistry, bioimaging, tissue engineering, and drug delivery to fulfill the demand for human welfare.

Keywords

- advanced nanostructured materials
- composite nanostructured materials
- nanostructured materials
- biomaterials
- nanostructured materials for drug delivery and cancer treatment
- magnetic nanostructured materials
- ceramic nanostructured materials
- metal and metal oxide nanostructured materials

Guest Editor

Dr. Gopalu Karunakaran

Department of Fine Chemistry, Seoul National University of Science and Technology, Gongneung-ro 232, Nowon-gu, Seoul 01811, Republic of Korea

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

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





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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

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