

Special Issue

Nanotechnology for Biomedical Applications

Message from the Guest Editor

New nanobiomaterials are developed every day in biomedical science labs, and now more than ever, the field is changing at an increasingly high rate. This is happening thanks to the feedback offered by the post-market experience and the clinical practice which has taken place in the last two decades, since the nanotechnology revolution began. This Special Issue on “Nanotechnology for Biomedical Applications” is now open to collect studies on advanced materials and technologies that propose alternative strategies to tackle biological and medical problems at the nanoscale or that shed light on new relevant challenges.

Nanobiomaterials such as new multifunctional polymers, smart and stimuli-responsive nanosystems, hybrid nanoconstructs including nanocomposites, and macromolecular contrast agents, are some of the items that this Special Issue will include. A rational design strategy and construction and characterization of the proposed systems are of particular interest. Original papers, communications, and reviews are welcomed.

Guest Editor

Dr. Carla Sardo

Department of Pharmacy, University of Salerno, Via Giovanni Paolo II 132, I-84084 Fisciano, SA, Italy

Deadline for manuscript submissions

closed (30 November 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/50664

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

mdpi.com/journal/

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)