



an Open Access Journal by MDPI

New Insights in Nanotechnology for Regenerative Medicine

Guest Editor:

Prof. Dr. Paola Fabbri

Department of Civil, Chemical,
Environmental and Materials
Engineering, University of
Bologna, 40131 Bologna, Italy

Deadline for manuscript
submissions:

closed (15 February 2022)

Message from the Guest Editor

Dear Colleagues,

We invite authors to contribute original research or comprehensive review articles covering the most recent progress and new developments in the nanotechnology for regenerative medicine, in the development of new organic and inorganic materials that support tissue regeneration, their diverse combinations to fabricate novel devices and scaffolds, surface modification technologies for integration with biological environments, and new solutions for the many medical areas of interest (dental, maxillo-facial, articular, etc.). This Special Issue aims to cover a broad range of subjects, from nanomaterials synthesis to the design and characterization of scaffolds, and devices and technologies with nanomaterial integration to support the regeneration of biological tissues.



mdpi.com/si/84653

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University
of California Davis, One Shields
Avenue, Davis, CA 95616-5270,
USA

Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (General Chemical Engineering)

Contact Us

Nanomaterials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nanomaterials
nanomaterials@mdpi.com
[X@nano_mdpi](https://x.com/nano_mdpi)