



materials



an Open Access Journal by MDPI

Advanced Polymeric Biomaterials: Preparation, Characterization and Applications (Second Volume)

Guest Editor:

Dr. Magdalena Aflori

Department of Physics of
Polymers and Polymeric
Materials, Petru Poni Institute of
Macromolecular Chemistry, 41 A
Grigore Ghica Voda Alley, 700487
Iasi, Romania

Deadline for manuscript
submissions:

closed (31 July 2022)

Message from the Guest Editor

The present Special Issue on “Advanced Polymeric Biomaterials: Preparation, Characterization and Applications (Second Volume)” welcomes contributions in the form of full articles, short communications, or review articles in topics related to the design, synthesis, characterization, surface modification and processing of multifunctional polymeric and composite biomaterials for use in different biomedical applications, including but not limited to medical implants and devices, drug delivery, tissue engineering and biosensors. This Special Issue represents a good opportunity for chemists, biologists, physicists, pharmacologists and physicians to put together different aspects of their research that aim to control complex and tunable chemical, mechanical and biological functions in vitro and in vivo.



mdpi.com/si/74696

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)