



an Open Access Journal by MDPI

Development of Biomaterials for Using as Nanomedicines and Drug Delivery

Guest Editor:

Dr. Yolanda Salinas

Institute of Polymer Chemistry,
Johannes Kepler University Linz,
Altenbergerstraße 69, 4040 Linz,
Austria

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

In recent years, the application of nanomaterials in the healthcare and medical sector, best known as nanomedicine, has attracted considerable attention for early diagnosis, targeting, imaging, and treatment of diseases. To overcome these challenging issues, new and more efficient non-invasive and intelligent materials (or “smart materials”) are being engineered to be responsive to certain stimuli, hence releasing their cargo more specifically. In fact, a great variety of materials have already been developed whose use in nanomedicine is very promising, such as polymeric, organic, inorganic, or hybrid biomaterials, metallic and quantum dots, and different types of structures, such as micelles, supramolecular self-assemblies, polymersomes, dendrimers, and hydrogels.

This Special Issue aims to identify and review up-to-date biomaterials for drug delivery, and the Guest Editor cordially encourages you to submit your latest research as a full paper or communication paper or to write a field-related minireview.

Dr. Yolanda Salinas
Guest Editor



mdpi.com/si/109187

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)