Special Issue

Development of Biomaterials for Using as Nanomedicines and Drug Delivery

Message from the Guest Editor

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 cordially encourages you to submit your latest research as a full paper or communication paper or to write a field-related minireview.

Guest Editor

Dr. Yolanda Salinas
Institute of Polymer Chemistry, Johannes Kepler University Linz, Altenbergerstraße 69, 4040 Linz, Austria

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

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Message from the Editorial Board

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.

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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

Prof. Dr. Yuguang Ma
State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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