



an Open Access Journal by MDPI

Advanced Materials in Cardiovascular Nanomedicine

Guest Editors:

Prof. Dr. Maria Santos-Martinez

School of Pharmacy & Pharmaceutical Sciences, School of Medicine, Trinity College Dublin, The University of Dublin, Dublin, Ireland

Prof. Dr. Carlos Medina Martin

School of Pharmacy & Pharmaceutical Sciences, School of Medicine, Trinity College Dublin, The University of Dublin, Dublin, Ireland

Prof. Dr. Marek Radomski

College of Medicine, University of Saskatchewan, Saskatoon, SK, Canada

Deadline for manuscript submissions:

closed (15 December 2020)

Message from the Guest Editors

Dear Colleagues,

Cardiovascular disease is one of the leading health-related problems worldwide and, according to the World Health Organization (WHO), constitutes the major cause of death in the first world. It includes disorders in which the dysfunction of the heart (congenital or secondary to rheumatic heart disease, for example) or the build-up of atheroma plaques in the arteries lead to coronary heart disease, cerebrovascular disease, and peripheral arterial disease.

This Special Issue is focused on the potential applications of new materials or nanomaterial platforms for the diagnosis or treatment of cardiovascular diseases or in situations where the development of blood-compatible surfaces for medical applications is critical. Full papers, communications, and reviews covering one or several of the topics indicated by (or related to) the keywords below are welcome.

Prof. Dr. Maria Santos-Martinez

Prof. Dr. Carlos Medina Martin

Prof. Dr. Marek Radomski

Guest Editor



mdpi.com/si/16314

Special Issue



an Open Access Journal by MDPI

Editors-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

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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.

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 - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (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)