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Advanced Materials in Cardiovascular Nanomedicine

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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

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Prof. Dr. Marek Radomski

Guest Editor



mdpi.com/si/16314

Special Issue



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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.

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