Special Issue

Magnetic Responsive Materials for Tissue Engineering and Antimicrobial Applications

Message from the Guest Editors

The aim of this Special issue is to cover promising recent, and novel research trends in the field of magnetic responsive materials for tissue engineering or antimicrobial approaches, or the combination of both. Reviews on materials or applications within this field will also be accepted. The areas to covered in this Special Issue may include, but are not limited to: - Science and engineering of magnetoelectric/magneto-active materials - Magnetically-activated antimicrobial surfaces - Magneto-active scaffolds for tissue engineering - Surface functionalization for tissue engineering and/or antimicrobial approaches (multifunctional coatings) - Bacteriostatic and/or bacteriocidal magneto-active antimicrobial agents - Target-directed magnetic or electrical microenvironments (e.g., responsive to environmental stimuli.

Guest Editors

Dr. Margarida M. Fernandes
Centro/Departamento de Física, Universidade do Minho, 4710-057 Braga, Portugal
Dr. Clarisse Ribeiro
Centro/Departamento de Física, Universidade do Minho, 4710-057 Braga, Portugal

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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.

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

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