Special Issue

Anti-Infective Materials

Message from the Guest Editors

Attracting increasing interest over the years, anti-infective biomaterials appear as the only winning strategy to prevent implant infections and significantly reduce their rates of occurrence. Various strategies have been devised to convert the surfaces of biomedical devices into antimicrobial surfaces. Anti-fouling and bacteria-repelling surfaces, antibacterial self-sterilizing coatings, bulk materials endowed with intrinsic antibacterial properties, nanostructured surfaces, local delivery systems of bactericidal, and anti-biofilm or immune-modulatory molecules are just some of the anti-infective solutions that are being proposed.

The scope of this Special Issue, entitled “Anti-infective materials”, is to provide state-of-the-art research on the production, characterization, and application of biomaterials designed for their anti-infective properties and, at the same time, their biocompatibility. For more information, please click the following link: https://www.mdpi.com/journal/materials/special_issues/anti_anfective_materials

Guest Editors

Prof. Dr. Carla Renata Arciola
Prof. Dr. Lucio Montanaro
Dr. Davide Campoccia

Deadline for manuscript submissions

closed (10 November 2021)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/19820

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

About the Journal

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.

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

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)