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

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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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