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Anti-Infective Materials

Guest Editors:

Prof. Dr. Carla Renata Arciola
Research Unit on Implant Infections, Rizzoli Orthopaedic Institute, Via di Barbiano 1/10, 40136 Bologna, Italy

Prof. Dr. Lucio Montanaro
Laboratorio di Patologia delle Infezioni Associate all'Impianto, IRCCS Istituto Ortopedico Rizzoli, Via di Barbiano 1/10, 40136 Bologna, Italy

Dr. Davide Campoccia
Research Unit on Implant Infections, Rizzoli Orthopaedic Institute, 40136 Bologna, Italy

Deadline for manuscript submissions:
closed (10 November 2021)

Message from the Guest Editors

Dear Colleagues,

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.

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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

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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