



Novel Materials for Antibacterial, Cells Proliferation, Differentiation and Adhesion

Guest Editor:

**Prof. Dr. José Luis Calvo
Guirado**

1. Department Oral and Implant Surgery, Faculty of Oral Sciences, Universidad Católica San Antonio de Murcia (UCAM), Murcia, Spain
2. Research Professor
Department of Prosthodontics and Digital Technologies, School of Dental Medicine, State University of New York at Stony Brook, New York, NY, USA

Deadline for manuscript
submissions:
closed (30 November 2020)

Message from the Guest Editor

Dear Colleagues,

The novel design of implants and biomaterials has come to reduce bone resorption and increase bone formation. This Special Issue will focus on the different implant surfaces and new biomaterials with antibacterial properties in order to reduce the risk of peri-implantitis and protect bone crests. The research has mainly focused on conventional implants, and several systematic reviews and clinical studies have reported which biomaterial and implant surfaces have an antibacterial design and stimulate cell adhesion.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Prof. Dr. José Luis Calvo Guirado
Guest Editor





an Open Access Journal by MDPI

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

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.

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 & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)