

Special Issue

Biomaterials Development and Evaluation for Dentistry

Message from the Guest Editors

Biomaterials play a fundamental role in dental practice today, being used on a daily basis. They are used to replace lost tissues and restore oral function across all dental specialties. While in the past, we aimed for biotolerant and bioinert materials, state-of-the-art compounds with bioactive properties, in addition to replacing the lost tissues, also stimulate reparative and regenerative processes. These improved biomaterials expand the therapeutic options and clinical success in an unprecedented manner. This Special Issue of *Materials* aims to provide the readership with the current research on dental biomaterials, particularly the development of bioactive materials, their physical and biocompatibility assessment, and clinical applicability. Original research using different cellular and animal models, as well as translational and clinical work describing the use of biomaterials, is welcome. Review manuscripts focusing on dental biomaterials will also be included.

- Biomaterials
- Dentistry
- Biocompatibility
- Bioactivity
- Physical properties
- Clinical and preclinical trials
- Nanotechnology

Guest Editors

Prof. Dr. Eunice Carrilho

Institute of Integrated Clinical Practice, Faculty of Medicine, University of Coimbra, 3000-075 Coimbra, Portugal

Dr. Mafalda Laranjo

Faculty of Medicine, Area of Environment Genetics and Oncobiology (CIMAGO), Institute of Biophysics and Institute for Clinical and Biomedical Research (ICBR), University of Coimbra, 3000-548 Coimbra, 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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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

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