







an Open Access Journal by MDPI

Biocompatibility of Dental Restorative and Prosthetic Materials: Where Are We Now and Where We Would Like to Go?

Guest Editor:

Prof. Dr. Alexandra Ripszky Totan

1. Biochemistry Department,
Dental Medicine Faculty,
University of Medicine and
Pharmacy Carol Davila,
Bucharest, Romania
2. The Interdisciplinary Center for
Dental Research and
Development, Carol Davila
University of Medicine and
Pharmacy, 020021 Bucharest,
Romania

Deadline for manuscript submissions:

closed (20 December 2022)

Message from the Guest Editor

Dear Colleagues,

My colleagues and I would are pleased to invite both researchers and clinicians to submit research articles, review articles, and communications to this Special Issue.

The purpose of this Special Issue is to highlight new trends regarding dental restorative and prosthetic materials biocompatibility, and to reveal how our current knowledge may open new paths towards obtaining such materials with superior qualities, including improved oral biocompatibility.

- prosthetic materials
- restorative materials
- CAD-CAM technologies
- composite resins
- monomer release
- curing behaviour
- wear resistance
- polymerization
- oxidative stress
- inflammation
- saliva













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, OC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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 - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

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