



an Open Access Journal by MDPI

Behaviour of Dental Composite Materials

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 (30 November 2021)

Message from the Guest Editor

Composite resins are widely used in dentistry, for both direct and indirect restorations and have been constantly improved with every new generation of products. Over the last decade, digital technology (CAD/CAM) has challenged the classical approach and has been rapidly adopted in restorative dentistry, management of temporomandibular disorders, orthodontics, and orthognathic surgery. One further step in this direction is three-dimensional printing, which is beginning to play an increasingly important role in dentistry, especially for interim prosthetic restorations. This technique used for obtaining temporary prosthesis has distinct advantages compared to the conventional ones. Unfortunately, resin-based dental materials are not inert in the oral environment and may release components, initially due to incomplete polymerization, and later due to degradation. Consequently, more precise knowledge of the actual quantity of released eluates is necessary.





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 - 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](https://twitter.com/Materials_Mdpi)