

## Special Issue

# Frontiers in Restorative Dentistry Biomaterials and Endodontic Instruments

### Message from the Guest Editors

This Special Issue aims to collect the newest information about biological, physical, chemical, and mechanical properties of restorative dental materials, including composite resins, bioceramic materials, and sealants. Particular focus is on adhesion techniques both on healthy tooth surfaces and on eroded or pretreated surfaces. In fact, in everyday clinical practice, ideal tooth conditions are far from usual, and the performance of restorative materials can be unpredictable. The in vitro/ex vivo reproducibility of clinical situations could help dental specialists in identifying the limits and strengths of restorative dental materials and thus choosing the appropriate adhesion technique and material. Original articles and review articles are welcome. In vivo case reports and case series are taken under consideration for publication.

---

### Guest Editors

Dr. Claudio Poggio

Department of Clinical, Surgical, Diagnostic and Pediatric Sciences -  
Section of Dentistry, University of Pavia, Pavia, Italy

Dr. Simone Gallo

Department of Clinical, Surgical, Diagnostic and Paediatric Sciences,  
Section of Dentistry, University of Pavia, Pavia, Italy

---

### Deadline for manuscript submissions

closed (30 November 2023)



## Materials

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/110140](https://mdpi.com/si/110140)

*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

[mdpi.com/journal/  
materials](https://mdpi.com/journal/materials)





# Materials

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/journal/  
materials](https://mdpi.com/journal/materials)



## 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

---

### 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 and Metallurgical Engineering) /  
CiteScore - Q1 (Condensed Matter Physics)