







an Open Access Journal by MDPI

Resin-Based Composite Materials for Restorative Dentistry

Guest Editors:

Prof. Dr. Dohyun Kim

Department of Conservative Dentistry, Yonsei University College of Dentistry, Seoul 03722, Korea

Prof. Dr. Sung-Ho Park

Department of Conservative Dentistry, Yonsei University College of Dentistry, Seoul 03722, Korea

Prof. Dr. Yooseok Shin

Department of Conservative Dentistry, Yonsei University College of Dentistry, Seoul 03722, Korea

Deadline for manuscript submissions:

closed (31 May 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue on "Resin-Based Composite Materials for Restorative Dentistry" aims to provide recent knowledge and relevant insights into current resin-based composite materials used in clinical restorative dentistry.

Labortory or preclinical studies on mechanical, chemical, optical, and biological properties of these materials, as well as clinical studies on clinical performance and outcome in various aspects of these materials (e.g., esthetics, sensitivity, longevity) are all welcome.

- Potential topics include but not limited to:
- Conventional or bulk-fill direct restorative materials;
- Indirect restorative materials such as CAD/CAM blocks;
- Dental adhesives:
- Resin-based adhesive luting cements;
- Novel resin-based composite materials with antibacterial or bioactive properties;
- Light curing units for polymerization of resin-based composite materials.

It is our pleasure to invite you to submit a manuscript for the Special Issue.













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 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