

## Special Issue

# Endodontics and Restorative Dentistry: Advanced Materials, Methods and Technologies

### Message from the Guest Editor

The evolution of biomaterial engineering has revolutionized the fields of endodontics and restorative dentistry, fostering the development of innovative materials and techniques which improve clinical outcomes. This Special Issue, "Endodontics and Restorative Dentistry: Advanced Materials, Methods and Technologies", seeks to highlight groundbreaking advancements in biomaterials and their applications in dentistry. The topics of interest include the design and characterization of novel bioactive materials, such as bioglass formulations capable of inducing tissue regeneration and providing antimicrobial properties, and their use in endodontic therapies, materials, or restorative procedures. Additionally, studies on tissue engineering approaches, including strategies for pulp and bone regeneration, bibliometric analyses, and systematic reviews on emerging trends, are encouraged. We invite researchers and clinicians to contribute original articles and reviews that bridge the gap between material science and clinical application, aiming to shape the future of endodontics and restorative dentistry.

---

### Guest Editor

Prof. Dr. Francine Benetti

Department of Restorative Dentistry, Universidade Federal de Minas Gerais, Belo Horizonte 31270-901, Brazil

---

### Deadline for manuscript submissions

closed (20 April 2026)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/227950](https://mdpi.com/si/227950)

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

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )