

## Special Issue

# Cell Biology in Dentistry: Second Edition

### Message from the Guest Editors

The progress of cell biology in dentistry will greatly improve the level of dental care, based on the current state of accumulated knowledge. Cell-based treatments for some dental tissues will become more predictable along with recent advances in tissue engineering and our understanding of progenitor cell biology, overcoming the limitations of present therapeutic techniques. However, most studies are now focused on the characterization of mesenchymal stem cells, bone regeneration and periodontal regeneration. This Special Issue deals with various fields of oral biology, including dental tissue regeneration, dental tissue engineering, the characterization of dental-related stem cells and dental-related cell culture systems as well as developmental biology and neurobiology in the human oral milieu.

---

### Guest Editors

Prof. Dr. Issei Saitoh

Department of Pediatric Dentistry, Asahi University School of Dentistry, 1851-1, Hozumi, Mizuho, Gifu 501-0296, Japan

Prof. Dr. Takayoshi Yamaza

Department of Molecular Cell Biology and Oral Anatomy, Kyushu University Graduate School of Dental Science, Fukuoka 812-8582, Japan.

---

### Deadline for manuscript submissions

closed (31 October 2024)



## Biomedicines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/188745](https://mdpi.com/si/188745)

*Biomedicines*

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

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





# Biomedicines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.9  
CiteScore 5.2  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

---

### Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (Medicine (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.3 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2024).