



Models for Oral Biology Research 2.0

Guest Editors:

Dr. Fernando Capela e Silva

Dr. Elsa Lamy

Dr. Paula Midori Castelo

Deadline for manuscript
submissions:
closed (29 February 2024)

Message from the Guest Editors

This Special Issue aims to gather high-quality research, highlighting the importance of the use of models in the study of oral biology. Potential topics include but are not limited to the following:

- Comparative anatomy and physiology;
- Salivary biology;
- Mastication and swallowing;
- Mechanisms of pellicle and biofilm formation, mechanisms, and regulation of exocrine processes;
- In vitro applications of three-dimensional oral mucosal models;
- Human embryonic stem cells as a model to study craniofacial development;
- Human stem cells for applications in dental and craniofacial tissue regeneration;
- Emerging model systems;
- In silico models for the study of oral biology;
- Aging and oral health;
- Diseases of the mouth and related structures such as salivary glands, temporomandibular joints, masticatory and facial muscles, and perioral skin;
- Biomedical engineering, tissue engineering, and stem cells;
- Biomarkers for oral and periodontal diseases;
- Oral biology and physiopathology;
- Oral microbiology and immunology;
- Sensory neuroscience;
- Mineralized tissue biology and craniofacial development





an Open Access Journal by MDPI

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

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.

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](#), [CAPUS / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](#)