

# Special Issue

## Models for Oral Biology Research 2.0

### 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.

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### Guest Editors

Dr. Fernando Capela e Silva

Dr. Elsa Lamy

Dr. Paula Midori Castelo

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### Deadline for manuscript submissions

closed (29 February 2024)



## Biomedicines

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

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## 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.

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### 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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.6 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2024).