

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.

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)



Biomedicines

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Impact Factor 3.9

CiteScore 6.8

Indexed in PubMed



mdpi.com/si/133023

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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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