

Special Issue

Tissue Engineering and Advanced Materials in Dental and Craniofacial Rehabilitation

Message from the Guest Editors

The remarkable advancements of stem cell biology and the progress in bio-material science are prompting the impressive development of protocols based on regenerative techniques in dental and craniofacial fields. Clinical applications have seldom benefited from the translation of the most compelling advancements of basic research. However, partial dental regeneration and periodontal ligament engineering are no longer wishful tasks, but rather the focus of current dental scientists. Likewise, the three-dimensional reconstruction of large bone defects has become conceivable through 3d bio-printing, and the improvement of the interface of biomaterials has been achieved using a large variety of surface modification techniques. These advancements are constantly pushing the boundaries further, bridging the gap between research and clinical application. As the of this Special Issue, which will be published in *Biomedicines*, we invite submissions from colleagues who have experience in dental and craniofacial rehabilitation, especially those based on stem cell biology and/or material science and who are experts in tissue engineering and/or advanced biomedical devices.

Guest Editors

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Deadline for manuscript submissions

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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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