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Tissue Engineering and Advanced Materials in Dental and Craniofacial Rehabilitation

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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 Guest Editors 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.



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Special Issue



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Message from the Editor-in-Chief

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