

Special Issue

Advances in Dental and Maxillofacial Tissue Engineering

Message from the Guest Editors

In dental medicine, tissue reconstruction has attracted an increasing amount of interest in oral and maxillofacial disciplines. Scaffolds, stem cells and biomaterials promise a bright future ahead in the treatment of craniofacial defects, clefts, TMJ disorders, tooth regeneration and periodontal problems. Additive 3D manufacturing technologies can also be used in oral and maxillofacial surgery. Pulp tissue regeneration, enamel and dentin development can also be attempted with these new emerging possibilities. Stem cells and/or scaffolds loaded with active growth factors can be commonly used in orthodontics to enhance orthodontic tooth movement and target the control of growth at the right time, with the desirable outcomes. This Special Issue focuses on the most recent “Advances in Dental and Maxillofacial Tissue Engineering”. Original research contributions will be prioritized, but reviews about the state of the art, current limitations and future perspectives are also welcome.

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