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New Materials and Technologies for Guided Tissue Regeneration

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Message from the Guest Editor

Dear Colleagues,

Guided tissue regeneration is a successful procedure employed to increase and/or to create soft and hard tissues for oral and craniomaxillofacial surgery. At present, this biological principle has been improved by the development of several new materials and technologies to reduce the time and increase the efficiency of the regenerative procedure. In addition, local delivery of molecules as growth factors and stem cells combined with new designed and produced scaffolds had expanded the regenerative area, including not only target cells as osteoblasts, but also cells from the periodontal ligament.

This Special Issue aims to explore and share new emerging concepts and technologies in Biomaterials produced by additive manufacturing and other conventional methods applied in several areas.

Prof. Jamil Awad Shibli
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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