



Engineered Biomaterials for Bone Tissue Regeneration

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Message from the Guest Editor

The repair of bone defects originating from trauma, tumor resection, and bone diseases demands additional functional components to promote bone regeneration. The reconstruction of bone defects is a complex biological process that requires osteoconductive biomaterials, osteogenic precursor cells, and osteoinductive growth factors.

The aim of this Special Issue is to fabricate and characterize engineered 3D membranes and to evaluate the biological functions of membranes for bone tissue regeneration. Topics include various fabrication methods, unique characterization, polymer and composite materials, biomedical applications such as bone tissue regeneration, drug delivery for bone defect healing, etc.





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Message from the Editor-in-Chief

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