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## **Advances in Novel 3D-Printed Biomaterials**

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# **Message from the Guest Editors**

Dear Colleagues,

Notably, 3D-printing has enormous potential as a method for fabricating scaffolds for tissue engineering, biomedical devices, diagnostic and drug delivery platforms. The advantages of using 3D-printing for manufacturing scaffolds are multiple, including an incomparable architecture control at multiscale. This technology enables us to create scaffolds with precise and complex geometric configurations that can match the tissue defects, interconnected macro-/microporosities, compositional gradients, and multiple cells (co-culture) and biological cues.

Besides the recent progress made in 3D-printing methods and instrumentation, the rapid growth of 3D-printing and wide research interests has led to advances in the development of novel printable biomaterials and compositions. This Special Issue will focus on the most recent advances in the development of biomaterials and cell-laden bio-inks for 3D-printing for application in the repair/regeneration of different tissues. We kindly invite you to submit a manuscript(s) for this Special Issue. Research papers, communications, and review articles are all welcome.













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## **Editor-in-Chief**

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# **Message from the Editor-in-Chief**

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