Special Issue

Advances in 3D-Printed Biomaterials

Message from the Guest Editors

Notably, 3D-printing has enormous potential as a method for fabricating scaffolds for tissue engineering, biomedical devices, diagnostic and drug delivery platforms. One of the limitations for the application of 3D-printing in these fields is the number of printable biomaterials that are currently available. 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. For more information, please click the following link:
https://www.mdpi.com/journal/materials/special_issues/3D_printed_biomaterials

Guest Editors

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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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