



3D Printing for Biomedical Applications

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Message from the Guest Editor

Recently, 3D printer technology has gained enormous attention as a preferred application in many sectors, especially for use in biomedical applications. This technology has been applied in several biomedical fields, including patient-specific implants, complex-shaped organ printing, tissue engineering, disease models for better understanding via modeling and imaging, drug development, and the delivery and printing of surgical devices. Bio 3D printing permits cells, biomaterials, and bioactive molecules to be placed in a precise manner to create a complex 3D tissue structure for biological and clinical applications. Although 3D printing technology has gained much attention for biomedical applications, there are still various significant engineering challenges to overcome. Therefore, we would like to welcome any original research articles contributing to the development of bioink, innovative cutting-edge 3D printing technologies, and their diverse application in biomedical fields. We would also like to invite review articles from global experts working in this area, particularly on the latest technological advances on the use 3D printing in biomedical applications.





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Message from the Editor-in-Chief

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