



3D Printing for Biomedical Applications: Latest Advances and Prospects

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Message from the Guest Editors

Dear Colleagues,

Additive manufacturing (AM) technologies are now one of the main trends in the field of new technological solutions. The use of computer-aided design (CAD) methods to generate models with complex geometry takes this technology to the next level of automated production of highly repeatable parts. One of the AM techniques is the three-dimensional printing (3DP) of biomaterials. The ever-increasing demand for personalized implants and tissue scaffolds requires the use of advanced biomaterials and processes to produce three-dimensional (3D) structures that resemble the complexity of the extracellular matrix (ECM).

This Special Issue is a place to exchange scientific experiences in the field of 3D printing for medical applications, taking into account various applications, with a vision of clinical research and an industrial approach. Authors are encouraged to publish original research, review articles, and messages presenting advances in 3D-printing technologies in the field of creating tissue and organ models, or innovative applications in personalized medicine, pharmacy, and biosensors.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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