



3D Bioprinting for Personalized Medicine

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Message from the Guest Editors

Dear Colleagues,

3D bioprinting enables rapid customization of personalized devices, drugs and applications, achieving the ability to restore the tissue functionality.

This special issue aims to collect research articles related to the 3D printing of: biosensors capable to collect data and support the big-data chain; drug delivery devices to test pharmacological therapy; bio-composite materials to enable tissue regeneration and, scalable in-vivo validation methods on biosynthetic models supporting 3Rs by using 3D bioprinting.

The goal is to support bioengineers, biologists and innovation managers in the development of future industry 5.0 and digital libraries related to bionic and biosynthetic design, at the basis of artificial intelligences adoption within hospitals and healthcare systems.





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Message from the Editor-in-Chief

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