



3D Bioprinting for Personalized Medicine

Guest Editors:

Prof. Dr. Ruben Foresti

Prof. Dr. Maddalena Botti

Prof. Dr. Fabio Leonardi

Dr. Pasquale D'Angelo

Dr. Roberto Sala

Deadline for manuscript
submissions:
closed (31 December 2023)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical
Engineering, Texas A&M
University, College Station, TX
77843, USA

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Biomedical*)

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2023).

Contact Us

Bioengineering Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/bioengineering
bioengineering@mdpi.com
[X@Bioeng_MDPI](https://twitter.com/Bioeng_MDPI)