Special Issue

Biomedical Design and Manufacturing

Message from the Guest Editors

This Special Issue of *Bioengineering* aims to collect manuscripts that highlight new findings, concepts, designs, processes, and technologies advancing the state of the art in biomedical design and manufacturing. The topics of interest include but are not limited to the following:

- Biomedical manufacturing processes (both additive and subtractive) of soft constructs, metallic and ceramic implants, polymeric and composite materials, pharmaceutics and biomedicine, and other biomedical applications;
- Biological tissue cutting, removal, ablation, and/or joining processes;
- Design, manufacturing, and/or modeling of advanced medical devices, tools, surgical robotics, and medical simulators;
- Micro- and multi-scale manufacturing for biomedical applications;
- Design, characterization, and modeling of biomedical and biological materials and related manufacturing processes;
- Application of machine learning and artificial intelligence in biomedical manufacturing and medical devices:
- Reviews of the current state of knowledge and technology and of research needs in biomedical manufacturing.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2024)



Bioengineering

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Impact Factor 3.7 CiteScore 5.3 Indexed in PubMed



mdpi.com/si/130719

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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.

Editor-in-Chief

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