

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, pharmaceuticals 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.

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Deadline for manuscript submissions

closed (30 April 2024)



Bioengineering

an Open Access Journal
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Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/130719

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