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Biofabrication and 3D Bioprinting

Guest Editor:

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Message from the Guest Editor

Automation and digitalization are completely revolutionizing manufacturing. Biofabrication perfectly embodies this revolution in the sense that it relies on highly automated tools, such as 3D bioprinting and bioreactors, in order to generate complex biological-based constructs. As these technologies evolve, we are witnessing substantial improvements in terms of speed and resolution, which in turn result in greater process efficiency and repeatability, as well as in lower production costs. Biofabricated constructs are also becoming increasingly detailed, being able to more closely mimic the extreme complexity found in biological processes and structures. Upon translation to the market, these advancements promise to radically change many important industries, namely within the health, food, and textile sectors.

This Special Issue seeks to showcase research papers, short communications, and review articles that focus on novel developments related with biofabrication and its use for various biomedicine- and biotechnology-based applications.

We look forward to receiving your submissions.



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Special Issue



Editor-in-Chief

Message from the Editor-in-Chief

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