



## Additive Manufacturing of Biopolymers and Their Applications

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Deadline for manuscript submissions:

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### Message from the Guest Editors

Biopolymers, such as collagen, alginate, silk fibroin, chitosan, alginate, cellulose, and starch, have various applications in the food industry, biomedical engineering, regenerative medicine, agriculture, packaging, and the pharmaceutical industry, due to their inherent biocompatibility, bioactivity, and biodegradability. Additive manufacturing of biopolymers, in particular, offers new opportunities, enabling the manufacturing of 3D structures and materials with specific patterns and properties. For instance, significant progress has been made in the field of biomedical and tissue engineering. The aim of this Special Issue is to build a community of authors and readers to discuss the latest research in this domain. This Special Issue will cover the wide spectrum of design, modeling, and processing aspects dealing with the 3D printing of biopolymers and their related applications. The technological areas of interest include, but are not limited to, naturally derived and synthetic biopolymers for 3D printing, bioprinting, the 3D printing of hydrogels, tissue engineering, personalized medicine, and organs on chips.





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