

Special Issue

Biocomposite Inks for 3D Printing

Message from the Guest Editor

The current Special Issue emphasizes the biotechnological engineering of novel biocomposite inks for various 3D printing technologies, also considering important aspects in the production and use of bioinks. Topics include, but are not limited to:

- Synthesis, production and applications of novel inks and bioinks
- Hydrogels, photopolymerizable inks, solid inks
- Surface modification and cross-linking approaches
- Cytotoxicity, genotoxicity, immunogenic properties of inks
- 3D printing technology such as fused deposition modeling, direct ink writing, digital light processing, inkjet and laser assisted bioprinting
- Applications in tissue engineering, wound dressings, cell models, artificial skin, cancer models, prosthetic devices, orthoses
- Characterisation, including structural, physical, chemical, biological and mechanical properties

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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Editor-in-Chief

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