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## Advances in Bioprinting Techniques and Materials

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Deadline for manuscript  
submissions:

**closed (30 April 2021)**

### Message from the Guest Editor

Bioprinting is an additive manufacturing process for the biofabrication of tissue-like, biological structures. Hydrogels loaded with living cells are printed using different dispensing mechanisms to reproduce the geometry and morphology of a 3D-dimensional virtual model.

In this special edition we encourage publication of original work related to recent progress in standardization, digitalization or automation of bioprinting hard- and software, the applied materials (bioinks).

We specifically welcome original research on:

Fluid- and thermodynamic modelling of bioprinting processes, Gelation kinetics of bioinks...

Furthermore, we encourage research on the development and process integration of:

New sensor and actuator systems, such as pressure, vibration, temperature or optical sensors, in 3D-bioprinting systems...

Finally, biomedical applications that proof the automation, digitization or upscaling potential of bioprinting technology are highly appreciated.



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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