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Advances in 3D Printing for Biomaterials

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Message from the Guest Editors

We are pleased to present this new Special Issue of *Materials*, “Advances in 3D Printing for Biomaterials”.

The exciting world of 3D printing is transforming biomedical research and healthcare. This Special Issue delves into the latest breakthroughs in 3D-printed biomaterials, from tissue engineering to drug delivery systems. Its application in portable analysis systems, Lab-on-Chip (LoC), and Organ-on-Chip (OoC) are also included. We invite researchers and practitioners to share their knowledge and discoveries to help foster collaboration and propel this field forward.

We invite original research articles and reviews covering, but not limited to, the following topics:

- Novel biomaterials for 3D printing.
- Advanced fabrication techniques and technologies.
- Bioprinting for tissue engineering and regenerative medicine.
- Drug delivery system fabrication using 3D printing.
- Three-dimensional printing platforms for biomedicine.
- Clinical applications and translational research.
- Printable biomaterials for 3D tissue culture models.

Share your groundbreaking work and gain recognition as a leader in this transformative field [...]



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Special Issue



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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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