



Advanced Materials in Additive Manufacturing for Medical Applications

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Deadline for manuscript
submissions:
closed (31 May 2021)

Message from the Guest Editors

Additive manufacturing (AM) has found one of its most innovative and versatile applications in the field of healthcare. AM technologies are currently not only used to manufacture prototypes for training, simulation, and presurgical planning of complex surgical procedures, but also to produce customized prosthetics and medical tools. However, these applications are only the first step, and materials and manufacturing processes for 3D printing for medical applications are in a continuous, complex state of evolution due to the material–process–property–functionality relationship.

This Special Issue seeks to present original articles, review articles, and state-of-the-art research papers that focus on:

- Research, development, and standardization of materials suitable for medical additive manufacturing;
- Frontier technological and progress research of medical additive manufacturing;
- Research on clinical translation and application of medical additive manufacturing.

We kindly invite you to submit a manuscript(s) for this Special Issue. Full papers, communications, and reviews are all welcome.





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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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