

Special Issue

Additive Manufacturing in Biomedical Applications

Message from the Guest Editor

Many research groups worldwide try every day to overcome the obstacles that arise in implementing new technologies in medicine and biotechnology. The 3D printing process requires a multidisciplinary approach and a combination of knowledge from the frontiers of medicine, biology, chemistry, mechanics, and physics. As a result, new methods for producing 3D biological structures dedicated to a specific type of patient and application are regularly being developed. Sometimes, minor modifications, such as the method of extrusion, make a big difference in the bioprinting of models with a specific purpose and properties. Advanced applications of 3D printing require knowledge of the current state of the global market on both scientific and industrial grounds. Due to the multitude of new additive technologies and materials used/applied, it is necessary to pay attention to research in this area to improve the design process and production of 3D models of structures used in biomedical applications using additive methods.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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