Special Issue

Usefulness and Clinical Applications of 3D Printing in Cardiovascular Diseases

Message from the Guest Editor

This Special Issue aims to focus on the recent advance of 3D printing and its value or applications in cardiovascular diseases. 3D printing has evolved rapidly over the last decade, showing great potential in many medical domains, in particular, in the field of cardiovascular disease. Patient-specific or personalized 3D printed models are shown to enhance our understanding of complex cardiac anatomy and pathology, assist pre-surgical planning and the simulation of complicated procedures for the treatment of cardiovascular diseases, improve the education of medical students or healthcare professionals, and improve communication between physicians and patients. This Issue will highlight the current advances in 3D printing, with a special emphasis given to patient-specific 3D printed models in the diagnosis and management of different cardiovascular diseases. Technological developments, including 3D printing materials and bioprinting or tissue engineering, are also included in the potential topics of this Special Issue. I look forward to receiving your contributions.

Guest Editor

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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