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## Printing of Polymer-Based Systems for Medical and Healthcare Applications

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Deadline for manuscript submissions:

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### Message from the Guest Editors

Three-dimensional printing of bionic scaffolds, cells, bioactive compounds and printing of polymer-based systems have flourished over the past ten years. Three-dimensional printing techniques have developed fast, including micro-extrusion bioprinting, inkjet bioprinting, laser-assisted bioprinting, and scaffold-free spheroid-based bioprinting, which offer great promise in the field of regenerative medicine and drug delivery. Meanwhile, new functional bio-inks and materials have also been developed. Furthermore, the 3D bioprinting of stem cells, such as human-induced pluripotent stem cells, is driving a paradigm shift in tissue regeneration and the modeling of human disease, representing an unlimited cell source for tissue regeneration and the study of human disease. Thus, an in-depth understanding of 3D printing processes and physical, biological, and/or digital cues is highly relevant to the performance and development of 3D bio-printed products and the printing of polymer-based systems for medical and healthcare applications. Both original contributions and comprehensive reviews are welcome



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## Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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