



Polymer Materials for Bioprinting and Tissue Engineering

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Message from the Guest Editors

This Special Issue is concerned with the structure, properties, and applications of polymer materials, including bioresorbable and bioinert polymers and bioactive materials for use in tissue engineering applications. Topics may include structural features, microstructures, the relationship between structures and properties and biomedical characteristics, tailored-architected scaffolds, biomimetic structures, mechanical properties, bioprinting, and bioactivity. Articles in this Special Issue may also address bioactive materials such as hydrogels, biocomposites, smart polymers, shape memory polymers, bioimplants, tissue/cell engineering devices, tissue reconstruction, polymers for bioprinting, and cell-biomaterial interactions. Contributions should focus on fundamental results, mechanisms, and applications that will help to compile the current state of the art and to highlight their range of applications. Both original contributions and reviews are welcome.





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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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