



Development and Application of Polymer Scaffolds

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Message from the Guest Editors

Polymers and their composites have become the most widely used biomaterials in the field of tissue engineering and regenerative medicine, due to their advantages of good biocompatibility, adjustable physical, chemical, and biological properties, good processed performance, etc. Their application area includes tissue engineering scaffolds, wound dressings, vascular stents, nerve guidance conduits, drug release carriers, etc.; Their material form includes scaffold, hydrogel, fiber, microsphere, etc.; Their preparation technology includes traditional preparation process and additive manufacturing technology or their combination.

The aim of this Special Issue is to highlight the research progress on polymers and their composites, especially in tissue engineering and regenerative medicine, including but not limited to the following aspects: material and structure design, functionalization, preparation, characterization, performance evaluation, and biomedical application.





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Message from the Editor-in-Chief

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