

## Special Issue

# Development and Application of Polymer Scaffolds

### 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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### Guest Editors

Dr. Wang Guo

Prof. Dr. Hui You

Dr. Pei Feng

Prof. Dr. Yu Long

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### Deadline for manuscript submissions

closed (15 February 2024)



## Polymers

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### Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

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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### Editor-in-Chief

Prof. Dr. Alexander Böker

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