

Special Issue

Polymer Scaffold for Tissue Engineering Applications

Message from the Guest Editors

Polymeric scaffolds have received intense interest in recent years. Much effort has been exerted in not only the fabrication of advanced scaffolds but also in studying fundamental issues such as cell-scaffold interaction, long-term biocompatibility and degradability evaluation, and the integration of biofunctions with other medical technologies. This Special Issue aims to collect and share cutting-edge research papers and reviews on the topic of “Polymer Scaffolds for Tissue Engineering Applications”, including:

- Biomimetic polymeric scaffolds for specific functions;
- Conductive polymeric scaffolds and biosensors;
- Fabrication and modification of polymeric scaffolds for directing cell behaviors;
- Smart and environmental responsive polymeric scaffolds;
- Polymeric scaffolds for controlled delivery of bioactive molecules
- Novel technologies, mechanisms, and applications of polymeric scaffolds in tissue engineering

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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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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