

Special Issue

Biomaterials for Tissue Engineering and Regeneration

Message from the Guest Editors

Biomaterials serve as an integral component of tissue engineering and their development is crucial for the further progress of new and efficient approaches in the regenerative medicine of bone, cartilage, tendons and ligaments, skin, soft tissue wounds, cardiac muscle, vascular tissues, and neural tissues. Polymer-based biomaterials are extensively studied in the field of tissue engineering due to their biocompatible and biodegradable properties. This Special Issue, entitled *Biomaterials for Tissue Engineering and Regeneration*, is devoted to recent advances in the development of synthetic and/or natural biomaterial scaffolds, hydrogels, polypeptides, polymer-based composites, and composites based on polymers and inorganic materials such as bioactive ceramics and glasses. New technologies (e.g., bioprinting, additive manufacturing) for forming biomaterials for tissue engineering of three-dimensional (3D) constructs are of great interest.

Guest Editors

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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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