



Biomaterials for Tissue Engineering and Regeneration

Guest Editors:

Dr. Antonia Ressler

Faculty of Engineering and
Natural Sciences, Tampere
University, P. O. Box 589, 33014
Tampere, Finland

Dr. Inga Urlic

Faculty of Science, University of
Zagreb, Horvatovac 102a, 10 000
Zagreb, Croatia

Deadline for manuscript
submissions:

closed (30 December 2022)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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 5.0.

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI