Special Issue

Polymers for Tissue Engineering and Biofabrication

Message from the Guest Editors

Although tissue transplantation is readily available in many countries, the supply of tissue suitable for transplantation worldwide has never matched demand. Precision and personalized medicine is necessary for the treatment of highly prevalent tissue injuries, helping overcome the limitations of traditional medicine, generating biomimetic products that can help heal otherwise difficult-to-treat injuries. The feasibility of generating organized 3D tissue constructs combining cells and biomaterials has been demonstrated using a variety of biofabricated technologies. Biomaterials that can replicate the mechanical and biological properties of the target tissue are an essential component for the viable development of biofabricated technologies. The aim of this Special Issue is to highlight the emerging research that is leading the way for the further development of useful materials for tissue engineering, tissue repair and regeneration. Additionally, special attention will be given to scaffold designs, fabrication methods such as 3D printing, and material–cell interactions, which are of great relevance to the structure and functionality of engineered tissue.

Guest Editors

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Deadline for manuscript submissions

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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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