

Special Issue

Polymer Materials for Drug Delivery and Tissue Engineering II

Message from the Guest Editors

The use of polymer-based biomaterials has played a pivotal role in the tremendous advances reported in the biomedical field. On the one hand, polymer-based materials are widely used in tissue engineering for the design and fabrication of biomimetic scaffolds that resemble the complex architecture of the defective tissues. On the other hand, polymers have been used for drug and gene delivery system fabrication. Moreover, functional polymer-based biomaterials with dual functions, scaffolds, and delivery vehicles for therapeutic agents and biological cues are currently an attractive modern approach in regenerative medicine. Independent of the targeted application, smart polymers currently represent a popular choice in the biomedical field, as these stimuli-responsive materials can adapt to the biological environment, thus providing a real opportunity for designing personalized biomedical products.

This Special Issue titled “Polymer Materials for Drug Delivery and Tissue Engineering II” will focus on the recent development of polymeric materials intended for tissue engineering or drug-delivery applications.

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 5.8.

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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