

Special Issue

Functional Polymers for Medical Applications

Message from the Guest Editors

Functional polymers as biomaterials, obtained by polymerization of functional monomers and by functionalization of synthetic and natural polymers, continue to be a research hotspot. The biomedical polymers exhibit a far-going variability of physical and chemical characteristics, allowing for the adjustment of biocompatibility, bioactivities, stimuli-responsiveness, and biodegradability. The current advancement of medical technology results in new requirements for multifunctional and adaptive polymeric materials, which have to be addressed by appropriate synthesis schemes.

The Special Issue will center on both the preparation and application of various biomedical polymers, and intends to cover the most exciting recent developments in the field. Both original articles and reviews are welcome.

Guest Editors

Prof. Dr. Xuesi Chen

Prof. Dr. Jianxun Ding

Prof. Dr. Carsten Werner

Deadline for manuscript submissions

closed (29 February 2016)



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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 4.9.

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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