

Special Issue

Photocrosslinkable Polymers for Biomedical Applications

Message from the Guest Editors

Polymers have demonstrated a great deal of promise in the field of regenerative medicine, as evidenced by previous research. Being widely used as tissue-engineered scaffolds, drug delivery vehicles, wound dressings, intra-ocular lenses, etc., the applications of polymers are varied. Of particular scientific interest are polymers that are triggered to crosslink using an external energy source. This Special Issue will emphasize photocrosslinkable polymers used in biomedical applications. Topics of interest include the synthesis and material characterization of novel visible light crosslinkable biopolymers; their applications in fields such as tissue engineering, drug screening, drug delivery, biosensing, etc.; and their fabrication using techniques such as 3D printing, electrospinning, stereolithography, laser direct writing, and inkjet printing. Please note that research is not limited to the above-mentioned topics but can be extended to cover all areas involving the applicability of photocrosslinkable polymers in biomedical engineering. We would greatly appreciate it if you would consider being one of our authors.

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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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