

Special Issue

Polymer Applications in Regenerative Medicine

Message from the Guest Editor

Applications and detections of polymers play important roles in the development of clinical medicine, bioengineering, bio-fabrication, tissue engineering and regenerative medicine, which impact the novel biomaterials synthesis, cell gene expression, signal pathways transition, etc. The major objective of this Special Issue is to recruit polymer-related research used in tissue engineering and regenerative medicine, including nanofibers, hydrogels, scaffolds, etc., produced by various methods such as 3D bioprinting, electrospinning, freeze drying, coating, etc.. Furthermore, recent progress of these biomaterials in skin tissue engineering, vessel tissue engineering, urethra tissue engineering, organoid, and wound healing applications will be considered. Novel detection techniques for natural and synthetic polymers from basic research and clinical application are needed.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2021)



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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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