

Special Issue

Polymers for Bone Tissue Engineering

Message from the Guest Editor

This Special Issue is dedicated to the different roles that polymers may play in bone regeneration. We would like to cover topics ranging from biodegradable natural-based polysaccharides (collagen, silk, alginate, chitosan, hyaluronic acid, etc.) and synthetic polyesters such as poly(lactic acid), PLA, poly(glycolic acid), PGA, poly(lactic-co-glycolide), PLGA, Poly(e-caprolactone), PCL, Polyhydroxyalkanoates, and PHA, to new chemical modifications including inorganic hybridation for improving biological interaction, and new roles and applications developed in the last few years that go from membranes for guided regeneration, antimicrobial membranes, drug and gen delivery particles or devices, thermoplastics for 3D printing, bioprinting, and any other aspect that involves macromolecules in the field of bone regeneration

Guest Editor

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Deadline for manuscript submissions

closed (29 February 2020)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



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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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