Special Issue

Biopolymer-Based Biomimetic Scaffolds II

Message from the Guest Editors

As is widely known, tissue engineering offers a unique alternative to current clinical treatments. Among the materials used in tissue engineering, naturally occurring biopolymers are often chosen as they show high biocompatibility, a favorable pro-remodeling host immune response, and an instructive microenvironment for tissue remodeling. Their ability to mimic the chemical properties of the native extracellular matrix represents a great advantage that enables the fabrication of biomimetic scaffolds for the evaluation of cellular responses to material cues, providing tools for the in vitro modeling of diseases and the treatment of patients using precision medicine.

This Special Issue will present recent research (original research papers, review articles) that focuses on the development and characterization of innovative biomimetic scaffolds made of naturally occurring polymers which are used to recapitulate tissue formation and repair mechanisms within a 3D functional microenvironment.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2025)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/196638

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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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