

Special Issue

Advances in Biopolymers for Biotechnological and Biomedical Applications

Message from the Guest Editors

Biopolymers are a wide variety of natural and synthetically modified polymers, including associated macromolecular systems. With the recent growing demand in the world, the question of developing a substance for use in biomedicine and biotechnologies for a new generation with increased efficiency is constantly being raised. Undoubtedly, the safest and most environmentally friendly approach is using various multifunctional biopolymer materials. Such macromolecules already have biologically active properties or contain reducing and stabilizing fragments that can be used to obtain novel functionalized materials. At the same time, modern biomedicine and biotechnological advances face such tasks as the design of biocompatible, non-toxic, and quickly biodegradable substances; the use of biopolymers as objects is more than justified. Various biopolymers are employed as gelling and binding agents, components for tissue engineering, carriers for target therapy, and can form stable composite materials. This Special Issue aims to highlight some of the cutting-edge research from various areas and to publish information about the latest advances in the scientific community.

Guest Editors

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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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