

Special Issue

Sustainability Functional Biopolymers for Future Precision Medicine: Processing and Translational Issues

Message from the Guest Editors

Precision medicine is a future essential advanced shifting era in clinical practice to construct suitable treatments that are based on an individual or subsets of patients. Functional biopolymer development faces a challenge due to the limitations of a “one-size-fits-all” approach to medicine intentions. Recently, a new concept of bioconvergence approaches has been introduced in regenerative medicine involving expertise from various fields, primarily synergistic life sciences, technology, and computerized systems. For this strategy to succeed, sustainable functional biopolymers must play a major role in future precision/personalized medicine. Certain issues should be addressed, especially in terms of the selection of compatible natural polymers, extraction, characterization, cell interaction, efficiency in preclinical models, mass production, and translational issues, mainly in clinical trial stages. This Special Issue will serve as a platform to gather new biopolymers, technologies, and perspectives from experts globally regarding the sustainability of authentic functional biopolymers.

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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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