

Special Issue

Natural Polymer Materials for Biomedical Application

Message from the Guest Editor

This is a Special Issue on natural polymers applied in the biomedical field, seeking high-quality original research articles or reviews on cutting-edge developments in this interdisciplinary area. Over the past few years, natural biopolymer science and biotechnology have been widely studied, resulting in scientific breakthroughs in biomedical applications. The goal has been to develop treatments for different diseases or accelerate tissue repair, promoting human well-being. This issue brings together physical, digital, biological science, animal and human applications, which may bring about changes in the methods for designing and producing biomedical devices and biomaterials. With a focus on biomedical applications, the potential topics include but are not limited to the following: (i) natural polymeric biomaterials (analysis, physics, theory, and simulation); (ii) the conception and design of biopolymer-based devices; (iii) the additive manufacturing, processing, and performance of polymeric biomaterials; (iv) the design of biomimetic biopolymer-based devices; (v) functional and bio-based natural polymeric materials and their biodegradability.

Guest Editor

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Deadline for manuscript submissions

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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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