



Polymer-Based Biomaterials for Biomedical Applications

Guest Editor:

Dr. Tingting Xu

College of Light Industry and
Food Engineering, Nanjing
Forestry University, Nanjing
210037, China

Deadline for manuscript
submissions:

closed (30 June 2024)

Message from the Guest Editor

Dear Colleagues,

Polymer-based materials have been widely used in all aspects of production and life because of their excellent physical and chemical properties as well as processing properties. With the development of life science and the progress of the medical industry, the improvement and regulation of polymer-based biomaterials in biomedical aspects such as mechanical stability, chemical stability, histocompatibility, aging resistance and biodegradation have attracted the attention of researchers.

This Special Issue of *Polymers* aims to report full research papers, communications and review articles based on the latest advances in the synthesis, characterization and applications of polymer-based biomaterials in the biomedical field.

Dr. Tingting Xu
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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 5.0.

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI