



an Open Access Journal by MDPI

Advances in Synthesis and Application of Biomedical Polymer Materials

Guest Editors:

Dr. Weikang Hu

School of Materials Science and Engineering, Hubei University, Wuhan 430062, China

Dr. Qinghua Xu

School of Materials Science and Engineering, Hubei University, Wuhan 430062, China

Deadline for manuscript submissions: 15 January 2025



mdpi.com/si/158277

Message from the Guest Editors

Dear Colleagues,

Biomedical polymers are naturally derived polymers and synthetic polymers, which play a vital role in tissue engineering and regenerative medicine. Those polymers can be manufactured in medical devices or applied in drug delivery systems. In recent years, due to their unique physiological activities and capabilities, bioactive polymers have garnered a lot of attention from researchers recently. Thus, biomedical polymers have a wide space for exploration in biomedical applications.

We are pleased to invite you to a very valuable contribution. This Special Issue aims to have a collection of at least 10 articles on the topic of Advances in the Synthesis and Application of Biomedical Polymer Materials in the open-access journal *Polymers* (ISSN 2073-4360).

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: biomedical polymers in precision medicine, tissue engineering, regenerative medicine, and clinical translation.

Specialsue

We are looking forward to receiving your contributions.

Kind regards,

Assoc. Prof. Dr. Weikang Hu

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 highquality 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