



Advances in Biopolymers and Composites for Biomedical Applications

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Message from the Guest Editors

Biopolymers and bio-composites, including nanocomposites, are the leading materials suitable for various biomedical applications. Such materials can be used in multiple applications, including therapeutics, tissue engineering, and device manufacturing. However, it is important to design material and manufacturing processes considering the circularity and the industrial symbiosis to minimize plastic leakage into the environment. Biocompatibility, mechanical and flow properties, functionalization potential, toxicity, pharmacological profile, and the regenerative potentials of polymer materials are the essential requirements for biomedical applications.

The special issue titled “Advances in Biopolymers and Composites for Biomedical Applications” will focus on the latest advances in the material, processing methods, material characterization techniques, and the sustainability of the biopolymers and their composites intended for the biomedical applications. While covering a broad range of fundamental, experimental, and industrial topics, we warmly invite academics and scientists to contribute with original research papers, short communications, and review articles.





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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 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.

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