

Special Issue

Biopolymer-Based Materials: Preparation, Properties and Applications

Message from the Guest Editor

This Special Issue aims to showcase recent advances in the development of biopolymer-based materials, emphasizing their preparation methods, physicochemical and mechanical properties, and diverse applications. In the context of growing interest in sustainable and biodegradable alternatives to conventional polymers, biopolymers derived from natural sources offer promising solutions for fields such as packaging, biomedical engineering, agriculture, and environmental remediation. We welcome original research articles and reviews that explore innovative processing techniques, structural characterization, functional modifications, and real-world applications of biopolymer-based systems.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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