

Special Issue

Bast Fiber Crops: Novel Extractions and Applications of Fiber, Cellulose and Polysaccharide

Message from the Guest Editors

Functional materials derived from natural bast fibers with potential applications in packaging materials, medical and food materials, composite materials and cellulose-based chemical materials are produced through methods such as fermentation, modification and biological transformation, which can effectively improve the efficiency and high value utilization of agricultural bio-based resources. Therefore, it is necessary to find newer and greener methods for obtaining cellulose and related compounds; additionally, more cellulose-based functional materials could provide more inspiration and promotion in various fields. In this Special Issue, we will accept papers regarding the application of novel techniques for the extraction and modification of plant bast fibers, as well as industrial applications. Moreover, papers on the functional polysaccharides of natural-fiber-product-derived ingredients, such as bioactive functions and applications in medicines, foods, cosmetics, etc., are welcome.

Guest Editors

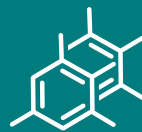
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Message from the Editor-in-Chief

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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