

## 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.

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### Guest Editors

Dr. Liangliang Liu  
Dr. Lifeng Cheng  
Dr. Shengwen Duan

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### Deadline for manuscript submissions

closed (30 November 2024)



## Molecules

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*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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