Special Issue

New Trends in Cellulose and Chitin Chemistry

Message from the Guest Editor

Cellulose and chitin, the two most major and abundant natural polysaccharides on earth, have been utilized to date by exploring various means of modifications, *i.e.*, the introductions of different types of functional groups on their structural backbones to yield various types of derivatives having controlled physical/chemical properties. The concept of such modifications of these polysaccharides has been recently extended to surface modifications of their crystalline particles or fibers, as well as to explorations of novel reagents for derivatization. The Special Issue summarizes the recent trends of these chemical modifications of cellulose and chitin, including their potential to construct novel functional materials.

Guest Editor

Dr. Jun Araki

Faculty of Textile Science and Technology, Shinshu University, Tokida 3-15-1, Ueda City, Nagano 386-8567, Japan

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules





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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.

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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