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## Lignocellulose Fractionation, Depolymerisation, and Upgrading— from Lignin to Valuable Products

Guest Editors:

**Dr. Ola Sundman**

Department of Chemistry, Umeå  
University, Umeå, Sweden

**Prof. Dr. Carlos Orestes Martin  
Medina**

1. Department of Biotechnology,  
Inland Norway University of  
Applied Sciences, N-2317 Hamar,  
Norway  
2. Department of Chemistry,  
Umeå University, 90 187 Umeå,  
Sweden

### Message from the Guest Editors

Lignin is one of the most commonly available types of biopolymers worldwide. However, both chemical structure and properties (e.g., molecular weight) vary widely between species. This, of course, determines the field of use for different lignins. In this Special Issue of *Molecules*, we will focus on the depolymerization of lignin, different valorisation alternatives, as well as advanced analytical techniques and approaches used for lignin characterization. Additionally, the separation of lignin in a non-destructive way using state-of-the-art pulping technologies is of interest.

Deadline for manuscript  
submissions:

**closed (30 November 2023)**



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# Special Issue



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### Prof. Dr. Thomas J. Schmidt

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

## 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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*Molecules* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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