



Lignocellulosic Materials

Guest Editors:

Prof. Dr. Rui L. Reis

Dr. Emanuel M. Fernandes

Deadline for manuscript
submissions:

closed (20 November 2021)

Message from the Guest Editors

Dear Colleagues,

Lignocellulosic materials are one of the most promising feedstocks, and have attracted the interest of numerous researchers due to their availability and renewable nature. In fact, cellulose, hemicellulose, lignin, suberin, and the low-molecular-weight components they contain can also be applied in a wide range of value-added products for different application sectors.

The Special Issue of *Molecules* on Lignocellulosic Materials is focused on the most recent advances and research works that have been conducted in the past few years to examine the viability and feasibility of using these lignocellulosic materials. In particular, we welcome research works that cover the concepts and current challenges and strategies on biomass valorization and conversion to high-value polymeric materials, including chemical approaches or chemical modification to enhance material properties such as compatibility or as micro-nano reinforcements.

We encourage you to contribute to this scientific program by submitting your papers for this Special Issue in *Molecules* entitled “Lignocellulosic Materials”.

Prof. Dr. Rui L. Reis

Dr. Emanuel M. Fernandes

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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