

Special Issue

Advances in Biomass Pretreatment and Conversion Processes

Message from the Guest Editors

This Special Issue of Processes entitled "Advances in Biomass Pretreatment and Conversion Processes" aims to present new methods of pretreatment, especially in chemical, physical, physico-chemical and biological methods, the use of which will intensify the use of lignocellulosic biomass as a carbon source in microbiological synthesis processes. The Special Issue welcomes papers on:

- The use of new methods of lignocellulose pretreatment, classified under chemical, physical, physicochemical and biological methods,
- The strategies used to limit the formation of pretreatment by-products, which are inhibitors of biological processes,
- Methods of biomass pretreatment in the preparation of hydrolysates used in biosynthetic processes,
- Characteristics of bioconversion processes of biomass hydrolysates obtained from new sources of lignocellulose,
- Detoxification of lignocellulosic hydrolysates,
- Characteristics of processes using lignocellulose as a carbon source in microbiological syntheses.

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