## **Special Issue**

## Conversion and Valorization of Lignocellulosic Biomass

## Message from the Guest Editor

Lignocellulosic biomass is the most abundant renewable raw material on Earth. The valorization of lignocellulose, vegetal biomass and agro-industrial processing waste in order to produce high value-added products enhances energy production and promotes a lignocellulosic biorefinery approach. Many catalytic processes are employed to produce chemicals, bioactive molecules, biomaterials and biofuels from this biomass, as well as to develop economically feasible bioprocesses. Effective processes, advanced technologies and methods should be implemented as part of a green biorefinery and One Health approach, promoting a circular economy model for bioeconomy purposes. The sustainability, environmental impact and cost-effectiveness of technologies are important indicators in this context. This Special Issue will collect original research articles, review, mini-review articles and short communications that highlight recent advances in green technologies for the conversion and valorization of lignocellulosic biomass (vegetal and agro-industrial waste) to value-added products.

## **Guest Editor**

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## Deadline for manuscript submissions

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## Message from the Editor-in-Chief

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