



Current State-of-the-Art of Biocatalysts

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Message from the Guest Editors

Dear Colleagues,

On the quest to a more sustainable society, it is important to replace energy-intensive and environmentally harmful reactions from the thermochemical industry with alternative processes.

Biocatalysis is essential to life and could play an important role in the further improvement of our lives by addressing some of the new challenges that human society is facing. Compared to conventional methods, biocatalysis has advantages such as high stereo-, regio-, and chemoselectivity, efficient catalysis, complex and straightforward transformations, a low rate of byproduct formation, inexpensive refining and purification (uncomplicated), and mild reaction conditions. All of these peculiarities emphasize the potential of biocatalysis as an important tool to accomplish environmentally friendly and sustainable synthesis, reducing the time, cost, waste, and energy consumption of the overall process.

To promote the deployment of biocatalysts in industrial-level applications, we invite submissions of innovative research addressing the "Current State-of-the-Art of Biocatalysts".

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