

Special Issue

Enzymatic and Chemoenzymatic Cascade Reactions

Message from the Guest Editors

In this Special Issue, *Enzymatic and Chemoenzymatic Cascade Reactions*, we aim to present and discuss diverse strategies for integrating multiple enzymatic and chemo-enzymatic reactions, either in one-pot or sequential processes. We highlight case studies in pharmaceutical, fine chemical, and natural product synthesis, showcasing the versatility and industrial relevance of cascade reactions. Emphasis is placed on enzyme and reaction compatibility, synergistic interactions between enzymatic and chemical catalysts, and the optimization of reaction conditions—all aimed at maximizing yields and improving overall reaction economy. The integration of enzyme engineering further expands the scope of cascade reactions, offering a path toward more sustainable and economically viable manufacturing.

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