



Organic Synthesis Using Biocatalyst

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Message from the Guest Editor

Dear Colleagues,

Organic synthesis using biocatalysts, especially chiral synthesis, is increasingly getting important for variety of purposes such as drug synthesis and total synthesis due to the high chemo-, regio-, and enantio-selectivities of enzyme. More than half of drug candidate molecules have more than one chiral centers and about 10% of the total drug synthesis depends on the biocatalyst. Importantly, these successes are owing to achievements of basic researches. Therefore, this special issue will present novel, unique and innovative application research as well as basic research concerning organic synthesis using biocatalysts. I also hope that this issue will contribute for green chemistry since the enzyme is a natural and reproducible catalyst with high efficiency.

Dr. Tomoko Matsuda
Guest Editor





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Message from the Editor-in-Chief

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