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Biocatalysis-Biotransformations in Organic Synthesis

Guest Editor:

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Message from the Guest Editor

Biocatalysis has long been known as a green technology, capable of delivering highly stereo-, chemo-, and regioselective transformations that can sometimes allow the number of steps in a synthetic route to be reduced. The contributions of biocatalysis and biotransformations in organic synthesis are of increasing importance and reflect the emerging challenge for the academic community and the chemical industry as they move towards green and sustainable chemistry. The modern demands for environmentally friendly processes during the production of useful compounds are satisfied by the application of biocatalytic transformations on the most important reaction steps of the synthetic protocol. Biotransformations offer a great opportunity for their applications in cascade one-pot processes.



