Special Issue

Organocatalytic Asymmetric Synthesis or Transformation of Heterocycles

Message from the Guest Editors

Since its revival in the late 1990's, organocatalysis has received tremendous attention from the organic chemistry community, elevating this strategy, along with metal and enzyme catalysis, as one of the three pillars of catalysis. During the last 20 years, several modes of activation have been developed, encompassing covalent and non-covalent approaches, affording a unique opportunity to have access to a large array of chiral molecules with a high level of stereo-induction. In that context, the organocatalyzed construction of heterocycles has become a method of choice of these ubiquitous core architectures in drugs or naturally-occurring products.

This Special Issue intends to highlight some of the recent work in the enantioselective synthesis or transformation of heterocycles involving organocatalytic approaches. Submissions are welcome in the form of original research papers or short reviews that reflect the state of the art of this research area.

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