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Heterocyclic Chemistry and Catalysis

Guest Editor:

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Message from the Guest Editor

Heterocycles can be found in all kinds of organic compounds of interest in biology, agro chemistry pharmacology, medicine, and materials science. In the last few decade, the use of catalytic processes mainly by transition-metal complexes has considerably impacted modern organic synthesis methodologies, but many improvements are still possible in terms of selectivity or even enantioselectivity via the development of new ligands or the study of the catalytic effect of other metals to carry out the same or new chemical transformations. In addition, the attention paid to environmentally friendly methods in terms of the quantities of catalysts, ligands, and solvents is currently indispensable.

This Special Issue on Heterocyclic Chemistry and Catalysis will focus on new advances in catalytic processes applied to heterocyclic compounds.