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Modern Tools and Techniques for Green Synthesis

Guest Editor:

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Deadline for manuscript submissions:
closed (31 October 2021)

Message from the Guest Editor

Since the publication of the twelve principles of green chemistry, when the basis for the development of green methodologies in organic chemistry was set, organic chemists have been developing new strategies, tools, reaction media, and techniques to achieve the green chemistry objectives.

New strategies such as multicomponent reactions, cascade or domino catalyzed reactions, jointly with new techniques such as microwave, ultrasound, mechanochemistry, or flow reactions, using green solvents, water, ionic liquids, or eutectic solvents could lead to the ideal process.

This Special Issue intends to highlight the improvements that were achieved by the conjugation of new techniques with new strategies and reaction media. While the isolated topics have often been approached in the scientific literature, the potentiality of their combination may originate remarkable improvements in sustainability, which this Special Issue intends to illustrate.

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Message from the Editor-in-Chief

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