# Special Issue

# Towards the Transition Metal Catalysis in Organic Synthesis, 2nd Edition

## Message from the Guest Editor

Transition metal catalyzed reactions have become powerful tools in organic synthesis because allow the formation of carbon-carbon and carbon-heteroatom bonds in mild and sustainable conditions. The synthetic methodologies that are part of the homogeneous catalysis have a considerable interest also from the applicative point of view, as they facilitate access to organic compounds useful in medicinal chemistry and for the production of new materials with high chemo-, regio-, and stereoselectivity. The broad scope of this Special Issue would include works focused on the development of new synthetic methodologies based on the use of transition metal catalysts and on the preparation of transition metal complexes more performing in the catalysis of organic reactions. In addition, synthetic protocols of industrial interest as well as theoretical studies aimed at shedding light on the mechanism of action of the catalysts are welcome.

## Guest Editor

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## Deadline for manuscript submissions

closed (15 October 2023)

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## Editor-in-Chief

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