# **Special Issue**

# Synthesis and Structure of Heterocyclic and Organometallic Compounds

### Message from the Guest Editor

As a result of the extremely wide range of structural diversity associated with versatile synthetic accessibility and reactivity, heterocyclic and organometallic compounds, as well as their hybrid combinations are of pronounced interest in many research areas, extending our basic knowledge in chemistry and providing an extremely wide scope of results that find application in everyday life. Heterocyclic and organometallic chemistry can be regarded as partly overlapping large domains of chemical research, practically comprising not only a plethora of well-established synthetic methods. structure-reactivity correlations, and structural analyses supported by theoretical modelling studies, but an infinite range of intriguing, unrefined, and, consequently, underexplored approaches and methodologies associated with challenging unsolved synthetic and structural problems. This Special Issue aims to collect original contributions or mini-reviews on the topics covering synthesis, application, structural elucidation, and theoretical modelling studies analyzing reactivity, with special attention to the catalytic activity of heterocyclic and organometallic compounds.

### **Guest Editor**

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### Deadline for manuscript submissions

closed (31 May 2020)



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## Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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