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Synthetic Heterocyclic Chemistry

Guest Editor:

Prof. Dr. Fawaz Aldabbagh

Department of Pharmacy, School of Life Sciences, Pharmacy & Chemistry, Kingston University, Penrhyn Road, Kingston upon Thames KT1 2EE, UK

Deadline for manuscript submissions: closed (30 April 2021)

Message from the Guest Editor

Dear Colleagues,

According to "Heterocyclic Chemistry" by J. A. Joule and K. Mills (Wiley, 5th Ed), "heterocyclic chemistry comprises at least half of all organic chemistry research worldwide". A heterocycle is any organic ring-compound containing at least one non-carbon (hetero) atom within the ring. Heterocycles are mainstays of medicinal chemistry, biochemistry, natural products, specialized materials, and biomaterials. Their synthesis, functionalization, and reactivity continue to be at the forefront of organic chemistry research. Heterocycle reactions have included cycloadditions, multicomponent reactions, and ringexpansions. Some reactions are concerted, some proceed via radical intermediates, and some are mediated by metals, light or organocatalysis. This Special Issue is running in parallel with another named, "Heterocycle Reaction" journal, Molbank. in our sister https://www.mdpi.com/journal/molbank/special issues/Heterocy

In the *Molbank* SI, single novel compounds can be published, while in this *Molecules* SI, we are looking for communications, full papers, and reviews on the latest developments in synthesis and reactivity of heterocycles.









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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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Molecules Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/molecules molecules@mdpi.com X@Molecules_MDPI