

Special Issue

Recent Developments and Therapeutic Potential of Quinoline Derivatives

Message from the Guest Editors

The quinoline nucleus is one of the most essential nuclei in medicinal, pharmaceutical, and organic chemistry. Quinoline and its derivatives have many applications, such as anti-cancer, antioxidant, anti-inflammatory, antimalarial, and recently anti-COVID-19 applications as well as many other medicinal applications that are important in medicinal chemistry industries. Additionally, as the trend of preserving the Earth using green and sustainable synthetic methods and decreasing the use of the traditional methods continue to become more pertinent, one of our aims is to determine new sustainable methods for quinoline synthesis.

Our goal in this Special Issue is to collect articles and connect researchers in the field of the synthesis and in the investigation of quinolines. This may prove useful in the medicinal chemistry industry.

We invite all organic, pharmaceutical, and medicinal chemists to share and publish their work in this Special Issue.

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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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