Special Issue

Indoles as Promising Scaffold for Drug Discovery: Synthesis, Bioactivities and Applications

Message from the Guest Editor

Indole scaffolds represent one of the most promising heterocycles found in natural and synthetic sources and have been shown to possess various biological activities, including anti-inflammatory, antitubercular, antimalarial, anti-HIV, anticancer, antifungal, and antimicrobial activity, etc. New advances in synthetic methodologies that enable rapid access to a wide variety of indole derivatives are of critical importance to medicinal chemists as it can readily generate bulk quantities of desired compounds to discover new and effective pharmaceuticals among indole derivatives. This Special Issue of *Molecules* will comprise original research articles and reviews in the field of indole chemistry considering drug design, new synthetic methodologies, process chemistry, and the biological activities of indole derivatives.

Guest Editor

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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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