

Special Issue

Bioactive Small Molecules and Natural Products as Drug Leads or Chemical Probes

Message from the Guest Editors

The successful introduction of the chemical probe concept has transformed the field of chemical biology into a domain of prime importance for medicinal chemists. Using small molecules to elucidate the functionality of emerging gene products and experimentally assessing their druggability and therapeutic potential is currently recognized as one of the major tools for advancing current drug discovery. The current Special Issue aims at collecting original research articles as well as thorough reviews that address the interplay between chemical biology and medicinal chemistry and their implementation toward the discovery of new chemical entities that show promising potential as drug leads or chemical probes for emerging therapeutic targets.

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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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