

Special Issue

Recent Trends on Enzymes Inhibitors and Activators in Drug Research

Message from the Guest Editor

It is known that enzymes are involved in many pathological conditions, such as inflammation, diabetes, microbial infections, HIV, and neoplastic diseases among others. Enzyme inhibition is universally accepted as a strategy to treat the above mentioned conditions or to alternate the mechanism involved. Thus, the aim of the current Special Issue is to collect and present recent advances in the research fields connected to inhibition of different types of enzymes, such as Cyclooxygenase-1/Cyclooxygenase-2 (COX-1/COX-2.), Lipoxygenase (LOX), Protein tyrosine phosphatase 1B (PTP-1B), Peroxisome Proliferator-Activated Receptor Gamma (PPAR- γ), reverse transcriptase, integrase, gyrase, MurB, aldose reductase, carbonic anhydrase, etc.

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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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