

Special Issue

Trends in the Development of Enzyme Inhibitors

Message from the Guest Editor

This Special Issue is entitled “Trends in the Development of Enzyme Inhibitors”. The identification of small molecules able to inhibit the activity of specific target enzymes is probably one of the most studied and important research fields in the history of drug discovery. Nevertheless, due to the growing amount of information regarding the role of enzymes in various therapeutic areas, this field is still one of the most studied. Thanks to all the reported studies about new enzyme targets that may represent innovative therapeutic opportunities, and also thanks to the development and optimization of novel technologies, the identification of enzyme inhibitors has become a common goal for medicinal chemists and chemical biologists. This Special Issue aims to provide a forum for the dissemination of: a) the latest information on novel approaches for the identification and optimization of enzyme inhibitors and b) research studies reporting the design, synthesis, and biological evaluation of potentially-active inhibitors.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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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