

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

Prof. Dr. Tiziano Tuccinardi

Department of Pharmacy, University of Pisa, Via Bonanno 6, 56126 Pisa, Italy

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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