



Enzyme Inhibitors in Drug Discovery and Development

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Message from the Guest Editors

Dear Colleagues,

Enzymes are biomolecules required for the anabolic and catabolic pathways in all living organism. However, it is well known that the alteration of the activity of certain enzymes may be involved in the onset of specific human diseases.

This special issue will include reviews and research articles on the topic "enzyme inhibitors in drug discovery and development" focusing on those enzymes whose activity and expression is considered harmful for human cell function. Reviews included in this special issue will present the state-of-the-art of the *in vitro* and/or *in silico* high-efficiency drug screening methods used to identify chemical or natural compounds capable of effectively interacting with enzymatic targets in order to develop a drug suitable for the clinical practice. The research articles will report both the identification of new enzymatic inhibitors potentially useful as drugs and the characterization of the mechanisms of action of new and already known enzyme inhibitors at *in vitro* or *in vivo* level. Please send me an abstract prior to submission to make sure that your work falls within the scope of this special issue.





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Message from the Editorial Board

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