

Special Issue

Advances in the Pharmacology of Monoamines, Histamines and Their Inhibitors

Message from the Guest Editor

Monoamines and histamines are complex systems participating in the regulation of numerous organs and cells in the central nervous system and periphery. Their level conditions the response of their receptive cells while the targeting of their metabolic pathways remains an important pharmacological endeavor in preclinical and clinical researches. The development of chemical compounds inhibiting the enzymes monoamine oxidases A and B, catechol-O-methyl transferase, and more generally metabolism of monoamines are important strategies in the treatment of neurological diseases such as Alzheimer's and Parkinson's disease and neuropsychiatric disease including mood disorders.

The purpose of this Special Issue is to collect research articles and reviews at different levels of analysis dealing with the metabolism of monoamines and histamine and the development of inhibitors or their numerous enzymes and/or transporters. Chemical, molecular, biochemical, and biological studies are welcome in this Special Issue.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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