

Special Issue

Role of Phosphodiesterase in Biology and Pathology 2.0

Message from the Guest Editors

The Special Issue “The Role of Phosphodiesterases in Biology and Pathology 2.0” will publish outstanding articles on the role of 3',5' cyclic nucleotide phosphodiesterases in health and disease. Review articles, commentaries and experimental papers are welcome. These phosphodiesterases are ubiquitous enzymes that hydrolyze cAMP and cGMP second messengers in a temporal, spatial and integrated manner, according to their expression and localization inside the cell. Because cAMP and cGMP signaling regulate a huge variety of cell functions, phosphodiesterases are involved in many aspects of cell biology. The understanding of cell signaling pathways in which phosphodiesterases are involved is thus of great importance in cell physiology and human pathology.

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2023)



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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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