

Special Issue

New Research Progresses on Multifaceted Cholinergic Signaling

Message from the Guest Editor

The cholinergic signaling system is widespread throughout the body. Thus, it is hardly surprising that malfunctioning or degeneration of the cholinergic systems can be involved in many disorders. In this Special Issue we are calling for new insights and advances about the function of the crucial and multifaceted cholinergic signaling. This Special Issue will consider both original articles, reviews as well as new hypotheses. We particularly encourage submission of papers investigating the intracellular cholinergic signaling and its association with mitochondrial function and the role of cholinergic signaling in resistance, survival, and recolonization of tumor cells. In addition, we look forward to papers describing new robust and reliable methodological approaches in measuring the function of ChAT, the key cholinergic enzyme, or levels of acetylcholine in biological fluids, which are crucial for developing novel research approaches and for monitoring changes in the cholinergic signaling upon therapeutic strategies that directly or indirectly may be able to restore the neuronal and non-neuronal cholinergic function or prevent further deterioration of the cholinergic system.

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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