

Special Issue

Neuroendocrine Factors in Health and Disease

Message from the Guest Editor

The neural and endocrine systems perform the main regulatory functions in the body. The classical endocrine pathways are well known. However, there is still not enough knowledge on the molecular mechanisms involved, on the interactions of individual factors, and particularly, on their significance for healthy and pathological processes. Cumulating research achievements have changed the view of the classical roles of hormonal systems in the body as well as of their associations with disease states. For example, reproductive hormones are associated with cardiovascular physiology and heart disease. Blood volume-regulating hormones appear to play a role in the development and course of psychiatric disorders. This Special Issue is focused particularly on new approaches to understand the functions of neuroendocrine factors under both physiological and pathophysiological conditions. Welcome are papers evaluating molecular mechanisms in animal models as well as papers with clinical relevance, based on research in which the neuroendocrine system is studied for its potential pathogenetic role or as a target of therapeutic interventions.

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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