

Special Issue

Regulation and Plasticity in Autonomic Pathways

Message from the Guest Editors

The autonomic nervous system is widely distributed throughout the body, monitors the internal milieu of the body, and regulates visceral function. Autonomic function, operating without conscious control, plays crucial roles in maintaining homeostasis and coordinating response to changes in internal and external environments.

This Special Issue aims to provide a summary of the most recent advances in mechanisms underlying the operation of autonomic function and how these regulatory mechanisms may be altered in response to changes in the environmental factors.

The Special Issue will include original research articles and reviews on the subject of autonomic function. Research areas may include (but are not limited to) the following: in vivo/in vitro studies, ion channels, central/peripheral components of the autonomic pathways, afferent/efferent pathways, neurotransmitters/neuromodulators, and circulating mediators. We welcome submissions focused on these topics.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Chao-Yin Chen
Prof. Dr. Christopher G. Wilson
Prof. Dr. Yumei Feng Earley

Deadline for manuscript submissions

closed (31 October 2024)



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Biology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biology@mdpi.com

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

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