

Special Issue

Cardiovascular Autonomic Function: From Bench to Bedside—2nd Edition

Message from the Guest Editors

The autonomic nervous system (ANS) regulates involuntary physiological processes and is essential in controlling most of the body's organ systems through a series of neural reflexes. It is also responsible for modulating and adapting the function of all organs to constantly changing external and internal conditions to maintain the body's homeostasis.

This Special Issue aims to gather reviews and original research articles that provide up-to-date information and future perspectives on various areas of ANS physiology and clinical medicine that affect all levels of autonomic function. In this second edition, emphasis will also be placed on describing the molecular mechanisms that may underlie autonomic dysfunction.

We invite you to contribute to this Special Issue, covering all aspects of the autonomic nervous system in humans and animals, including functional anatomy; physiology; pharmacology and therapeutics; behavioural aspects; neuromodulation; dysfunction and ageing of autonomic neurons and their circuits; as well as the integrative role and emotional, physical, and motivational aspects of autonomic regulation. We look forward to receiving your contributions.

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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.

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