

Special Issue

Sympathetic Nerves and Cardiovascular Diseases

Message from the Guest Editors

Cardiovascular diseases (CVDs) are a group of disorders of the heart and blood vessels, including heart attack and stroke. According to the World Health Organization, cardiovascular diseases (CVDs) are the leading causes of death globally. An estimated 17.9 million people died from CVDs in 2019, representing 32% of all global deaths. The common risk factors for CVDs include hypertension, diabetes, dyslipidemia, and obesity among others. It has been shown that sympathetic nerve activity is often increased under these conditions, and the inhibition of sympathetic nerve activity (e.g., via renal denervation) has been shown to decrease blood pressure and improve glycaemic control. This Special Issue of *IJMS* will cover the latest developments in the effect of sympathetic nerve activity on CVDs. It will explore the molecular mechanisms underlying the contribution of sympathetic nerve activity to the development of CVDs. Articles focusing on the effect of sympathetic nerve activity on heart failure, arrhythmia, stroke, atherosclerosis, hypertension, diabetes, dyslipidemia, obesity, and renal disease are of particular interest.

Guest Editors

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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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