

Special Issue on
Nonpharmacological Approaches to Blood Pressure Regulation

CALL FOR PAPERS

Although the most common type of hypertension is a result of the interaction of genetic and environmental factors, it is also known to be linked to diseases of the blood vessels, kidneys and endocrine glands, the use of certain drugs or substances, and as psychological disturbances, such as anxiety. Thus, treatment of these secondary causes can normalize the blood pressure of many patients, and new therapeutic alternatives, complementary to the pharmacological therapies used, could help in the process of maintaining normal blood pressure levels.

In this context, the search for new natural or synthetic molecules, the development of more efficient pharmacological combinations, and the discovery of new endogenous mechanisms for controlling blood pressure are of increasing interest. Furthermore, it is important to remember that other diseases such as diabetes, stroke, heart failure, and kidney disease are linked to changes in vasoconstriction and/or vasodilatation, contributing to the development of hypertension.

The aim of this special issue is to highlight advances in blood pressure regulation, specifically to prevent or treat hypertension as well as illnesses associated with it. We encourage the submission of original research as well as review articles focusing on new findings in blood pressure regulation, mechanisms related to nonpharmacological interventions that help to regulate blood pressure and prevent or treat hypertension, as well as mechanisms related to other conditions that potentially lead to hypertension.

Potential topics include but are not limited to the following:

- ▶ Purinergic signaling and arterial vasoconstriction/vasodilatation
- ▶ Nonpharmacological interventions (for example, physical exercise, diet, and lifestyle) as blood pressure regulators
- ▶ Mechanisms related to psychological conditions that trigger hypertension
- ▶ Nonpharmacological therapeutic alternatives for the control of resistant hypertension
- ▶ Nutritional factors in blood pressure management
- ▶ Natural antioxidants in the prevention of hypertension and in the prevention of hypertension as a result of endocrine diseases.
- ▶ Mechanisms involved in the development of hypertension as a result of endocrine diseases

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/ijhy/abpr/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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