

Special Issue

Recent Advanced Research in Hypertension

Message from the Guest Editor

Hypertension remains a leading cause of cardiovascular disease and mortality worldwide, affecting over 1.5 billion people globally. The complexity of its etiology involves genetic, environmental, and lifestyle factors, making it a multifaceted health issue. Recent advancements in research have facilitated a deeper understanding of the pathophysiological mechanisms underlying hypertension, leading to innovative therapeutic approaches and improved management strategies. Among the critical components under investigation is the area of sex differences in hypertension. It has become increasingly evident that there are significant biological and sociocultural differences between men and women that influence the prevalence, pathophysiology, and treatment responses associated with hypertension. This special issue aims to compile cutting-edge research that reflects recent advances in hypertension, providing a multidisciplinary approach that integrates findings from clinical, translational, and basic research.

- Keywords:

- hypertension
- sex differences
- pathophysiology
- precision medicine
- novel therapeutics
- digital health
- cardiovascular disease

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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