



Effects of Stress and Psychological Trauma on the Development and Progression of Cardiovascular Diseases

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Message from the Guest Editors

As many of you already know, it is well-established that stress and psychological trauma increase the risk of development of cardiovascular diseases, such as hypertension, coronary artery disease, stress cardiomyopathy, and the so-called 'metabolic syndrome'. Psychological stress and the subsequent development of mental disorders are becoming increasingly important to our society. However, the pathophysiology and/or mediator systems that link stress and/or psychological trauma to the development of cardiovascular disease remain only partly understood. Over the past few years, a number of multi-center studies and epidemiological data on the topic have emerged, demonstrating that the amount and accumulation of allostatic load and the activation of the hypothalamic–pituitary and/or catecholaminergic axes are important issues. With this Special Issue, we hope to encourage submissions that discuss the state-of-the-art, fill existing knowledge gaps, and focus on ongoing controversies related to the interaction of stress and psychological trauma with the development and progression of cardiovascular diseases.





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