



Advances in Stroke Research: Risk Factors, Prevention and Prognosis

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Message from the Guest Editors

Ischemic stroke is the main cause of disability in adults and is also a significant cause of death. In addition to the commonly considered cardiovascular risk factors, particular attention should be paid to the issues of inflammation, nutrition, physical activity, and lifestyle. Inflammation is a physiological response of the host to infectious or sterile tissue damage with the primary purpose of restoring tissue homeostasis. However, failure in the regulation of inflammation underlies the pathogenesis of several disorders, including stroke. Various cellular pathways and endogenously generated mediators are involved in the inflammatory process occurring in stroke pathogenesis. We are especially interested in cytokines, lipid mediators, eikozanoids, and the dietary aspects related to this issue. In the current Special Issue, we invite researchers to submit high-quality, original research and review articles addressing the molecular and cellular aspects regarding the risk factors, prevention, and assessing the prognosis. We also encourage authors to submit original articles that analyze the classic cardiovascular factors associated with this topic.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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