

Special Issue

Nrf2 and Cardiovascular Function, Diseases, and Therapeutic Targets

Message from the Guest Editors

Nuclear factor erythroid 2-related factor 2 (Nrf2) is a master transcription factor regulating a large group of genes and proteins involved in antioxidant and anti-inflammatory processes. Accumulating evidence suggests that Nrf2 plays a critical role in normal functioning of the heart, blood vessels, and autonomic nervous system by maintaining redox hemostasis. Conversely, impaired Nrf2 signaling contributes to the pathology of hypertension, heart failure, and atherosclerosis.

This Special Issue aims to gather original research articles, reviews, perspectives, and short communications relevant to Nrf2 and the cardiovascular system. As , we invite you to contribute your research to this Special Issue for a comprehensive understanding the complex roles of Nrf2 in cardiovascular physiology and pathology with the hope of spurring interest in the development of effective Nrf2-targeted therapies.

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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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