

Special Issue

Roles of Cardiovascular Active Substances and Cellular Events in the Homeostasis of Cardiovascular Systems

Message from the Guest Editors

Cardiovascular active substances contribute to the maintenance of cardiovascular homeostasis. Conversely, disturbances might potentially induce cardiovascular diseases (CVDs). Cellular events, including endoplasmic reticulum stress, mitochondrial dysfunction, and apoptosis induced by some substances or inflammation, also play important roles in the development of CVDs. In this Special Issue, we aim at collecting current knowledge of those cardiovascular active substances and cellular events, summarize their mechanisms of actions, on both cardiovascular physiology and pathophysiology, and explore their potential applications in the treatment and diagnosis of CVDs.

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