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New Insights into Cardiovascular and Exercise Physiology

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Message from the Guest Editors

Cardiovascular physiology is a huge and, at a first glance, rather heterogenous area encompassing the closed circuit of the heart and vessels, each presenting with their unique features. However, it is the fine orchestrated interplay of all players that enables a proper supply of nutrients and oxygen to tissues according to their current needs and thus normal functioning of the organism. Aside from the systemic circulation that has mostly been investigated, far less is known about the pulmonary circulation, which undoubtedly represents an important circuit.

Physical exercise has increasingly been regarded as one of the potentially beneficial measures to improve cardiovascular health, interfering with numerous elements of the cardiovascular system and implying a multitude of potential mechanisms. Where is the line between benefit and harm? How do different types of exercise affect the cardiovascular system in health and disease?

Accordingly, this Special Issue would like to attract scientists from various fields of cardiovascular and/or exercise physiology to present their new findings, from the gene and molecular to the cellular level and up to investigations in humans.



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Special Issue



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Message from the Editor-in-Chief

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