

Special Issue

Molecular Advances in Exercise-Induced Metabolic Physiology

Message from the Guest Editors

This Special Issue invites submissions of physiological research papers focusing on the responses and changes in metabolic mechanisms that occur during exercise performance. Exercise has a significant impact on improving our physical functions by inducing various changes in our body's basic metabolic physiology. These responses and adaptations play an important role in preventing negative effects, including metabolic diseases. Until now, much research has been carried out on changes in metabolic mechanisms during exercise. However, there are still many things that are unclear about the changes in metabolic mechanisms that occur during exercise from the perspectives of physiology, biochemistry, molecular biology, etc. We welcome high-quality research focused on the molecular and biochemical underpinnings of exercise-induced metabolic changes. This Special Issue seeks to promote interdisciplinary collaboration, stimulate further investigation, and ultimately contribute to the development of novel strategies for preventing and treating metabolic diseases.

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The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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