

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.

Guest Editors

Dr. Kijin Kim

Department of Physical Education, Keimyung University, Daegu, Republic of Korea

Dr. Jinho Koh

Department of Convergence Medicine, School of Medicine, Yonsei University, Seoul, Republic of Korea

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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