Special Issue

Exercise Metabolism and Health

Message from the Guest Editors

Exercise is known to be one of the best non-pharmacological interventions for the prevention and treatment of many diseases. However, there is an extensive lack of knowledge on endocrine or epigenetic adaptations to exercise and the crosstalk between the abovementioned tissues. **The aims of topic are (but not limited to):** The relationship between the newly described endocrine; Identification and characterization of new hormones, miRNAs or exosomes by skeletal muscle, adipose tissue, liver, heart and bone; The constitutively or regulatory secreted hormones by the abovementioned organs under physical exercise conditions; The effect of exercise-induced fatigue and different types of exercise training interventions on metabolic, physiological, and molecular adaptations; Exercise-related metabolic, physiological, and molecular adaptations of skeletal muscle, adipose tissue, liver, heart, and bone in individuals with metabolic diseases; Exercise prescription to achieve optimal metabolic, physiological, and molecular adaptations in the crosstalk.

Guest Editors

Dr. Anna Prats-Puig

University School of Health and Sport (EUSES), University of Girona, 17004 Girona, Spain

Dr. Sergi Garcia-Retortillo

Department of Health and Exercise Science, Wake Forest University, Winston-Salem, NC 27109, USA

Deadline for manuscript submissions

closed (31 August 2022)

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 7.3
Indexed in PubMed

mdpi.com/si/66446

International Journal of Environmental Research and Public Health
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

mdpi.com/journal/ijerph

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 7.3
Indexed in PubMed

mdpi.com/journal/ijerph

MDPI

About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou
RCMI Center for Urban Health Disparities Research and Innovation, Richard N. Dixon Research Center, Morgan State University, Baltimore, MD 21251, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)