



Autonomic Modulation and Vascular Function in Relation to Aerobic and Resistance Exercise

Guest Editors:

Prof. Dr. J. Derek Kingsley

Exercise Science/Physiology,
Kent State University, Kent, OH
44242, USA

Dr. Kevin Ballard

Department of Kinesiology,
Nutrition and Health; Miami
University, Oxford, OH 45056, USA

Deadline for manuscript
submissions:

closed (15 April 2022)

Message from the Guest Editors

Dear Colleagues,

Regular exercise is associated with numerous health benefits, including improved aerobic and muscular fitness, reduced all-cause mortality, and decreased risk for the development of chronic disease (e.g., cardiovascular disease (CVD), type 2 diabetes). The physiological mechanisms responsible for the reduction in CVD risk with exercise are not fully understood, but alterations in autonomic modulation and vascular function may contribute. Therefore, additional evidence is needed to further understand the effects of exercise, aerobic and resistance, on autonomic modulation and vascular function.

Prof. Dr. J. Derek Kingsley
Dr. Kevin Ballard
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, USA

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.

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, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Public Health, Environmental and Occupational Health*)

Contact Us

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
[X@IJERPH_MDPI](https://twitter.com/IJERPH_MDPI)