



## Regulation of Muscle Mass, Exercise, Metabolism

Guest Editor:

**Dr. Joseph Marino**

Department of Applied  
Physiology, Health, and Clinical  
Sciences, The University of North  
Carolina at Charlotte, Charlotte,  
NC 28223-0001, USA

Deadline for manuscript  
submissions:

**closed (30 September 2021)**

### Message from the Guest Editor

I am pleased to announce that a Special Issue on The Regulation of Skeletal Muscle Mass and Metabolism in Health and Disease is being organized by the *Journal of Environmental Research and Public Health*. Skeletal muscle has the remarkable ability to adapt to an array of stressors that result in altered structure, function, and metabolism. When such adaptations occur in response to exercise and other healthy lifestyle habits, these adaptations are favorable and enhance quality of life. However, skeletal muscle structure, function, and metabolism may also be altered directly in response to certain disease states, or indirectly as a result of disease treatment. Oftentimes, this results in loss of skeletal muscle mass, poor metabolic control, and reduced quality of life. Developing strategies to improve skeletal muscle health during disease will improve patient outcomes and reduce the health care burden. The keywords below provide some of the areas of interest.





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, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/ijerph  
ijerph@mdpi.com  
X@IJERPH\_MDPI