



Musculoskeletal Aging and Sarcopenia in the Elderly

Guest Editor:

Dr. Emanuele Marzetti

Department of Geriatrics and
Orthopedics, Università Cattolica
del Sacro Cuore, 00168 Rome,
Italy

Deadline for manuscript
submissions:

closed (30 April 2021)

Message from the Guest Editor

The loss of skeletal muscle mass and strength/function, referred to as sarcopenia, is a pervasive feature of aging. The remarkable prevalence of sarcopenia and its association with a broad range of negative health-related outcomes have instigated a great deal of research on the pathophysiology of muscle aging. This has led to the identification of several biological pathways that may be exploited for biomarker discovery and/or therapeutic purposes. This Special Issue aims at convening basic and clinical researchers working in the area of sarcopenia to foster our understanding of the molecular determinants of muscle aging and their modulation by specific interventions.

I therefore invite you to submit your latest original research or review articles on muscle aging and sarcopenia to this Special Issue. Priority will be given to articles proposing translational geroscience approaches as well as to those using multi-marker strategies and omics platforms for the study of sarcopenia.





an Open Access Journal by MDPI

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

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.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI