

Special Issue

Feature Studies in Skeletal Muscle Physiology

Message from the Guest Editor

Over the decades, the research on skeletal muscle physiology has revealed the remarkable complexity in the structure and function of this tissue. Indeed, skeletal muscle displays a complex hierarchical structure that is highly innervated and vascularized. Moreover, skeletal muscles are involved in several physiological processes, including thermogenesis, metabolism, and the production of peptides (myokines) that regulate the activities of other tissues and organs. However, several aspects related to the cellular and molecular mechanisms underlying skeletal muscle functions are currently far from being fully elucidated. This Special Issue aims to present recent findings on the structural and functional features of skeletal muscle, starting from muscle tissue development (myogenesis) to age-related loss in skeletal muscle mass and strength (i.e., sarcopenia). It is our pleasure to invite you to submit review articles and high-quality original papers using a wide range of techniques and/or experimental approaches to highlight advances in the field of skeletal muscle physiology

Guest Editor

Dr. Manuela Dicarlo

Department of Precision and Regenerative Medicine and Ionian Area (DiMePre-J), University of Bari Aldo Moro, Piazza Giulio Cesare 11, 70124 Bari, Italy

Deadline for manuscript submissions

closed (22 September 2023)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/142158

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

mdpi.com/journal/

[life](https://life.mdpi.com)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
life](https://mdpi.com/journal/life)



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)