

Special Issue

Regulation of Skeletal Muscle Metabolism Through Macronutrient and Exercise

Message from the Guest Editor

You are invited to contribute to this Special Issue titled, 'Regulation of Skeletal Muscle Metabolism Through Macronutrient and Exercise.' Submissions for the following broad integrative areas are welcomed:

- Effects of different macronutrients (carbohydrate, protein or fat) interventions on skeletal muscle metabolism in response to diverse exercise modalities.
- Influence of macronutrients (carbohydrate, protein or fat) status on energy balance and its impacts along with exercise on skeletal muscle responses.
- Role of dietary protein to regulate skeletal muscle adaptation responses with exercise.
- Capacity for diverse acute or chronic exercise interventions to regulate skeletal muscle metabolic responses.

Guest Editor

Dr. Donny Camera

Department of Biomedical, Health and Exercise Sciences, Swinburne University, Melbourne, VIC 3122, Australia

Deadline for manuscript submissions

5 September 2026



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0

CiteScore 9.1

Indexed in PubMed



mdpi.com/si/267949

Nutrients

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

nutrients@mdpi.com

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

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





Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



[mdpi.com/journal/
nutrients](http://mdpi.com/journal/nutrients)



About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

Prof. Dr. Lluis Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)