

Special Issue

Effect of Functional Food on Skeletal Muscle and Metabolic Profile

Message from the Guest Editor

With the acceleration of the aging society, there is a growing interest in health, especially in the functions of foods beyond nutrition. Muscles are also important organs for supporting health, and their wide range of effects on the whole body through the secretion of myokines and other factors is attracting attention. The purpose of this Special Issue of *Metabolites* is to provide the latest information on the possible role of functional foods in health by collecting papers on the effects of food ingredients on skeletal muscle and metabolism from cell experiments to animal and human studies. Food ingredients include, but are not limited to, proteins including amino acids, lipids, carbohydrates, vitamins, and plant-derived ingredients.

Guest Editor

Dr. Hiroko Maruki-Uchida

Health Science Research Center, Morinaga & Co., Ltd, 2-1-1
Shimosueyoshi, Tsurumi-ku, Yokohama 230-8504, Japan

Deadline for manuscript submissions

closed (31 August 2022)



Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



mdpi.com/si/107716

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

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





Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

Dr. Amedeo Lonardo

Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).