



nutrients



an Open Access Journal by MDPI

Nutritional and Metabolic Changes Affecting Adipose Tissue Biology

Guest Editors:

Dr. David Sánchez-Infantes

Department of Health Sciences,
Campus Alcorcón, University Rey
Juan Carlos (URJC), 28922
Madrid, Spain

Dr. Patricia Corrales

Department of Health Sciences,
Campus Alcorcón, University Rey
Juan Carlos (URJC), 28922
Madrid, Spain

Deadline for manuscript
submissions:

15 January 2025

Message from the Guest Editors

Dear Colleagues,

An adequate nutritional balance is key to maintaining a healthy metabolic status. Besides obvious genetic predisposition, alterations in lifestyles affect adipose tissue biology, promoting the development of metabolic disorders.

White and brown adipose tissue are recognized as key endocrine organs involved in metabolism. Some research studies have focused on the metabolic alterations in adipose tissue in obesity, but novel research deciphering their role in other processes that require metabolic adaptations is crucial to furthering new therapeutic options.

This Special Issue, titled ‘Nutritional and Metabolic Changes Affecting Adipose Tissue Biology’, aims to provide new insight into the field from the perspective of nutrition and metabolism to promote a healthy status.

Dr. David Sánchez-Infantes

Dr. Patricia Corrales

Guest Editors



mdpi.com/si/206909

Special *Issue*



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluís 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 (Food Science)

Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI