



Adipose Tissue Metabolism in Obesity, Diabetes and Cardiovascular Disease

Guest Editor:

**Prof. Dr. Gary David
Lopaschuk**

4-23 Heritage Medical Research
Centre, Department of Pediatrics,
University of Alberta, Edmonton,
AB T6G 2S2, Canada

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

Obesity and diabetes are important risk factors for the development of cardiovascular disease. Adipose tissue dysfunction is a major contributor to these disease processes. Visceral and epicardial adipose tissue can have endocrine functions and proinflammatory roles that contribute to diabetes and cardiovascular disease, while the thermogenic and endocrine functions of brown adipose tissue have the opposite effect of lessening the severity of cardiovascular disease. Of importance, nutrition-based therapies can improve adipose tissue metabolism and alleviate various proinflammatory processes, oxidative stress, and stress-sensitive signaling pathways. This Special Issue will draw attention to the complex interaction between nutrition, adipose tissue metabolism, obesity, diabetes, and cardiovascular disease.





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 (Nutrition and Dietetics)

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