



Diet, Adipose Tissue and Diabetes

Guest Editor:

Dr. Krzysztof Czaja

Department of Veterinary
Biosciences and Diagnostic
Imaging, University of Georgia,
Athens, GA 30602, USA

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Message from the Guest Editor

This Special Issue will explore the relationship between diet, adipose tissue, and diabetes. Potential areas of focus may include the following:

- Role of microbiota in diabetes and obesity;
- Role of specific macro/micronutrients and bioactives in modulating adipokine secretion and local adipose inflammation;
- Influence of dietary patterns on adipose tissue distribution, metabolism, and adipogenesis;
- Interactions of diet with adipose tissue signaling pathways and their impact on beta cell function and peripheral glucose disposal;
- Lifestyle/dietary interventions targeting adipokines or adipose tissue inflammation for glycemic control;
- Emerging ‘omics’ and imaging techniques elucidating molecular mechanisms linking diet, adipose dysfunction, and insulin resistance;
- Clinical and epidemiological studies on the dietary factors associated with altered adipose tissue physiology and diabetes risk.





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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

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Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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