

Special Issue

Diet, Adipose Tissue and Diabetes

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.

Guest Editor

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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.

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