



Diet, Adipose Tissue and Diabetes

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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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