



Diet, Adipose Tissue Dysfunction and Metabolic Disorders

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Message from the Guest Editors

Our understanding of adipose tissue has changed enormously in the past 20 years. From being simply an energy storage vessel, adipose tissue is now known to exist in a range of types, each with a different function and origin as well as having different regulatory control and secretory products. The ability of adipose tissue to respond and adapt to a changing energy balance can determine whether an individual is predisposed to metabolic disease or will expand adipose tissue without the associated negative metabolic consequences. Additionally, the location of white adipose tissue can also present different risks for metabolic diseases as well as the development of other pathologies such as cardiovascular and fatty liver diseases. However, the factors which regulate healthy adipose tissue expansion and function are still to be elucidated.

We hope to further contribute to this fascinating area of metabolism by inviting you to submit a manuscript to *Nutrients* to improve our knowledge regarding the role of macronutrients in adipose tissue function and metabolism. Experimental research, systematic and meta-analyses, and narrative reviews are welcome.





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