



New Research on Brown and White Adipose Tissue

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Message from the Guest Editor

Dear Colleagues,

White adipose tissue plays a central role in modulating whole-body energy metabolism, maintaining homeostasis, and influencing various physiological processes, such as appetite regulation and the body's response to inflammation. Conversely, brown adipose tissue stands out for its unique role in thermogenesis and energy expenditure regulation.

Hence, this Special Issue aims to compile a selection of reviews and research articles that delve into the mechanisms governing the differentiation of both white and brown adipocytes. Furthermore, we seek to explore the production and functions of adipokines in both white and brown adipose tissue, with a specific focus on identifying their major contributions to obesity and lipid metabolism-related diseases. We also encourage investigations that provide fresh insights into the fundamental aspects of hormonal control over the metabolism of both white and brown adipose tissue, as these revelations have broad implications for understanding various physiological and pathological conditions.





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Message from the Editor-in-Chief

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