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Adipocyte Metabolism and Health in Postmenopausal Women

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Message from the Guest Editor

Nutritional and dietary supplements are the most highly sought out non-estrogenic therapies for the prevention and management of the metabolic conditions (e.g., obesity, cardiovascular disease, diabetes, etc.) in peri- and postmenopausal women.

Studies have repeatedly demonstrated: (A) the importance of adipocyte metabolism on cardiometabolic health and related diseases; (B) negative adipose tissue-specific effects of estrogen loss. Thus, there is a need to better understand both the mechanisms by which estrogen loss affects adipocyte and systemic metabolism, as well as the mechanisms and efficacy of potential dietary/alternative treatments designed to target adipose tissue.

This Special Issue will collate recent high-quality research in the field of adipocyte metabolism focusing on the investigation of adipocyte-specific mechanisms by which sex hormones and potential therapeutics affect immune, metabolic, and endocrine changes at the tissue (i.e., both white and brown adipose tissue-specific actions) and organismal level. Both original research articles and reviews spanning clinical and preclinical work are welcome.



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Special Issue



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