

Special Issue

Adipose Tissue Functioning in Health and Diseases

Message from the Guest Editor

Adipose tissue plays a critical role in maintaining metabolic homeostasis and energy balance. Beyond serving as a storage depot for lipids, it functions as an endocrine organ that regulates various physiological processes through the secretion of adipokines and cytokines. However, dysregulation in adipose tissue function is implicated in the pathogenesis of obesity, diabetes, cardiovascular diseases, and other metabolic disorders. This Special Issue, Adipose Tissue Functioning in Health and Diseases, highlights innovative research exploring the cellular and molecular mechanisms governing adipose tissue function, its interactions with other tissues, and its role in disease development. We invite contributions that examine adipose tissue remodeling, thermogenic regulation, metabolic crosstalk, and therapeutic approaches targeting adipose tissue. By assembling diverse perspectives and novel findings, this issue seeks to provide a comprehensive understanding of adipose tissue's role in health and disease.

Guest Editor

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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