
Description: Methods of Adipose Tissue Biology is a must-have for anyone interested in obesity or the physiology of white or brown adipose tissues. It contains state-of-the-art methods from researchers who are world leaders in this field. Detailed lab protocols include methods to visualize adipocytes and adipose tissues in humans and experimental models, converting stem cells into white and brown adipocytes in vitro, evaluating aspects of adipocyte metabolism, inducibly knocking out genes in adipose tissues, and evaluating transcriptional control of adipogenesis on a global scale.

- The study of adipose tissue goes hand in hand with our global effort to understand and reverse the epidemic of obesity and associated medical complications- Contributors include leading researchers who have made tremendous contributions to our ability to investigate white and brown adipose tissues- The wide variety of experimental approaches detailed within this volume: including the evaluation of adipose tissue biology at the molecular, biochemical, cellular, tissue, and organismal levels

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