1. Record Nr. UNINA9910917789303321

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Titolo	Adipose Tissue : Endocrine Functions, Health Implications, and Future Perspectives / / edited by Dimiter Avtanski
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031725708 9783031725692
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (241 pages)
Collana	Contemporary Endocrinology, , 2523-3793
Disciplina	611.01827
Soggetti	Endocrinology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Significance of Adipose Tissue as an Endocrine Organ -- Anatomy and Physiology of Adipose Tissue -- Metabolic Function of Adipose Tissue -- Endocrine Functions of Adipose Tissue -- Adipose Tissue Dysfunction: Clinical Implications and Complications -- Adipose Tissue Angiogenesis and Clinical Implications -- Technological Advances in Adipose Tissue Research and Clinical Practice -- Targeting Adipose Tissue: Therapeutic Strategies and Future Directions.
Sommario/riassunto	This book provides a comprehensive overview of adipose tissue as an endocrine organ and examines its complex biology and clinical significance. It explores the interaction between adipose tissue and various physiological systems and sheds light on how adipose dysfunction contributes to the pathogenesis of metabolic diseases that affect millions of people worldwide. It aims to clarify how the endocrine functions of adipose tissue maintain health and contribute to various metabolic and cardiovascular diseases. With obesity rates escalating globally, understanding the role of adipose tissue and its clinical implications has become critical. Adipose Tissue: Endocrine Functions, Health Implications, and Future Perspectives covers topics ranging from basic science to its clinical significance. It provides a comprehensive view of the clinical manifestations of adipose tissue dysfunction, such as obesity, diabetes, and metabolic syndrome. The book demonstrates the clinical complications associated with adipose tissue dysfunctions and the importance of early detection and intervention. Cutting-edge

advancements in adipose tissue research technology and, more importantly, how these findings can translate into clinical practice are discussed, thus offering novel perspectives for future therapeutic strategies. This timely and relevant book targets medical practitioners, clinical researchers, basic scientists, students, and everyone interested in understanding the complex biology of the human body and how a tissue once seen as mere fat storage is now at the forefront of endocrine research and therapy.