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Titolo	Adipose Tissue and Adipokines in Health and Disease // edited by Giamila Fantuzzi, Carol Braunschweig
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Descrizione fisica	1 online resource (388 p.)
Collana	Nutrition and Health
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Soggetti	Diet therapy Nutrition Endocrinology Diabetes Gastroenterology Human physiology Clinical Nutrition Human Physiology
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Adipose Tissue in Evolution -- Adipose Stem Cells and Adipogenesis -- Metabolism of White Adipose Tissue -- Bad Fat or Just More Fat? Murine Models of Metabolically-Healthy Obesity -- The Aging Adipose Organ: Lipid Redistribution, Inflammation, and Cellular Senescence -- Adipokines: Leptin and Adiponectin in the Regulation of Inflammatory and Immune Responses -- Adipose Tissue Inflammation -- Endoplasmic Reticulum Stress and Adipose Tissue Function -- Autophagy in White Adipose Tissue -- Obesity and Micronutrient Deficiencies -- Epidemiology of Obesity in Children -- Genetics of Obesity -- Epigenetics of Obesity -- Consequences of Rapid Weight Loss -- Human Lipodystrophy: An Update on Molecular Genetics and Possible Mechanisms of Fat Loss -- Adipose Tissue and Type 2 Diabetes Mellitus -- Adipokines in Non-Alcoholic Fatty Liver Disease -- Obesity and Cardiovascular Disease -- Respiratory Diseases in Obesity -- Adiposity & Kidney Disease -- Obesity and Joint Disease -- Obesity and Colon and Postmenopausal Breast Cancer.

The field of adipose tissue biology has been expanding at a very rapid pace in the last few years. Numerous advances have been made since publication of the first edition of this book, in terms of basic adipocyte biology, understanding of the determinants of obesity, distribution of body fat and weight loss, as well as the mechanisms linking excess adiposity to various co-morbidities. Adipose Tissue and Adipokines in Health and Disease, Second Edition contains updated chapters from the previous volume but as the field has evolved, some areas covered in the first edition have been refocused to address the new knowledge. The volume is divided in four sections: the first two deal with basic adipose tissue and adipokine biology, while the last two address the problem of obesity and alterations in adipose tissue function from an epidemiological and clinical standpoint. The chapters are written by experts in their fields and include the most up to date scientific information. Adipose Tissue and Adipokines in Health and Disease, Second Edition is a useful resource for physicians interested in adipose tissue biology and basic scientists who want to know more about applied aspects of the field. The book targets endocrinologists, residents and fellows, internists, nutritionists and general practitioners who are exposed to an ever-expanding obese population.

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