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Titolo	Evolving Concepts in Insulin Resistance / / edited by Marco Infante
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Descrizione fisica	1 online resource (ix, 190 pages) : illustrations
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Nota di contenuto	1. The Insulin Journey in the Human Body -- 2. Insulin Receptor Isoforms in Physiology and Metabolic Disease -- 3. Molecular Mechanisms Involved in Insulin Resistance: Recent Updates and Future Challenges -- 4. Mechanisms of Insulin Resistance during Pregnancy -- 5. Dietary Activation of AMP-Activated Protein Kinase (AMPK) to Treat Insulin Resistance -- 6. Cardiac Natriuretic Peptide System: A Link between Adipose Tissue, Obesity, and Insulin Resistance -- 7. Berardinelli-Seip Syndrome: Report of an Old Case Successfully Treated with Anti-Glucocorticoid Therapy Followed by Bilateral Adrenalectomy.
Sommario/riassunto	Over the last decades, the growing prevalence of insulin resistance has dramatically contributed to the global epidemic of metabolic syndrome, obesity, type 2 diabetes mellitus, and cardiovascular disease. Therefore, there is an unmet need for novel nutritional and pharmacological strategies aimed to prevent or treat insulin resistance and its related comorbidities. This book presents a comprehensive overview of the pathophysiology and clinical consequences of insulin resistance in different settings, describing novel diagnostic biomarkers and molecular targets of this condition.