

1. Record Nr.	UNINA9910143555703321
Titolo	Biology of IGF-1 [[electronic resource]] : its interaction with insulin in health and malignant states // [edited by Gregory Bock, Jamie Goode]
Pubbl/distr/stampa	The Atrium, Southern Gate, Chichester, UK ; ; Hoboken, NJ, : John Wiley & Sons, c2004
ISBN	1-280-27251-1 9786610272518 0-470-66753-2 0-470-86997-6 0-470-86999-2
Descrizione fisica	1 online resource (294 p.)
Collana	Novartis Foundation symposium ; ; 262
Classificazione	44.78
Altri autori (Persone)	BockGregory GoodeJamie
Disciplina	612.01575 612/.015756
Soggetti	Somatomedin - Physiological effect Somatomedin - Pathophysiology Carcinogenesis Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Circulating IGF-I and its role in cancer: lessons from the IGF-1 gene-deletion (LID) mouse -- Physiology of the IGF system -- Molecular basis of insulin action -- IGF-1 and insulin as growth hormones -- Insulin-like growth factors and neoplasia -- Loss of IGF2 imprinting: mechanisms and consequences -- Insulin and IGF-1 receptor trafficking and signalling -- The mTOR/S6K signalling pathway: the role of the TSC1/2 tumour suppressor complex and the proto-oncogene Rheb -- Structural biology of insulin and IGF-1 receptors -- Genetic blockade of the insulin-like growth factor-I receptor for human malignancy -- IGF-1 and prostate cancer -- IGF-1 and breast cancer -- IGF-BPs and cancer -- The IGF receptor as anticancer treatment target -- Nutrition, insulin, IGF-1 metabolism and cancer risk: a summary of epidemiological evidence.

Sommario/riassunto

An invaluable book containing a series of interdisciplinary discussions between clinical and basic scientists. Biology of IGF-1: Its interaction with insulin and health and malignant states focuses on key issues such as: the definition of danger zones, the development of methods for early recognition of malignant states linked to IGF-1 and/or insulin, possible approaches to preventative intervention, the relevance in this field of research to the development of novel therapeutic approaches to treating certain cancers.
