

1. Record Nr.	UNINA9910449852103321
Titolo	CCN proteins [[electronic resource]] : a new family of cell growth and differentiation regulators // editors, Bernard Perbal and Masaharu Takigawa
Pubbl/distr/stampa	London ; ; Hackensack, NJ, : Imperial College Press, c2005
ISBN	1-281-86692-X 9786611866921 1-86094-689-5
Descrizione fisica	1 online resource (324 p.)
Altri autori (Persone)	PerbalBernard V TakigawaMasaharu
Disciplina	612/.01575
Soggetti	Cell differentiation - Molecular aspects Protein-protein interactions Growth factors 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 index.
Nota di contenuto	Contents; Preface; Chapter 1 The CCN Family of Proteins: An Overview Bernard Perbal and Masaharu Takigawa; Chapter 2 Roles of CCN2/CTGF in the Control of Growth and Regeneration Masaharu Takigawa, Takashi Nishida and Satoshi Kubota; Chapter 3 Integrin-Mediated CCN Functions Lester F. Lau and Stephen C.-T. Lam; Chapter 4 Expression and Roles of CCN2 During Odontogenesis Manabu Kanyama, Tsuyoshi Shimo, Changshan Wu, Hiroki Sugito, Masahiro Iwamoto, Maurizio Pacifici and Eiki Koyama; Chapter 5 CCN Genes and the Kidney Bruce L. Riser, Sujatha Karoor and Darryl R. Peterson Chapter 6 CCN Proteins in Liver Injury and Disease Amy W. Rachfal and David R. BrigstockChapter 7 Genetic Analysis of CCN Gene Function in Mammalian Development Lisa M. Dornbach and Karen M. Lyons; Chapter 8 CCN Family in Embryonic Development (Non-Mammalian Models) Branko V. Latinkic; Chapter 9 CCN3 Expression and its Role During Development Ken-ichi Katsube; Chapter 10 Regulation of CCN Proteins by Alterations of the Cytoskeleton Brahim Chaqour and

Margarete Goppelt-Struebe; Chapter 11 Pathogenesis of Systemic Sclerosis and CCN2 (Connective Tissue Growth Factor) Kazuhiko Takehara

Chapter 12 Function and Regulation of CCN5 Mark R. Gray and John J.

Castellot Jr. Chapter 13 CCN3: A Multifunctional Signaling Regulator

Nathalie Planque, Anne-Marie Bleau and Bernard Perbal; Chapter 14

CCN Proteins and Connexins: Interactions and Growth Control Christine Fu, Alexandra Gellhaus, Elke Winterhager and Christian C. Naus;

Chapter 15 The Role of CCN1 in Tumorigenesis and Cancer Progression

James O'Kelly and H. Phillip Koeffler; Chapter 16 CCN4 and CCN6

Variants in Wnt-Inducible Signaling Pathway Shinji Tanaka; Index

Sommario/riassunto

The CCN Proteins are thought to play key roles in the biology of normal cell, tissue, organ, and body, and altered expression of CCN proteins is associated with several pathologies, including fibrosis and cancer.

Because of its importance, the CCN field is expanding at a fast pace.
