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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. Castellet 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.