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Titolo	Tumor Microenvironment : Extracellular Matrix Components – Part A / / edited by Alexander Birbrair
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Descrizione fisica	1 online resource (XI, 181 p. 29 illus., 24 illus. in color.)
Collana	Advances in Experimental Medicine and Biology, , 2214-8019 ; ; 1245
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Note generali	Includes index.
Nota di contenuto	The tumor microenvironment: focus on extracellular matrix -- Keratan Sulphate in the Tumour Environment -- Hyaluronan in the tumor microenvironment -- Fibronectin in the tumor microenvironment -- Matrix metalloproteinases role in tumor microenvironment -- Flipping the Molecular Switch: Influence of Perlecan and its Modifiers in the Tumor Microenvironment -- Heparan sulfate in the tumor microenvironment -- The role of Glypican-1 in the tumour microenvironment -- Index.
Sommario/riassunto	Revealing essential roles of the tumor microenvironment in cancer progression, this volume focuses on the extracellular matrix components with the tumor during cancer development. Further, it teaches readers about the roles of distinct constituents of the tumor microenvironment and how they affect cancer development. Topics include heparan sulphate, hyaluronan, fibronectin, perlecan, glypican, matrix metalloproteinases, and much more. Taken alongside its companion volumes, Tumor Microenvironment: Extracellular Matrix Components – Part A updates us on what we know about the different

aspects of the tumor microenvironment, as well as apprises us on the future advances in the field. For the newer generation of researchers, this volume serves as a useful introduction to the history of scientists' focus on the tumor microenvironment, and explores how this knowledge is currently applied in cancer treatments. The book will be an essential textfor advanced cell biology and cancer biology students, as well as for scientists seeking an update on the developments in tumor microenvironment research. All of the chapter authors are renowned international experts in the field of cancer biology, and in the specific subfields that are the focus of their chapters.