

1. Record Nr.	UNINA9910416096803321
Titolo	Tumor Microenvironment : Extracellular Matrix Components – Part B // edited by Alexander Birbrair
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-48457-2
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (188 pages) : illustrations
Collana	Advances in Experimental Medicine and Biology, , 2214-8019 ; ; 1272
Disciplina	616.9940421
Soggetti	Cancer Stem cells Regenerative medicine Cytology Cancer Microenvironment Cancer Biology Stem Cell Biology Regenerative Medicine and Tissue Engineering Cell Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Elastin in the Tumor Microenvironment -- Decorin in the tumor microenvironment -- Syndecan-1 in the tumor microenvironment -- Versican in the tumor microenvironment -- Chondroitin Sulphate Proteoglycans in the Tumour Microenvironment -- Lipoproteins and the Tumor Microenvironment -- The Role of BEHAB/Brevican in the Tumor Microenvironment: Mediating Glioma Cell Invasion and Motility -- Thrombospondin in Tumor Microenvironment -- Tenascin-C function in glioma: immunomodulation and beyond -- Index.
Sommario/riassunto	Revealing essential roles of the tumor microenvironment in cancer progression, this volume focuses on the extracellular matrix components of the tumor microenvironment during cancer development. Furthermore, it teaches readers about the roles of distinct constituents of the tumor microenvironment and how they affect cancer development. Topics include elastin, decorin, syndecan-1,

versican, lipoproteins, brevican, thrombospondin, and much more. Taken alongside its companion volumes, *Tumor Microenvironment: Extracellular Matrix Components – Part B* 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 newest 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 is an essential text for 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 chapters authors are renowned international experts in the field of cancer biology, and in the specific subfields that are the focus of their chapters.
