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Nota di contenuto	1. The Tumour Microenvironment and Circulating Tumour Cells: A partnership driving metastasis and glycan-based opportunities for cancer control -- 2. Dormancy in the Tumor Microenvironment -- 3. Tumor-associated tertiary lymphoid structures: A cancer biomarker and a target for next-generation immunotherapy -- 4. Studying the tumor microenvironment in zebrafish -- 5. Pre-metastatic niche formation by neutrophils in different organs -- 6. Tumor cell invasion and the tumor microenvironment: Special focus on brain tumors -- 7. The dog as a model to study the tumor microenvironment -- 8. EFFEROCYTOSIS AND THE STORY OF "FIND ME", "EAT ME" AND "DON'T EAT ME" SIGNALING IN THE TUMOR MICRO ENVIRONMENT -- 9. Color-coded imaging of the tumor micro-environment (TME) in human patient-derived orthotopic xenograft (PDOX) mouse models -- 10. Mitochondria and the tumor microenvironment in blood cancer -- 11. Telocytes in the tumor microenvironment -- 12. Modeling the roles of astrocytes in the metastatic tumor cell microenvironment -- 13. Roles of fibroblasts in

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Sommario/riassunto

This volume discusses novel concepts in cancer biology, focusing on different factors that affect the tumor microenvironment. Topics covered include sex-based differences in the tumor microenvironment, dormancy in the tumor microenvironment, the influence of obesity on the tumor microenvironment, and much more. Taken alongside its companion volumes, *Tumor Microenvironment: Novel Concepts* covers the latest research on various aspects of the tumor microenvironment, as well as future directions. Useful for introducing the newer generation of researchers to the history of how scientists studied the tumor microenvironment as well as how this knowledge is currently applied for cancer treatments, it will be essential reading for advanced cell biology and cancer biology students, as well as researchers seeking an update on research on the tumor microenvironment.
