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Titolo	Cell & Molecular Biology of Prostate Cancer [[electronic resource]] : Updates, Insights and New Frontiers // edited by Heide Schatten
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Descrizione fisica	1 online resource (135 pages)
Collana	Advances in Experimental Medicine and Biology, , 0065-2598 ; ; 1095
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Soggetti	Cell cycle Molecular biology Cancer research Oncology Urology Cell Cycle Analysis Molecular Medicine Cancer Research Oncology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Brief overview of prostate cancer statistics, grading, diagnosis and treatment strategies -- Chapter 2:Novel biomarkers for prostate cancer detection and prognosis -- Chapter 3:Inflammation and prostate cancer -- Chapter 4:The impact of centrosome pathologies on prostate cancer development and progression -- Chapter 5:MicroRNAs as regulators of Prostate Cancer Metastasis -- Chapter 6:Epithelial-mesenchymal Transition (EMT) and Prostate Cancer -- Chapter 7:The role of multi-parametric MRI and fusion biopsy for the diagnosis of prostate cancer -- Chapter 8:Prostate Cancer Treatment Considerations: A Geneticist's Brief Review of New Treatment Possibilities.
Sommario/riassunto	This volume covers classic and modern cell and molecular biology of prostate cancer, as well as novel biomarkers, inflammation, centrosome pathologies, microRNAs, cancer initiation novel biomarkers,

inflammation, centrosome pathologies, microRNAs, cancer initiation and genetics, epigenetics, mitochondrial dysfunctions and apoptosis, cancer stem cells, angiogenesis and progression to metastasis, and treatment strategies including clinical trials related to prostate cancer. Cell & Molecular Biology of Prostate Cancer is one of two companion books comprehensively addressing the biology and clinical aspects of prostate cancer. Prostate Cancer: Molecular & Diagnostic Imaging and Treatment Strategies, the companion volume, discusses both classic and the most recent imaging approaches including analysis of needle biopsies, applications of nanoparticle probes and peptide-based radiopharmaceuticals for detection, early diagnosis and treatment of prostate cancer. Taken together, these volumes form one comprehensive and invaluable contribution to the literature. .
