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Nota di contenuto	Principles of Cell Proliferation; Contents; Preface; Abbreviations; 1 Biology of the Cell Cycle; 2 Growth Factors; 3 Receptors; 4 Intracellular Signals; 5 Gene Expression; 6 The Cell Cycle Engine; 7 Oncogenes; 8 Tumour Suppressor Genes; 9 Cell Survival; Further Reading; Index
Sommario/riassunto	Controlled expansion of cell populations is a fundamental feature of living organisms, being a finely-tuned balance between cell proliferation and cell death. This book aims to explain the molecular mechanisms that lie behind the multiplication and survival of eukaryotic cells. This encompasses both the normal regulation of cell populations in development or physiological adaptation and pathological mechanisms of cell cycle control in cancer. Principles of Cell Proliferation progressively introduces the function of growth factors, receptors, signal transduction pathways, gene expr