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Titolo	Regulation of the eukaryotic cell cycle [[electronic resource]]
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Descrizione fisica	1 online resource (302 p.)
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Soggetti	Cell cycle - Regulation Eukaryotic cells Cellular control mechanisms Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Wiley-Interscience publication."
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	REGULATION OF THE EUKARYOTIC CELL CYCLE; Contents; Introduction; G1 control in yeast and animal cells; Is START a switch?; cdc2 protein kinase: structure-function relationships; Activation of MPF in fission yeast; Regulation of p34cdc2 protein kinase activity by phosphorylation and cyclin binding; Cyclins and cdc2 kinases in Drosophila: genetic analyses in a higher eukaryote; Mitotic regulation in Aspergillus nidulans; Protein phosphatases and cell division cycle control; DNA replication and the cell cycle; DNA replication and progression through the cell cycle Cyclins A and B1 in the human cell cycleGeneral discussion I : The cyclin-dependent kinase family; Regulation of CYL/cyclin D genes by colony-stimulating factor 1; Cell cycle regulation of retinoblastoma protein phosphorylation; General discussion II : The role of mos in meiotic maturation; c-Src and mitosis; Final discussion; Index of contributors; Subject index
Sommario/riassunto	Comprised of the latest developments in cell cycle research, it analyzes

the principles underlying the control of cell division. Offers a framework for future investigation, especially that aimed toward understanding and treatment of cancer.
