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Nota di contenuto	Cytoskeletal organization and dynamics in female meiosis and early embryogenesis structure and dynamics in mammalian oocytes -- Conserved functions of Mos-MAPK in oocyte meiosis -- What are the fitness costs of centromere drive? -- Cell cycle regulation of vertebrate female meiotic divisions -- Preserving genomic integrity during female meiosis: Detecting, repairing, and responding to maternal DNA damage -- Canonical and non-canonical roles of the nucleolus in relation to nucleolar function in oocyte meiosis -- Breaking trends: large animal models to study spindle assembly and chromosome segregation in human oocytes -- Aurora kinases: a summary of mouse genetic models used to distinguish their roles in oocyte meiosis and female fertility -- Meiotic spindle organization and function in Drosophila female oocytes.
Sommario/riassunto	This book brings together a diverse and exciting group of emerging and leading experts in female meiosis, each contributing a chapter that

summarizes seminal recent progresses in their area of specialty. With various meiosis topics ranging from cytoskeletal function in worms to studies of oocyte meiosis in large mammals, this collection is intended for fundamental cell biologists interested the basic mechanisms of cell division and differentiation.