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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Molecular biology of egg maturation; Contents; Introduction; Poly(A) RNA of the egg cytoplasm: structural resemblance to the nuclear RNA of somatic cells; Discussion; Induction of chromosome replication during maturation of amphibian oocytes; Discussion; Retroviruses and mouse embryos: a model system in which to study gene expression in development and differentiation; Discussion; The regulation of yolk protein gene expression in <i>Drosophila melanogaster</i> ; Discussion; Higher-order structural determinants for expression of the ovalbumin gene family; Discussion Hormonal regulation and expression of vitellogenin multigene familyDiscussion; Vitamin carrier proteins during embryonic development in birds and mammals; Discussion; Steroid and peptide control mechanisms in membrane of <i>Xenopus laevis</i> oocytes resuming meiotic division; Discussion; Nature and action of the mediators inducing maturation of the starfish oocyte; Discussion; General discussion: mechanisms of hormone action; Somatic control of protein synthesis in mammalian oocytes during maturation; Discussion

The legacy from the oocyte and its role in controlling early development of the mouse embryoDiscussion; The oocyte as an endocytic cell; Discussion; The oocyte as a secretory cell; Discussion; The molecular basis of sperm-egg interaction in the sea urchin; Discussion; Final general discussion; Closing remarks; Index of contributors; Subject index
