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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 Drosophila melanogaster; 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 Xenopus laevis 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