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Nota di contenuto	Anatomy of the reproductive system / Gheorghe M. Constantinescu -- Anatomy of mammalian (endocrine) glands controlling the reproduction / Gheorghe M. Constantinescu -- Models for investigating placental biology / Laramie Pence and Bhanu P. Telugu -- Early developmental programming of the ovarian reserve, ovarian function and fertility / F. Mossa, S.W. Walsh, A.C.O. Evans, J.J.Ireland -- Small non-coding RNAs in gametogenesis / Lukasz Smorag and D. V. Krishna Pantakani -- The ovarian follicle of cows as a model for human / Marc-Andre Sirard -- Production of energy and determination of competence : past knowledge, present research and future opportunities in oocyte and embryo metabolism / Jason R. Herrick, Elena Silva, Rebecca L. Krisher -- Signal transduction pathways in oocyte maturation / Francois J Richard, Nicolas Santiquet, Annick Bergeron and Daulat Raheem Khan -- Pig models of reproduction / B.R. Mordhorst and R.S. Prather -- The mare as an animal model for reproductive aging in the woman / Elaine M. Carnevale -- Spotlight on reproduction in domestic dogs / Shirley J Wright -- Animal models of inflammation during pregnancy / Karen E. Racicot and Keith E. Latham -- Practical approaches, achievements, and perspectives in the study on signal transduction in oocyte maturation and fertilization : focusing on the African clawed frog xenopus laevis as an animal model / Ken-ichi Sato -- Prezygotic chromosomal

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