

1. Record Nr.	UNINA9911019721803321
Titolo	Comparative reproductive biology // edited by Heide Schatten, Gheorghe M. Constantinescu
Pubbl/distr/stampa	Ames, Iowa, : Blackwell Pub., 2007
ISBN	9786611450502 9781281450500 1281450502 9780470390290 0470390298 9780470390252 0470390255
Edizione	[1st ed.]
Descrizione fisica	1 online resource (432 p.)
Altri autori (Persone)	SchattenHeide ConstantinescuGheorghe M. <1932->
Disciplina	636
Soggetti	Domestic animals - Reproduction Animal breeding Artificial insemination Veterinary obstetrics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Comparative Reproductive Biology; Table of Contents; Foreword; Preface; List of Contributors; Chapter 1: Developmental Anatomy of Reproductive Organs; Chapter 2: Anatomy of Reproductive Organs; Part 2.1: Male Genital Organs; Part 2.2: Female Genital Organs; Part 2.3: The Genital Apparatus in the Carnivore; Part 2.4: The Genital Apparatus in the Pig; Part 2.5: The Genital Apparatus in the Ruminant; Part 2.6: The Genital Apparatus in the Horse; Chapter 3: Histology, Cellular and Molecular Biology of Reproductive Organs; Part 3.1: Introduction to Histology, Cellular and Molecular Biology Part 3.2: Overview of Male Reproductive Organs Part 3.3: Comparative Histology and Subcellular Structure of Mammalian Spermatogenesis and Spermatozoa; Part 3.4: Overview of Female Reproductive Organs; Part

3.5: Overview of Fertilization; Color Plate Section; Chapter 4: Comparative Reproductive Physiology of Domestic Animals; Chapter 5: Transgenic Animals; Chapter 6: Gender Selection in Mammalian Semen and Preimplantation Embryos; Chapter 7: Artificial Insemination; Chapter 8: Embryo Transfer and In Vitro Fertilization  
Chapter 9: The Comparative Cryobiology of Preimplantation Embryos from Domestic Animals  
Chapter 10: Animal Cloning; Chapter 11: Introduction to Comparative Placentation; Chapter 12: Comparative Placentation; Chapter 13: Pregnancy Diagnosis in Domestic Animals; Part 13.1: Pregnancy Diagnosis in the Mare; Part 13.2: Bovine Pregnancy Diagnosis; Part 13.3: Pregnancy Diagnosis in Swine; Part 13.4: Pregnancy Diagnosis in the Ewe; Part 13.5: Canine and Feline Pregnancy Diagnosis; Chapter 14: Ultrasonography in Small Ruminant Reproduction; Index

---

Sommario/riassunto

When considering the physiological systems of the body, the degree of species variation within the reproductive system compared to other systems is remarkable. Furthermore, it is essential that researchers, educators, and students alike remain aware of the fundamental comparative differences in the reproductive biology of domestic species. Written by renowned scientists in their respective fields, Comparative Reproductive Biology is a comprehensive reference on the reproductive systems of domestic species. The book offers both broad and specific knowledge in areas that have advanced the

---