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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

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