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Nota di contenuto	Chapter 1. Ultrastructure of Anterior Pituitary, Testis, Epididymis in Mammals -- Chapter 2. Electron Microscopic Observations of Testis in Normal and Experimental Rat and Bonnet Monkey (Macaca radiata) -- Chapter 3. Ultrastructure of Epididymis in Normal and Experimental Animals; Rats and Bonnet monkey (Macaca radiata) -- Chapter 4. A Summary of Placental Embrayology -- Chapter 5. Ultrastructure of Endotheliochorial Interhemal Membrane of the Indian Musk Shrew, Suncus murinus. Chapter 6. Ultrastructure of Interhemal Membrane in Some Bats -- Chapter 7. Ultrastructure of the Interhemal Membrane in Two Myomorph Rodents -- Chapter 8. Ultrastructure of Placental Barrier and Chorionic Leave of Bonnet Monkey (Macaca radiata).
Sommario/riassunto	This book provides the ultrastructural study of the pituitary–gonadal axis through the electron microscope. It is a compilation of extensive work carried out by Dr. D.A. Bhiwgade and his researchers over the last

four decades. It explains the ultrastructural characteristics of pituitary cells in different morphological states and provides a comprehensive approach to identifying the structural and functional distinctions between various pituitary cell types. The book includes ultrastructural evaluations of the testis and epididymis after different experimental interventions to study the physiological correlations of the organs with spermatogenesis and the consequent structural deformities in sperm. An extensive section of different types of placentae is added for understanding the varied interactions of fetal and maternal tissues in the placental barrier. Placental types seen in bats, shrews, rodents, and monkeys are explained at the ultrastructural level to distinguish the tissue interrelationships within different placental layers. Detailed sketches have been provided to illustrate the correlations between the maternal and fetal tissues in different placental types for better understanding. This book is a ready reckoner and offers guidance to researchers and clinicians in understanding the cellular architecture and intracellular changes associated with various physiological states and clinical conditions of the pituitary, testis, epididymis, and placenta. This book offers assistance to all those using electron microscopy to evaluate cellular and tissue systems.
