

BIOLOGY

Mammalian Endocrinology and Male Reproductive Biology provides comprehensive and current coverage of the area of endocrinology and male reproductive biology, covering not just humans, but mammals in general. Written by international experts in their respective fields, this multi-author book also covers the latest developments in genomics of androgen action and male infertility.

The book begins by covering sexual dimorphism in the central nervous system; structure, control of secretion and function of GnRH; and gonadotropins of pituitary origin and their role in gonadal functions. This is followed by an account of hormonal regulation of spermatogenesis and the role of apoptosis in this process.

Subsequent chapters center around epididymis, regulation of growth and function, and sperm motility regulation. The last chapters in the book discuss the structure and function of male accessory sex glands with associated pathologies as well as recent updates in male contraception, mechanism of androgen action, and genomics of male infertility.

Wherever necessary, tables and figures have been added for a better understanding. Each chapter is appropriately referenced and contains current information on the latest developments in the field.



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6000 Broken Sound Parkway, NW
Suite 300, Boca Raton, FL 33487
711 Third Avenue
New York, NY 10017
2 Park Square, Milton Park
Abingdon, Oxon OX14 4RN, UK

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