

Contents

Preface	ix
Editor	xi
Contributors	xiii
1 Sexual Dimorphism in the Central Nervous System.....	1
DES GILMORE	
2 Mammalian Gonadotropin-Releasing Hormone	31
EDATHIL VIJAYAN	
3 Gonadotropins: Past, Present and Future	43
KAMBADUR MURALIDHAR, RAJESH CHAUDHURI, SHAH SADDAD HUSSAIN AND NIKKI KUMARI	
4 Endocrine Regulation of Spermatogenesis in Mammals.....	77
HANUMANTHAPPA KRISHNAMURTHY AND M. RAM SAIRAM	
5 Role of Apoptosis in Spermatogenesis	97
AMIYA P. SINHA HIKIM	
6 The Epididymis: Structure and Function	115
MOHAMMAD A. AKBARSHA, KUNNATHODI FAISAL AND ARUMUGAM RADHA	
7 Regulation of Growth and Function of Epididymides	167
NIRMALA SINGH YADUVANSHI, SHAYU N. DESHPANDE, VIJAYAKUMAR GOVINDARAJ AND A. JAGANNADHA RAO	
8 Role of Sperm Surface Molecules in Motility Regulation	197
GOPAL C. MAJUMDER, SUDIPTA SAHA, KAUSHIK DAS, DEBJANI NATH, ARUNIMA MAITI, SOUVIK DEY, DEBARUN ROY, CHINMOY SANKAR DEY, SUTAPA MITRA, AJAY RANA, JITAMANYU CHAKRABARTY, SUJOY DAS, ARPITA BHOUMIK, SASWATI BANERJEE, MAHITOSH MANDAL, BIJAY SHANKAR JAISWAL, PRASANTA GHOSH, ABHI DAS, DEBDAS BHATTACHARYYA AND SANDHYA REKHA DUNGUNG	

9	Male Accessory Sex Glands: Structure and Function.....	245
	MARGOT FLINT, DEBRA A. McALISTER, ASHOK AGARWAL AND STEFAN S. DU PLESSIS	
10	Reproductive Endocrinology and Contraception in the Male	259
	MANNENCHERIL RAJALAKSHMI, PRAMOD CHANDRA PAL AND RADHEY SHYAM SHARMA	
11	Molecular Mechanism of Androgen Action	285
	MAHENDRA KUMAR THAKUR	
12	Genomics of Male Infertility	299
	KIRAN SINGH AND RAJIVA RAMAN	
	Index	319