

Table of Contents

The Genital System	1
Embryology and Comparative Anatomy, Rodent Reproductive Tract V. H. FERM	3
The Ovary	9
Normal Structure and Function, Ovary, Hamster G. S. GREENWALD	11
<i>Neoplasms</i>	15
Granulosa/Theca Cell Tumor, Ovary, Rat A. MAEKAWA and Y. HAYASHI	15
Granulosa Cell Tumor, Ovary, Mouse R. H. ALISON and K. T. MORGAN	22
Sertoli's Cell Tumor, Ovary, Rat G. STOICA, C. C. CAPEN, and A. KOESTNER	30
Tubular Adenoma, Ovary, Mouse K. T. MORGAN and R. H. ALISON	36
Cystadenoma, Ovary, Mouse K. T. MORGAN and R. H. ALISON	42
Teratoma, Ovary, Mouse R. H. ALISON and K. T. MORGAN	46
Oviducts/Uterus	53
Fetal Development of Male and Female Genital Tract, Mouse K.-U. THIEDEMANN	55
<i>Neoplasms</i>	70
Stromal Sarcoma, Endometrium, Rat D. G. GOODMAN and P. K. HILDEBRANDT	70
Deciduomas in Rabbits Induced by a Combination of Estrogen and Progestin B. C. ZOOK	72
Papillary Adenoma, Endometrium, Rat D. G. GOODMAN and P. K. HILDEBRANDT	78
Adenocarcinoma, Endometrium, Rat D. G. GOODMAN and P. K. HILDEBRANDT	80

Squamous Cell Carcinoma, Endometrium/Cervix, Rat D.G. GOODMAN and P.K. HILDEBRANDT	82
Lesions of the Female Genital System Caused by Diethylstilbestrol in Humans, Subhuman Primates, and Mice L.D. JOHNSON	84
Adenoacanthoma, Uterus, Rat J.S. CAMPBELL	110
Leiomyoma and Leiomyosarcoma, Uterus, Rat H.A. SOLLEVELD	116
Teratoma, Uterus, Rat H. SOBIS	120
Yolk Sac Carcinoma, Rat H. SOBIS	127
Embryonal Carcinoma, Uterus, Rat H. SOBIS	134
Choriocarcinoma, Uterus, Rat H. SOBIS	138
Deciduoma, Uterus, Rat L. HART ELCOCK, B.P. STUART, R.E. MUELLER, and H.E. HOSS	140
Stromal Polyp, Endometrium, Rat D.G. GOODMAN and P.K. HILDEBRANDT	146
Transplacental Carcinogenesis, Mouse, Rat, Hamster U. MOHR, M. EMURA, M. AUF DER HEIDE, M. RIEBE, and H. ERNST	148
Vagina/Vulva	159
Structure, Cyclic Change, and Function, Vagina and Vulva, Rat Y.-D. YUAN and R.G. CARLSON	161
<i>Neoplasms</i>	<i>169</i>
Adenoma and Adenocarcinoma, Clitoral Gland, Rat G.A. PARKER and J. GRABAU	169
Testis	177
Spermatid Giant Cells, Tubular Hypospermatogenesis, Spermatogonial Swelling, and Cytoplasmic Vacuoles in Testes of Laboratory Rabbits D.G. MORTON, S.E. WEISBRODE, W.E. WYDER, J.K. MAURER, and C.C. CAPEN	179
<i>Neoplasms</i>	<i>184</i>
Interstitial Cell Tumor, Testis, Rat M.S. RAO and J.K. REDDY	184

Seminoma, Testis, Rat G. A. BOORMAN, S. REHM, M. P. WAALKES, M. R. ELWELL, and S. L. EUSTIS	192
Sertoli's Cell Tumor, Testis, Rat G. A. BOORMAN, D. P. ABBOTT, M. R. ELWELL, and S. L. EUSTIS	195
<i>Nonneoplastic Lesions</i>	200
Focal Interstitial Cell Hyperplasia, Testes, Rat G. A. BOORMAN, M. H. HAMLIN, II, and S. L. EUSTIS	200
Testicular Feminization, Testes, and Testicular Tumors, Rat, Mouse J. K. REDDY and M. S. RAO	204
Testicular Degeneration, Rat Y.-D. YUAN and K. McENTEE	212
Atrophy, Testis, Rat J. R. WRIGHT, JR.	218
Ductus Deferens/Epididymis	227
Histology and Ultrastructure, Glands of the Ductus Deferens (Ampullary Gland), Rat Y.-D. YUAN, R. G. ULRICH, and R. G. CARLSON	229
Adenomatous Hyperplasia, Rete Testis, Rat A. MAEKAWA and Y. HAYASHI	234
Accessory Male Sex Glands	237
Anatomy, Histology, and Ultrastructure (Correlation with Function), Prostate, Rat C. LEE and J. M. HOLLAND	239
<i>Neoplasms</i>	252
Adenocarcinoma, Prostate, Rat M. C. BOSLAND	252
Adenoma, Prostate, Rat M. C. BOSLAND	261
Hyperplasia, Prostate, Rat M. C. BOSLAND	267
Adenocarcinoma, Seminal Vesicle/Coagulating Gland, Rat M. C. BOSLAND	272
Adenoma and Adenocarcinoma, Preputial Gland, Rat G. A. PARKER and J. GRABAU	275
Granular Cell Tumors of Genital Organs, Mice E. KARBE	282

Nonneoplastic Lesions 287

Chronic Prostatitis, Rat
G. A. PARKER and J. GRABAU 287

Subject Index 290