



DAFTAR PUSTAKA

- Alagwu, E.A., Nneli, R.O. 2005. Effect of Ovariectomy On The levels of Plasma Sex Hormones In Albino Rats. *Nigerian Journal Of Physiological Sciences*. 20: 90-94.
- Babaei, P., Mehdizadeh, R., Ansar, M.M., Darmirchi, A. 2010. Effects of ovariectomy and estrogen replacement therapy on visceral adipose tissue and serum adiponectin levels in rats. *Menopause International*. 16: 100-104.
- Bacha, W.J., Bacha, L.M. 2000. *Color Atlas of Veterinary Histology*. Edisi ke 2. Lippincott Williams and Wilkins, Maryland. 227.
- Baki, H. 2013. Estrogen and Growth Hormone and their Roles in Reproductive Function. *IJAVA*. 5: 21-28
- Black, L.J., Sato, M., Rowley, E.R., Magee, D.E., Bekele, A., Williams, D.C., Cullinan, G.J., Bendele, R., Kauffman, R.F., Bensch, W.R., Frolik, C.A., Termine, J.D., Bryant, H.U. 1994. Raloxifene (LY139481 HCl) Prevents Bone Loss and Reduces Serum Cholesterol without Causing Uterine Hypertrophy in Ovariectomized Rats. *J. Clin. Invest.* 93: 63-69.
- Blesson, C.S., Masironi, B., Sahlin, L. 2012. Effects of selective estrogen receptor agonists on estrogen receptor expression in the uterus of ovariectomized rats. *Open Journal of Molecular and Integrative Physiology*. 2: 35-43.
- Cano, A., Hermenegildo, C. 2000. The endometrial effects of SERMs. *Human Reproduction Update*. 6: 244-254.
- Carbonel, A.A.F., Simoes, R.S., Santos, R.H.B.R., Baracat, M, C, P., Simoes, M, J., Soares-Junior, J.M. 2011. Effects of High- dose Isoflavones on Rat Uterus. *Rev Assoc Med Brass..* 57: 524-529.
- Chabner, B.A., Longo, D.L. 2010. *Cancer Chemotherapy and Biotherapy: Principles and Practice Edisi Kelima*. Wolters Kluwer, . 651.
- Chen, Y., Jia, X., Chen, J., Wang, J., Hu, M. 2008. The Pharmacokinetics of Raloxifene and Its Interaction with Apigenin in Rat. *Molecules*. 15: 8478-8487.
- Chung, D., Gao, F., Jegga, A.G., Das, S.K. 2014. Estrogen mediated epithelial proliferation in the uterus is directed by stromal Fgf10 and Bmp8a. *Molecular and Cellular Endocrinology*. 400: 48-60.
- Cui, J., Shen, Y., Li, R. 2013. Estrogen Synthesis and Signaling Pathways during aging: From periphery to Brain. *Trends in Molecular Medicine*. Vol 19 No 3: 197-209.



- Cunningham, J.G., Klein, B.G. 2007. *Textbook of Veterinary Physiology edisi ke 4*. Saunders Elsevier, Missouri. 487.
- Davis, B. Endometrial Stromal Polyps in Rodents: Biology, Etiology, and Relevance to Disease in Women. *Toxicology Pathology*. 40:419-424.
- Dayan, G., Lupien, M., Auger A., Anghel, S.I., Rocha, W., Croisetiere, S., Katzenellenbogen, J.A., Mader, S. Tamoxifen and Raloxifene Differ in Their Functional Interactions with Aspartate 351 of Estrogen Receptor α . *Molecular Pharmacology*. 70: 579-588.
- do Prado, R.F. Estrogen Deficiency and Bone Remodeling. *Austin Musculoskeletal Disord*. 1: 1001.
- Duschek, E.J.J., Gooren, L.J., Netelinbos, C. 2004. Clinical Study Effects of raloxifene on gonadotropin, sex hormones, bone turnover and lipid in healthy elderly men. *European Journal of Endocrinology*. 150:539-546.
- Eurell, J.A., Frappier, B.L. 2006. *Dellman's Textbook of Veterinary Histology*. Edisi ke 6. Blackwell Publishing Ltd, Oxford.267.
- Filant, J., Spencer, T.E. 2014. Uterine glands: Biological Roles in Conceptus Implantation, Uterine Receptivity and Decidualization. *Int. J. Dev. Biol*. 58: 107-116.
- Frandsen, R.D., Wilke, W.L., Fails, A.D. 2007. *Anatomy and Physiology of Farm Animals*. Edisi ke 7. Wiley-Blackwell, New Jersey. 245.
- Gaete, L., Tchernitchin, A.N., Bustamante, R., Villena, J., Lemus, I., Gidekel, M., Cabrera, G., Astorga, P. 2012. Daidzein–Estrogen Interaction in the Rat Uterus and Its Effect on Human Breast Cancer Cell Growth. *Journal of Medical Food*. 15: 1081-1090.
- Ganong, W.F. *Review of medical Physiology edisi ke 23*. McGraw-Hill Companies, New York.bab 23.
- Garcia-Perez, M.A., Noguera, R., de Val, R., Noguera, I., Hermenegildo, C., Cano, A. 2006. Comparative effects of estradiol, raloxifene, and genistein on the uterus of ovariectomized mice. *Fertility and Sterility*. 86: 1003-1005.
- Gupta, R., Singh, M., Kumar, M., Kumar, S., Singh,S.P. 2014. Anti-osteoporotic effect of *Urtica dioica* on ovariectomised rat. *IJRPB*. 2: 1015-1019.
- Guyton, A.C, Hall, J.E. 2006. *Textbook of Medical Physiology Edisi ke 11*. Elsevier Saunders, Philadelphia. 1016.
- Hadji, P. 2012. The evolution of selective estrogen receptor modulators in osteoporosis therapy. *Climacteric*. 15: 513-523.



- Hartiningsih, Anggaraini, D., Aji, D. 2012. Respons Matafisis Tulang Femur Distalis Tikus Ovariectomi yang Mengkonsumsi Kalsitriol. *Jurnal Kedokteran Hewan*. 6: 92-98.
- Hartiningsih, Anggraini, D. 2016. Ekspresi Tartrate- Resistant Acid Phosphate 5b Pada Epifisis Tulang Femur Tikus Ovariectomi Yang Mengkonsumsi Kombinasi Calcitriol dan Raloxifene. *Jurnal Veteriner*. 1: 1-10.
- Helmy, S.A., Emarah, H.A., Abdelrazek, H.M.A. 2014. Estrogenic Effect of Soy Phytoestrogens on the Uterus of Ovariectomized Female Rats. *Clinic Pharmacol Biopharmaceut*. 82: 2-7.
- Jadhav, D.H., Ramaa, S. 2012. Development and Validation of a UPLC-MS/MS Assay for Simultaneous Estimation of Raloxifene and its Metabolites in Human Plasma. *J Bioanal Biomed*. 4:61-67.
- Kardong, K.V. 2012. *Vertebrates Comparative Anatomy, Function, Evolution*. Edisi 6. Mc Graw Hill, New York. 570.
- Kazi, A.A., Koos, R.D. 2007. Estrogen-Induced Activation of Hypoxia-Inducible Factor-1, Vascular Endothelial Growth Factor Expression, and Edema in the Uterus Are Mediated by the Phosphatidylinositol 3-Kinase/Akt Pathway. *Endocrinology*. 148: 2363-2374.
- Koos, R.D. 2011. Minireview: Putting Physiology Back into Estrogens Mechanism of Action. *Endocrinology*. 152 (12): 4481-4488.
- Krinke, G., Bullock, G., Bunton, T. 2000. *The Laboratory Rat*. Massachusetts: Academic Press. 315.
- Kumar, V., Abbas, A.K., Fausto, N., Mitchell, R. 2007. *Robbins Basic Pathology*. Edisi ke 8. Saunder Elsevier, Philadelphia. 3.
- Kutuk, M.S., Goksedef, B.P.C. 2011. A Post Menopausal Woman Developed a Giant Endometrial Poly During Raloxifene Treatment. *Journal of Obstetric and Gynaecology*. 31: 672-673.
- Lindberg, M.K., Weihua, Z., Andersson, N., Moverare, S., Gao, H., Vidal, O., Erlandson, M., Windahl, S., Andersson, G., Lubahn, D.B., Carlsten, H., Dahlman-Wright, K., Gustafsson, J-A., Ohlsson, C. 2002. Estrogen receptor specificity for the effects of estrogen in ovariectomized mice. *Journal of Endocrinology*. 174: 167-178.
- Lusin, T.T., Stieger, B., Marc, J., Mrhar, A., Tronelj, J., Zavratinik, A., Ostanek, B. 2012. Organic anion transporting polypeptides OATP1B1 and OATP1B3 and their genetic variants influence the pharmacokinetics and pharmacodynamics of raloxifene. *Journal of Translational Medicine*. 10: 1-11.



- Maximov, P.Y., Lee T.M., Jordan V.C. 2013. The Discovery and Development of Selective Estrogen Receptor Modulators (SERMs) for Clinical Practice. *Current Clinical Pharmacology*. 8:135-155.
- Mirkin, S., Pickar, J.H. 2015. Selective estrogen receptor modulators (SERMs): A review of Clinical Data. *Maturitas*. 80: 52-57.
- Motoc, A., Jiga, L.P., Ionac, M., Raica, M. 2003. Microscopic and Vascular Morphometry Aspects at the Level of the Myometrium. *Timisoara Medical Journal*. 1.
- Munell, F., Suarez-Quian, C.A., Selva, D.M., Tirado, O.M., Reventos, J. 2008. Androgen-Binding Protein and Reproduction: Where Do We Stand?. *Journal of Andrology*. 23:598-609.
- Murray, R.K., Bender, D.A., Botham, K.M., Kennelly, P.J., Rodwell, V.W., Weil, P.A. 2009. *Harper's Biochemistry edisi ke 28*. The McGraw-Hill Companies, Inc, New York. 430-432.
- Nobuzane, T., Tashiro, S., Kudo, Y. 2008. Basic Science: Gynecology Morphologic Effects of epithelial ion channels on the mouse uterus: differences between raloxifene analog (LY117018) and estradiol treatments. *AJOG*. 03:363.e1-e6
- O'Malley, B. 2005. *Clinical Anatomy and Physiology of Exotic Species: Structure and Function of Mammals, Birds, Reptiles, and Amphibians*. Elsevier Saunders, Edinburg. 220.
- Parl, F.F. 2000. *Estrogens, Estrogen Receptor and Breast Cancer Edisi*. IOS Press, Amsterdam. 21.
- Rastogi, S.C. 2007. *Essentials of Animal Physiology edisi ke 4*. New Age International, New Delhi. 447.
- Rey, J.R.C., Cervino, E.V., Rentero, M.L., Crespo, E.C., Alvaro, A.O., Casillas, M. 2009. Raloxifene: Mechanism of Action, Effects on Bone Tissue, and Applicability in Clinical Traumatology Practice. *The Open Orthopaedics Journal*. 3:14-21.
- Saruhan, B.G., Ozbag, D., Ozdemir, N., Gumusalan, Y. 2006. Comparative Effects of Ovariectomy and Flutamid on Body-Uterus Weight and Uterine Histology in the Ovariectomized Rat Model. *VI International Symposium of Clinical Anatomy Varna*. 13: 221-226.
- Shang, Y. 2006. Molecular mechanism of oestrogen and SERMs in endometrial carcinogenesis. *Nature Publishing Group*. 6: 360-368.
- Shanle, E.K., Xu, W. 2011. Endocrine Disrupting Chemicals Targeting Estrogen Receptor Signaling: Identification and Mechanisms of Action. *Chem. Res. Toxicol*. 24: 6-19.



- Simpson, E., Rubin, G., Clyne, C., Robertson, K., O'Donnell, L., Jones, M., David, S. 2000. The Role of Local Estrogen Biosynthesis in Males and Females. *TEM*. Vol 11 No 5. 184-188.
- Soni, P., Siddiqui, A.A., Dwivedi, J., Soni, V. 2013. Antioviulatory and Estrogenic Activity of Stem of *Musa paradisiaca* in Female Albino Rats. *Journal of Applied Pharmaceutical Science*. 3: 102-106.
- Sritulasi, K., Gopalakrishnan, C.R., Vanithakumari, G. 2010. Antiestrogenic and antiprogesterational activity of methotrexate and its effect on uterine histoarchitecture of ovariectomized albino rats. *Bulletin*. 3: 127-136.
- Suckow, M.A., Weisbroth, S.H., Franklin, C.L. 2006. *The Laboratory Rat*. Edisi ke 2. Elsevier Academic Press, London. 113.
- Tartaglia, L., dan Waugh, A. 2002. *Veterinary Physiology dan Applied Anatomy A textbook for veterinary nurses and technicians*. Elsevier, Edinburg. 72.
- Thakare, M.T., Dhurvey, V.T. 2014. Histopathological Changes in the Uterus of Rats After an Administration of Sodium Fluoride. *IJSR*. 3:431-433.
- Tortora, G.J., Derrickson, B. 2009. *Principles of Anatomy and Physiology edisi ke 12*. John Wiley and Sons, Hoboken. 1112.
- Treuting, P.M., Dintzis, S.M., Frevert, C.W., Liggitt, D., Montine, K.S. 2012. *Comparative Anatomy and Histology A Mouse and Human Atlas*. Academic Press, New York. 264-268.
- Uebelhart, B., Herrmann, F., Pavo, I., Draper, M.W., Rizzoli, R. 2004. Raloxifene Treatment Is Associated With Increased Serum Estradiol and Decreased Bone Remodeling in Healthy Middle-Aged Men With Low Sex Hormon Levels. *J Bone Miner Res*. 19:1518-1524.
- Vigezzi, L., Bosquiazzo, V.L., Kass, L., Ramos, J.G., Munoz-de-Toro, M., Luque, E.H. 2015. Developmental exposure to bisphenol A alters the differentiation and functional response of the adult rat uterus to estrogen treatment. *Reproductive Toxicology*. 52: 82-92.
- Westwood, F.R. 2008. The Female Rat Reproductive Cycle: A Practical Histological Guide to Staging. *Toxicology Pathology*. 36: 376-384.
- Williams-Brown, M.Y., Salih, S.M., Veenstra, T.D., Saeed, M., Theiler, S.K., Diaz-Arrastia, C.R., Salama, A.S. 2011. The effect of tamoxifen and raloxifene on estrogen metabolism and endometrial cancer risk. *Journal of Steroid Biochemistry and Molecular Biology*. 126: 78-86.
- Wilson, G., Cimon, K.Y. 2010. NTP Non neoplastic Lesion Atlas Uterus-Endometrial Stromal Polyp. *Research of National Toxicology Program*.
- You, M., Rhuy, J., Jeong, K.S., Bang, M., Kim, M., Kim, H. 2014. Effect of St. John's Wort (*Hypericum perforatum*) on obesity, lipid metabolism and



uterine epithelial proliferation in ovariectomized rats. *Nutrition Research and Practice*. 8(3): 292-296.

Young, S.L. 2013. Oestrogen and progesterone action on endometrium : a translational approach to understanding endometrial receptivity. *Reproductive Biomedicine Online*. 27: 497-505.

Zhang, D., Yang, B., Zou, W., Lu, X., Xiong, M., Wu, L., Wang, J., Gao, J., Xu, S., Zou, T. 2013. Estradiol Synthesis and release in Cultured Female Rat Bone Marrow Stem Cells. *BioMed Research International*. 1-6.