DAFTAR PUSTAKA

Arai, M., Yoshioka S., Tasaki Y., Okuda K.., 2013. Remodeling of bovine endometrium throughout the estrous cycle. *Anim. Reprod. Sci*., 142:1– 9

Ariwati, D.L. 2013. Kajian Diameter Korpus Luteum, Ketebalan Endometrium dan Kadar Progesteron Terhadap Kesiapan Resipien Sapi Potong PO dan Crossbreed. *Tesis*. S2 Sain Veteriner Universitas Gadjah Mada. Yogyakarta.

Aryogi, Prihandini, P.W. dan Wijono, D.B. 2006. *Pola Pembibitan Sapi Potong Lokal Peranakan Ongole Pada Kondisi Peternakan Rakyat*. Loka Penelitian Sapi Potong. Grati. Pasuruan.

Affandhy, l.,. Situmorang, P., Prihandini, P.W.,. Wijono, D.B. 2003. Performans reproduksi dan pengelolaan sapi potong induk pada kondisi peternakan rakyat. *Pros. Seminar Nasional Teknologi Peternakan dan Veteriner*. Bogor, 29 – 30 September 2003. Puslibangnak, Bogor. hlm 37 – 42.

Azawi, O.I. 2008. Postpartum uterine infection in cattle. Review. *Animal Reproduction Science* (105): 187-208.

Baerwald, A.R. and Pierson, R.A., 2004. Endometrial development in association with ovarian follicular waves during the menstrual cycle. *Ultrasound Obstet. Gynec*., 24: 453– 460

Ball, P.J.H. and Peters, A.R. 2004. *Reproduction in Cattle*. Third edition. Blackwell Publishing.

Boer, M.,Veerkamp, R., Beerda, B., Woelders, H. 2010. Estrous behavior in dairy cows: Identification of underlying mechanisms and gene functions. *Animal : an international journal of animal bioscience* (4): 446-53.

Bonafos LD, Kot K, Ginther OJ. 1995. Physical characteristics of the uterus during the bovine estrous cycle and early pregnancy. *Theriogenology* 43: 713–721.

Bridges, G., Day, M., Geary, T., Cruppe, L. 2014. Triennial Reproduction Symposium: deficiencies in the uterine environment and failure to support embryonic development. *J Anim Sci*, 91:3002-3013.

Carson D.D. 2008. Molecular and cell biology of embryo-uterine interactions: mammalian embryo implantation. *Semin Cell Dev Biol* 19(2):160.

Casper, R.F., 2011. It's time to pay attention to the endometrium. *Fertil. Steril*. 96: 519–521

Ciftci, H.B. 2013. Estrogen and growth hormone and their roles in reproductive function. *International journal Animal Vet Adv*. 5(1): 21-28.

Couse J.F, Yates M.M, Deroo B/J & Korach K.S. 2005. Estrogen receptor-beta is critical to granulosa cell differentiation and the ovulatory response to gonadotropins. *Endocrinology* 146: 3247–3262

Dudi S.,Sumantri C., Harimurti M., Asep A. 2010. Sifat kualitatif dan kuantitatif kerbau lokal di Propinsi Banten. *Jurnal ilmu ternak*, vol 11, No. 2: 61-67.

Forde, N., M.E. Beltman, P. Lonergan, M. Diskin, J.F. Roche, M.A. Crowe. 2011. Oestrous cycles in Bos taurus cattle. *Journal Animal Reproduction Science* 124 :163–169.

Franco, H.L., Rubel, C.A., Large, M.J., Wetendorf, M., Fernandez-Valdivia, R., Jeong, J.W., Spencer, T.E., Behringer, R.R., Lydon, J.P., Demayo, F.J., 2011b. Epithelial progesterone receptor exhibits pleiotropic roles in uterine development and function. *FASEB* J. 26 (3), 1218–1227.

Frandson, R., Wilke, W.L. And Fails, A.D., 2003. *Anatomy and physiology of farm animals.* Lippincott Williams and Wilkins, Baltimore.

Gallerson, B., Brosens I.A., Brosens, J.J. 2007. Decidualization of the human endometriu: mechanism, function, and clinical perspective. *Smein Reprod. Med*: 445-453.

Gosh, R.K., 2006. *Text book of Veterinary Anatomy*. 4 th Edn. Current Books International, 60 Lenin Saranee, Kolkata, India.

Hafez ESE and Hafez B. 2008. *Reproduction in Farm Animals 7th*. Maryland: Lippincott William and Wilkins.

Huet-Hudson, Y.M., Andrews, G.K., Dey, S.K., 1989. Cell type- specific localization of c-myc protein in the mouse uterus: modulation by steroid hormones and analysis of the periimplantation period. *Endocrinology* 125 (3), 1683–1690.

Jabbour, H.N., Kelly, R.W., Fraser, H.M. And Critchley, H.O., 2006. Endocrine regulation of menstruation. *Endocr. Rev*., 27: 17-46

Jimenez-Krassel, F., Folger, J.K., Ireland, J.L.H., Smith, G.W., Hou, X., Davis, J.S., Lonergan, P., Evans, A.C.O. And Ireland, J.J., 2009. Evidence That high variation in ovarian reserves of healthy young adults has a negative impact on the corpus luteum and endometrium during estrous cycles in cattle. *Biol. Reprod*., 80: 1272– 1281

Johnson, M., Redmer, D., Reynolds, L. 1997. Effects of ovarian steroids on uterine growth, morphology, and cell proliferation in ovariectomized, steroid-treated ewes. *Biol Reprod,* 57:588-596.

Khalifa E, Brzyski RG, Oehninger S, Acosta AA, Muasher SJ. 1992. Sonographic appearance of the endometrium: the predictive value for the outcome of in-vitro fertilization in stimulated cycles. *Hum Reprod*; 7: 677–680.

Kupesic, S., Bekavac, I., Bjelos, D. And Kurjak, A., 2001. Assessment of endometrial receptivity by transvaginal color Doppler and 3 dimensional power Doppler ultrasonography in patient undergoing IVF procedures. *J. Ultrasound Med*., 20: 125-134

Lamming, G.E., Darwash, A.O. And Back, H.L., 1989. Corpus luteum function in dairy cows and embryo mortality. *J. Reprod. Fertil. Suppl.,* 37: 245–252

Lopez, H., Satter, L.D., Wiltbank, M.C. 2004. Relationship between level of milk production and estrous behavior of lactating dairy cows. *Anim Reprod Sci.,81:* 209-223

Madsen C.A., Perry G.A., Mogck C.L., Daly R.F., MacNeil M.D., Geary T.W. 2015. Effects of preovulatory estradiol on embryo survival and pregnancy establishment in beef cows. *Anim Reprod Sci* 158: 96-103.

Mardiningsih, D. 2007. Tingkat Produktivitas Tenaga Kerja Perempuan Pada Peternakan Sapi Perah Rakyat di Kecamatan Pakem Kabupaten Sleman. *Journal of Animal Agricultural Socio-economics,* Vol. III, No. 1.

Paria, B.C., Huet Hudson, Y.m., Dey, S.K., Blastocyst's state of activity determines the "windows" of implantation in the receptive mouse uterus. 1993. *Proc Natl. Acad. Sci*. USA 90 (21), 10159-10162

Pierson, R.A. And Ginther, O.J., 1987. Ultrasonographic appearance of the bovine uterus during the estrous cycle. *J. Am. Vet. Med. Assoc*., 190: 995–1001

Reynolds LP, Kirsch JD, Kraft KC, Knutson DL, McClaflin WJ, Redmer DA. 1998. Timecourse of the uterine response to estradiol-17beta in ovariectomized ewes: uterine growth and microvascular development. *Biol Reprod;* 59: 606–612.

Robertshaw I, Bian F, Das SK. 2016. Mechanisms of uterine estrogen signaling during early pregnancy in mice: an update. *J Mol Endocrinol*.;56(3):R127-38.

Roche, J.F., 1996. Control and regulation of folliculogenesis—a symposium in perspective. *Rev. Reprod*., 1: 19–27

Rockwell L.C, Pillai S, Olson C.E, Koos R.D. 2002. Inhibition of vascular endothelial growth factor/vascular permeability factor action blocks estrogen-induced uterine edema and implantation in rodents. *Biol Reprod* 67: 1804–1810.

Rogers, P.A., Lederman, F. and Taylor, N., 1998. Endometrial microvascular growth in normal and dysfunctional states. *Hum. Reprod. Update*., 4: 503–538

Royal, M.D., A.O. Darwash, A.P.F. Flint, R. Webb, J.A. Woolliams and G.E. Lammbing. 2000. Declining fertility in dairy cattle : changes in traditional and endocrine parameters of fertility. *Anim. Sci*. 70:487-501.

Santosa, S.I., Setiadi, A., Wulandari, R. 2013. Analisis potensi pengembangan usaha peternakan sapi perah dengan menggunakan paradigma agribisnis di Kecamatan Musuk Kabupaten Boyolali. *Buletin Peternakan*. 37 (2) : 125-135.

Sartori, R.; Bastos, M. R.; Baruselli, P.S.; Gimenes, L.U.; Ereno, R.L.; Barros, C.M. 2010. Physiological differences and implications to reproductive management of Bos Taurusand Bos indicus cattle in a tropical environment. *Soc Reprod Fer Suppl* (67): 357-375.

Sarwono, B. dan B. M. Arianto. 2006. *Penggemukan Sapi Potong Secara Cepat*. Edisi II. Penebar Swadaya, Jakarta.

Senger, P.L., 2011. *Pathways to pregnancy and parturition*, 2nd Edition. Current Conceptions Inc.

Setyorini, Y.W. 2017. Pengaruh gnrh, vitamin ade dan infusi iodium povidon pada sapi perah yang mengalami kawin berulang : kajian ukuran folikel, ketebalan endometrium, kadar estrogen dan tingkat kebuntingan. *Tesis*. S2 Sain Veteriner Universitas Gadjah Mada. Yogyakarta.

Sheldon, I. M., Cronin, J., Goetze, L., Donofrio, G., & Schuberth, H. J. (2009). Defining postpartum uterine disease and the mechanisms of infection and immunity in the female reproductive tract in cattle. *Biology of reproduction*, *81*(6), 1025-32.

Shimizu, T., Krebs, S., Bauersachs, S., Blum, H., Wolf, E., Miyamoto, A. 2010. Actions and interactions of progesterone and estrogen on transcriptome profiles of the bovine endometrium. *Physiol Genomics*, 42:290-300.

Silva, M. Urra F., Ratto M. 2018. Uterine endometrial vascularization during ovarian follicular growth in llamas: The effect of estradiol plasma concentration. *Theriogenology* 106: 164-169

Sirotkin, AV., Makarevich, AV., Kubovivova, E., Laurincik, J., Alwasel, S., Harrath, AH. 2018. Cow body condition affects the hormonal release of ovarian cell and their responses to gonadotropic and metabolic hormones. *Theriogenology*, Apr 1;110: 142-147.

Sood, P., Zachut, M., Dube, H., Muallem, U. 2015. Behavioral and hormonal pattern of repeat breeder cows around estrus. *Reproduction* 149(6): 545-554.

Souza, A.H., Silva, E.P.B., Cunha. A.P., Gümen, A., Ayres, H., Brusveen, D.J., Guenther, J.N. And Wiltbank M.C., 2011. Ultrasonographic evaluation of endometrial thickness near timed AI as a predictor of fertility in high-producing dairy cows. *Theriogenol*., 75: 722–733

Souza, A.H., Narciso, C.D., Batista, E.O.S., Carvalho, P.D., Wiltbank, M.C. 2014 Effect of uterine environment on embryo production and fertility in cows. *Anim Reprod* (11): 159-167.

Spencer, T.E., Sandra, O. and Wolf, E., 2008. Genes involved in conceptusendometrial interactions in ruminants: insights from reductionism and thoughts on holistic approaches. *Reprod.*, 135: 165-179

Sugiura, T., Akiyoshi, S., Inoue, F., Yanagawa, Y., Moriyoshi, M., Tajima, M., & Katagiri, S. 2018. Relationship between bovine endometrial thickness and plasma progesterone and estradiol concentrations in natural and induced estrus. *The Journal of reproduction and development*, *64*(2), 135-143.

Sunderland, S.J., Crowe, M.A., Boland, M.P., Roche, J.F. And Ireland, J.J., 1994. Selection, dominance and atresia of follicles during the oestrous cycle of heifers. *J. Reprod. Fertil*., 101: 547–555

Sunder, S., Lenton, E.A. 2000. Endocrinology of the peri-implantation period. *Baillieres Best Pract Res Clin Obstet Gynaecol*. Oct;14(5):789-800.

Tasaki, Y., Nishimura, R., Shibaya, M., Lee, H.Y., Acosta, T.J. And Okuda, K., 2010. Expression of VEGF and its receptors in the bovine endometrium throughout estrous cycle: effects of VEGF on prostaglandin production in endometrial cells. *J. Reprod. Dev*., 56: 223-229

Tozer, P. R., and A. J. Heinrichs. 2001. What affects the costs of raising replacement dairy heifers: A multiple-component analysis. *J. Dairy Sci*. 84:1836–1844.

Walters, A.H. & Bailey, T.L. & Pearson, R.E. & Gwazdauskas, Frank. 2002. Parity-Related Changes in Bovine Follicle and Oocyte Populations, Oocyte Quality, and Hormones to 90 Days Postpartum. *Journal of dairy science*. 85. 824-32

Wang, C.K., Robinson, R.S., Flint, A.P.F. And Mann, G.E., 2007. Quantitative analysis of changes in endometrial gland morphology during the bovine oestrous cycle and their association with progesterone levels. *Reprod*., 134: 365–371

Wood, G.A., Fata, J.E., Watson, K.L. And Khokha, R., 2007. Circulating hormones and estrous stage predict cellular and stromal remodelling in murine uterus. *Reprod*., 133: 1035-1044

Yang, J.H., Wu, M.Y., Chen, C.D., Jiang, M.C., Ho, H.N. And Yang, Y.S., 1999. Association of endometrial blood flow as determined by a modified colour doppler technique with subsequent outcome of *in-vitro* fertilization. *Hum. Reprod*., 14: 1606–1610

Zainudin, M., Ihsan, M., Suyadi, S. 2014. Efisiensi reproduksi sapi perah PFH pada berbagai umur di CV. Milkindo Berka Abadi Desa Tegalsari Kecamatan Kepanjen Kabupaten Malang. *Jurnal Ilmu-Ilmu Peternakan*, 24(3): 32-37.