

DAFTAR PUSTAKA

- Akusu, M.O., E. Nduka, and G.N. Egbunike. 2006. Peripheral Plasma Levels of Progesterone and Oestradiol-17 β of West African Dwarf Goat During the Oestrus Cycle. <http://www.ilri.egair.org>. diakses 24 Januari 2015.
- Alcivar, A.A., R.R. Maurertv, and L.L. Anderson. 1992. Endocrine changes in beef heifers superovulated with Follicle-Stimulating Hormone (FSH-P) or Human Menopausal Gonadotropin. *J. Anim. Sci.* 70: 224-231.
- Anonim. 2011. Female Anatomy-ovary. <http://www.ansci.wisc.edu>. Diakses 24 Januari 2015.
- Anonim. 2013. Follicles in Cows. <http://www.partners-inreproduction.com>. Diakses 24 Januari 2015.
- Amiruddin, T.N. Siregar, T. Armansyah, Hamdan, Arismunandar, dan M. Rifki. 2013. Level Steroid Sapi Aceh yang Diinduksi dengan Pregnant Mare's Serum Gonadotropin (PMSG) dan Follicle Stimulating Hormone (FSH). *Jurnal Kedokteran Hewan*. Vol 7 No.2.
- Armstrong, D.G. dan Webb, R. 1997. Ovarian follicular dominance: the role of intraovarian growth factor and novel proteins. *Reviews of Reproduction*, 2: 139-146.
- Arthur, G.H., David, E.N., Pearson H. 2001. *Veterinary Reproduction and Obstetrics*. 8th ed. Balliere Tindall. London.
- Astuti, P. 2000. Perbandingan Kadar Progesteron Yang Terkandung Dalam Berbagai Sampel (Darah, Air Susu, Urine) Menggunakan Teknik Radioimmunoassay. *Bulletin Peternakan*: 24 (2): 51-56.
- Ball, P.J.H and A.R. Peters. 2004. *Reproduction in Cattle*. Blackweel Publishing : Oxford.
- Berne, R.M dan Matthew, N.L., 1990. *Principle of Physiology*. United States of America. International Student Edition. America. 547-550, 600-601.
- Campbell, N.A., J.B. Reece, L.G. Mitchell and M.R. Taylor, 2003. *Biology*. Concept and Connections. Forth Edition. Benjamin Cummings. San Francisco.
- Chateu, D and E.M. Boehmn. 1995. Regulation of Differentiation and Keratin 10 Expression by Alltrans Retinoic Acid during Estrous Cycle in the Rat Vaginal Epithelium. *Cell and Tissue Research* 284 : 373 – 381.

- Cunningham, J.G. 2002. *Textbook of veterinary physiology*. Third Edition. Saunders. Philadelphia.
- Dellmann, H.D. and E.M. Brown, 1992. *Buku Teks Histologi Veteriner II*. Third Edition. Alih bahasa : R. Hartono. Penerbit UI. Jakarta
- Djojosoebagio, S. 1990. *Fisiologi Kelenjar Endokrin*, vol 1. Departemen Pendidikan dan Kebudayaan Direktorat Jenderal Pendidikan. Tinggi Pusat antar Universitas Ilmu Hayat. IPB, Bogor.
- Evans, R.M. 1988. *The steroid and thyroid hormone receptor superfamily*. Science ; 240: 889.
- Ganong, W.F. 2003. *Review of Medical Physiology*. International Edition. Mc Graw Hill Book. San Francisco.
- Gill G. 1987. *Biosynthesis, secretion, and metabolism of hormones* . In: Endocrinology and Metabolism, 2nd ed. McGraw-Hill ; 11 – 32
- Gordon, I. 2003. *Laboratory Production of Cattle Embryos*. 2nd ed. CAB International, UK.
- Guerin, J. F. 2003. Folliculogenesis and ovulation. *Reproductive Health*, 5: 15-23.
- Guyton, 2006. *Textbook of Medical Physiology*. Elsevier Saunders, Philadelphia.
- Hafez, B. and E.S.E. Hafez. 2000. *Reproduction in Farm Animals*. 7th. ed. Lea and Febiger Co., Philadelphia, USA.
- Hardjopranto, S. 1995. *Ilmu Kemajiran pada Ternak*. Airlangga University Press. Surabaya.
- Hartantyo, S. 1995. Calculation of percent progesterone in skim milk fraction when centrifugation temperature and butterfat of whole milk are known. *Bull. FKH-UGM*. Vol. XIV No. 2: 1-6.
- Hernawati. 2011. *Perbaikan Kinerja Reproduksi Akibat Pemberian Isoflavon dari Tanaman Kedelai*. Jurusan Pendidikan Biologi FPMIPA. Universitas Pendidikan Indonesia.
- Hiller, S.G. 1991. *Ovarian Endocrinology*. Blackwell Sci. Publ. London
- Jiang, J.Y., Macchiarelli, G., Miyabayashi, K., dan Sato, E. 2002. Follicular microvasculature in the porcine ovary. *Cell Tissue Res*. 310: 93-101.

- Johnson, M.H. dan B.J. Everitt, 1988. *Essential Reproduction*. Third Edition. Blackwell Sci. publ. London.
- Junqueira, L. C. dan Carneiro, J. 2005. *Basic histology*. Edisi ke-11. McGraw-Hill's. New York.
- Kor, N.M. dan Moradi, K. 2013. A review of biochemical metabolites concentration and hormonal composition of ovarian follicular fluid in domestic animals. *Annual Review & Research in Biology*, 3(3): 246-255.
- Lindsay, D.R., K.W. Entwistle., and A.A. Winantea. 1982. *Reproduction in Domestic Livestock in Indonesia*. Australian Vice. Chancellors Committee.
- Lonergan, P., H. Sharif, P. Monaghan, H. Wahid., M. Gallagher, and I. Gordon. 1991. The effect of follicle size on the type of bovine oocyte obtained for in vitro maturation. *Proceeding of Seventh Meeting of the European Embryo Transfer Association*. (Cambridge). 162.
- Murasawa, M., Takahashi, T., Nishimoto, H., Yamamoto, S., Hamano, S., and Tetsuka, M. 2005. Relationship Between Ovarian Weight and Follicular Population in Heifers. *Journal of Reproduction and Development*. Vol. 51, No. 5.
- McDonald, L.E. 2000. *Veterinary Endocrinology and Reproduction*. 3rd. Edition. Bailliere Tindall, London.
- McGree, E.A. dan Hsueh, A.J.W. 2000. Initial and cyclic recruitment of ovarian follicles. *Endocrine Reviews*, 21(2): 200-214.
- McNeil, W. 2013. Superovulatory Response of One Ovary is related to the Micro and Macroscopic Population of Follicles in the Contralateral Ovary of the Cow (1). <http://www.cheapmedicinechest.com/superovulatory-response-of-one-ovary-is-related-to-the-micro-and-macroscopic-population-of-follicles-in-the-contralateral-ovary-of-the-cow1.html>. Diakses tanggal 24 Januari 2015
- Noakes, D.E., Parkinson, T.J., dan England, G.C.W. 2001. *Arthur's veterinary reproduction and obstetrics*. W. B. Saunders. Philadelphia.
- Orsi, N.M., Gopichandran, N., Leese, H.J., Picton, H.M., dan Harris, S.E. 2005. Fluctuations in bovine ovarian follicular fluid composition throughout the oestrous cycle. *Reproduction*, 129: 219-228.
- Rahman, A.N.M.A., R.B. Abdullah., and W.E. Wan-Khadijah. 2008. *In vitro* maturation of oocytes with special reference to goat: A Review. *Biotechnol.* 7(4): 599-611.

- Rensis F.D. 2001. The Control Of Reproduction In Dairy Cow. *Animal Departement Of Health, Medicine Faculty Veterinar, Parma.*
- Revelli A., D.P. Luisa, S.M. Emanuela, M. Marco., and R. Paolo. 2009. Follicular fluid content and oocyte quality: from single biochemical markers to metabolomics. *Reproduct. Biol. Endocrinol.* 7(40): 1-13.
- Sadler, T.W. 1995. Embriologi Kedokteran. Edisi ke-5. Penerjemah: Susanto, I. judul buku asli: *Medical embryologi.* Edisi ke-5. Penerbit Buku Kedokteran E.C.G. Jakarta.
- Salisbury, G.W. dan N.L. Vandemark. 1985. *Fisiologi Reproduksi dan Inseminasi Buatan pada Sapi.* Gadjah Mada University Press. Yogyakarta.
- Scaramuzzi, R.J., N.R. Adams., D.T. Baird, B.K. Campbell., J.A. Downing., J. Findlay., K.M. Henderson., G.B. Martin., K.P. Macnatty., A.S. McNeilly., and C.G. Tsonis. 1993. *A model for follicle selection and the determination of ovulation rate in the ewe.* *Reprod. Fertile. Dev.* 5: 459-479.
- Siregar, T.N. 1998. Imduksi ovulasi kambing kacang prapuber dengan PMSG dan HCG. *Tesis.* Program Pascasarjana. UGM. Yogyakarta.
- Siregar, T.N. 2002. Pengukuran profil progesteron sebagai suatu metode diagnosis kebuntingan dini dan kelahiran kembar pada domba lokal. *Media Kedokteran Hewan* 18(2): 73-77.
- Siregar, T.N., Areuby., G. Riady., dan Amiruddin. 2004. Efek Pemberian PMSG Terhadap Respon Ovarium dan Kualitas Embrio Kambing Lokal Prepuber. *Media Kedokteran Hewan.* 20(3): 108-112.
- Siregar, T.N. 2006. *Fisiologi Reproduksi Hewan Betina.* Buku Ajar. Percetakan Universitas Syiah Kuala. Banda Aceh.
- Siregar, T.N. 2009. Profil Hormon Estrogen dan Progesteron pada Siklus Birahi Kambing Lokal. *J. Ked. Hewan.* Vol. 3 No. 2.
- Sitasiwi, A.J. 2008. *Hubungan Kadar Hormon Estradiol 17- β dan Tebal Endometrium Uterus Mencit (Mus musculus l.) selama Satu Siklus Estrus.* *Anatomi Fisiologi,* XVI (2). pp. 38-45.
- Speroff, L. dan Fritz M.A. 2005. *Hormone biosynthesis, metabolism and mechanism of action.* In *Clinical Gynecologic endocrinology and infertility.* Seven Ed. Lippincot Williams & Wilkins. Philadelphia. Hal 25-96.

- Suartini, N.K., I.G.N.B. Trilaksana., T.G.O. Pemayun. 2013. Kadar Estrogen dan Munculnya Estrus setelah Pemberian Buserelin (Agonis GnRH) pada Sapi Bali yang Mengalami Anestrus Postpartum Akibat Hipofungsi Ovarium. *Jurnal Ilmu dan Kesehatan Hewan*. Vol. 1, No. 2: 40-44.
- Tabatabaei, S. and M. Mamoei. 2011. Biochemical composition of blood plasma and follicular fluid in relation to follicular size in buffalo. *Comparative Clin. Patol.* 20: 441-445.
- Toelihere. M.R. 1995. *Fisiologi Reproduksi Ternak*. Penerbit Angkasa Bandung, Bandung.
- Ubaidullah, L.A.L., A. Sohail., S. Shoaib., and Y. Khan. 2009. *In vitro* maturation of oocyte in different maturation media containing oestrous buffalo serum, oestrus cow serum and follicular fluid buffalo. *Pakistan J. Zool.* 9: 213-218.
- Valdez, K.E., S.P. Cuneot., P.J. Gorden and A.M. Turzillo. 2005. The role of thecal androgen production in the regulation of estradiol biosynthesis by dominant bovine follicles during the first follicular wave. *J.Anim.Sci.* 83: 597-603.
- Vanwezel, I.L., dan Rodgers, R.J. 1996. Morphological characterization of bovine primordial follicles and their environment in vivo. *Boil Repro.* 55: 1003-1011.
- Webb, R., Garnsworthy, P.C., Gong, J.G. dan Armstrong, D.G. 2004. Control of follicular growth: Local interactions and nutritional influences. *Journal of Animal Science*, 82: 63-74.
- Widayati, D.T., D.H. Fatmawati, N. Ariesta, dan Kustono. 2014. Penggunaan Cairan Folikel dalam Media Maturasi In Vitro Oosit Kambing Bligon. *Jurnal Kedokteran Hewan*. Vol. 8 No. 1.
- Widiyono,I., P.P. Putro., Sarmin., P. Astuti., C.M. Airin. 2011. Kadar estradiol dan Progesteron Serum, Tampilan Vulva dan Sitologi Apus Vagina Kambing Bligon Selama Siklus Birahi. *Jurnal Veteriner*. Vol 12 No. 4: 263-268.
- Wilson, C.O. dan O. Gisvold. 1993. *Kimia Farmasi dan Medisinal Organik* bagian II. Edisi Ke-8. Philadelphia. Toronto. P 692.
- Wodzicka-Tomaszewska, M., I.K. Utama., I.G. Putu., dan T.D. Chaniago 1991. *Reproduksi, Tingkah Laku dan Produksi Ternak Indonesia*. Penerbit Gramedia Pustaka Utama. Jakarta.

Yamada, O., Abe, M., Takehana, K., Hiraga, T., Iwasa, K., dan Hiratsuka, T. 2002. Microvascular changes during the development of follicles in bovine ovaries: a study of corrosion casts by scanning electron microscopy. *Arch Histol Cytol.* 58: 567-574.

Yatim, W. 1994. *Reproduksi dan Embriologi*. Penerbit Tarsito Bandung. Bandung.