

DAFTAR PUSTAKA

- Aghani, G. 2013. Kadar Testosteron Serum Sapi Jantan Peranakan Limousin pada Pagi dan Sore Hari. Skripsi. Fakultas Kedokteran Hewan. Universitas Airlangga.
- Andriyanto, Rahmadani YS, Satyaningtjas AS, Abadi S. 2010. Gambaran hematologi domba selama transportasi : peran multivitamin dan meniran. *JUPI*.15: 172-177
- Bacha WJ, Bacha LM. 1990. *Color Atlas of Veterinary Histology*. Balado D, editor. 2nd Ed. Philadelphia: Lippincott Williams &Wilkins.
- Baldy, C. M. 1995. *Phatology Fisiology*. Penerbit Buku Kedokteran : Jakarta. 224 – 231.
- Blakely, J dan D. H. Bade. 1991. Ilmu Peternakan. Edisi Keempat. Terjemahan : B. Srigandono. Gajah Mada University Press, Yogyakarta.
- Dawson, W.R., and G.C. Whittow. 2000. Regulation of Body Temperature. Pages 343 – 379 in Sturkie's Avian Physiology. G. C. Whittow, ed. Academic Press, New York, NY
- Dellman HD, Brown EM. 1992. *Histologi Veteriner*. Ed ke-3. Jakarta: Universitas Indonesia Press.
- Dewi, A. S., Ondho, Y. S. dan Kurnianto, E. 2012. Kualitas Semen Berdasarkan Umur Pada Sapi Jantan Jawa. Universitas Diponegoro. 126-133.
- Duncan. J.R.K.W. Prase. 1977. *G'eterinarv Lahoratan_, Medicine. Clinical Pathology*. The Iowa state University Press. Ames. Iowa.
- Elizabeth. C.J. 2000. *Patofisiologi*. Buku Kedokteran EGC. Jakarta.
- Ekanem, A.P., Udoh, A.J., and InyangEtoh, A.P. 2012. Effect of Different Anticoagulants on Hematological Parameters of *Oreochromis niloticus*. *IJSAT* 2(6): 17-20. ISSN 2221-8386
- Evans, G. and W.M.C. Maxwell. 1987. *Salomon Artificial Insemination of Sheep and Goat*. Departement of Animal Husbandry. Sidney. 85-141.
- Frandsen, R.D. 1993. *Darah dan cairan tubuh lainnya. Anatomi dan Fisiologi ternak*. edisi ke4 Gajah Mada University Press.
- Frandsen, R.D. 1996. *Anatomi dan Fisiologi Hewan Ternak (Anatomy and Physiology of Farm Animal)*. 4th ed. Diterjemahkan oleh B. Srigandono

- dan K.Praseno. Disunting Soedarsono. Fakultas Peternakan Diponegoro. Penerbit Gajah Mada University Press. Yogyakarta. 752-791.
- Fitria, L., Illiy, L.L., Dewi, I.R. 2016. Pengaruh Antikoagulan dan Waktu Penyimpanan terhadap Profil Hematologis Tikus (*Rattus norvegicus* Berkenhout, 1769) Galur Wistar. Yogyakarta. Fakultas Biologi Universitas Gadjah Mada. Biosfera Vol 33: 22-30
- Ganong, W.F. 1995. Fisiologi Kedokteran (Review of Medical Physiology). Edisi 10. Diterjemahkan oleh Adji Dharma. Penerbit Buku Kedokteran EGC. Jakarta.
- Granner, D.K. 1997. Hormon Kelamin. Biokimia Harper. Edisi 20. Penerbit Buku Kedokteran EGC. Jakarta.
- Guyton. 1997. Sistem Hormon dan Fisiologi Tubuh. Yrama Widya. Bandung.
- Guyton AC, Hall JE. 1996. Buku Ajar Fisiologi Kedokteran. Setiawan I, penerjemah; Setiawan I, editor. Ed ke-9. Jakarta: Penerbit Buku Kedokteran EGC P.O. Terjemahan dari: Textbook of Medical Physiology.
- Guyton AC. 2008. Buku Ajar Fisiologi Kedokteran. Setiawan I, penerjemah; Setiawan I, editor. Ed ke-11. Jakarta:Puspa Swara. Terjemahan dari: Textbook of Medical Physiology.
- Hafez, E.S.E. 1970. Reproduction and Breeding Techniques for Laboratory Animals. Lea and Febiger. Philadelphia.
- Hardjopranjoto, S. 1995. Ilmu Kemajiran pada Ternak. Airlangga University Press. Surabaya.
- Hardjopranjoto, S. 1984. Fisiologi Reproduksi. Edisi 2. Fakultas Kedokteran Hewan. Universitas Airlangga. Surabaya.
- Helbig,L. 2005. Onset of Puberty and Seasonal Fertility in Bison bulls. Degree of Master of Science in the Department of Large Animal Clinical Sciences. Western College of Veterinary Medicine.University of Saskatchewan.Saskatoon
- Ismudiono, H. Anwar, P. Srianto, S.P. Madyawati, A. Samik dan E. Safitri. 2010. Fisiologi Reproduksi pada Ternak. Lab. Fisiologi Reproduksi. Fakultas Kedokteran Hewan. 135 hal.
- Ismoyowati, T. Yuwanta, J. H. P. Sidadolog, S. Keman. 2006. Performans Reproduksi Itik Tegal Berdasarkan Status Hematologis. Animal Production. Vol. 8, No. 2, 88-93.

- Jain NC. 1993. *Essentials of Veterinary Hematology*. Philadelphia: Lea &Febiger.
- Javed, M.T., Khan, A. And Ali, M. 2000. Influence os Season on Seminal Plasma Testosterone and oesterogenin healthy and abnormal buffalo bulls and their relationship with other semen parameters. *Vet. Arhiv*, 70:141-149.
- Jhonson MH, Everrit BJ. 1996. *Essential Reproduction*. Edisi ke-4. London: Blackwell Science.
- Kelly D, M. and T.H. Jones. 2013. Testosterone: a Vascular Hormone in Health and Disease. *Journal of Endocrinol*. 217 (3): R47-71.
- Kwon, W.S., M. S. Rahman, Myung G. P. 2014. Diagnosis and Prognosis of Male Infertility in Mammal: The Focusing of Tyrosine Phosphorylation and Phosphotyrosine Proteins. *Journal of Proteome Research*, 13(11).
- Luthfi, M., T. Susilawati, N. Isnaini. 2015. Perbedaan Kecepatan Pubertas Calon Pejantan Sapi P.O Yang Dipelihara Pada Kelompok Sex Yang Berbeda. Malang. Universitas Brawijaya.
- Martini F et al. 1992. *Fundamental of Anatomy and Physiology*. Welch K, editor. 2nd Ed. New Jersey: Prentice Hall Englewood Clin USA.
- Muktar, A. 2006. *Ilmu Produksi Ternak Perah*. UNS Press. Surakarta- Indonesia.
- Murray RK, Granner DK, Rodwell VW. 2003. *Biokimia Harper. 25th Edition*. Jakarta (ID): Buku Kedokteran EGC.
- Nalbandov.A.V. 1990. *Fisiologi Reproduksi pada Mamalia dan Unggas Edisi3*. Universitas Indonesia (UI-Press). Jakarta.
- Nemeth, N., F. Kiss, I. Furka, and I. Miko. 2010. Gender differences of blood rheological parameters in laboratory animals. *Clinical Hemorheology and Microcirculation*. 45(6):263-272.
- Partodihardjo.S. 1997. *Ilmu Reproduksi Hewan*. Mutiara Sumber Widya. Jakarta. 44-45
- Prince, Nancy A. 2006. *Infeksi Saluran Genital Ternak Jantan*. EGC. Jakarta.
- Prihatin, O. D. 2008. Performa reproduksi sapi FH betina di peternakan rakyat KPSBU dan BPPT-SP Cikole Lembang. Skripsi. Fakultas Peternakan, Institut Pertanian Bogor.
- Pohanka, M., Richard H., Ivan S., Luboslav S. 2002. Steroid Hormones in Human Semen With Particular Respect to Dehydroepiandrosterone and its Immunomodulatory Metabolites. *Endocrine Regulations*, Vol. 36, 79-86

- Radostits, O.M., Gay, C.C., Blood, D.C. and Hinchdliff, K.W. 2000. *Veterinary Medicine*, 9th edn. W.B. Saunders, London, pp. 1819-1822.
- Rajak, S.K., Tripathi, U.K., Aattupuram, N.M., et al. 2014. Relationship of Blood and Seminal Plasma Testosterone Concentrations with Semen Quality in Crossbred Bulls. *Indian J. Dairy Sci.* 67(2),
- Rayees, M., Mahendra S., Rachana S., Sunita T., Aasif A. S., Showkat A. B. 2018. Bovine Fertility as Regulated by Sperm Binding Proteins: A Review. *Asian J. Anim. Vet. Adv.*, 13: 6-13.
- Santos, M.D., Torres, C.A.A., Ruas, J.R.M. et al. Potencial reprodutivo de touros da raça Nelore submetidos a diferentes proporções touro:vaca. *Arquivo Brasileiro de Medicina Veterinária e Zootecnia*, v.56, n.4, p.497-503, 2004.
- Sherwood, L. 2007. *Human Physiology From Cells to Systems*. 6th Editon. Thomson Brooks/Cole. USA.
- Schmidt, W. and Nelson, B. 1990. *Animal Physiology*. Harper Collins Publisher, New York.
- Sikka, S. C., and Wang, R. 2008. Endocrine disruptors and estrogenic effects on male reproductive axis. *Asian J Androl* 2008;10 (1): 134–145
- Sudono, A., R. Fina Rosdiana dan B. S. Setiawan. 2004. *Beternak Sapi Perah Secara Intensif*. Agromedia Pustaka, Jakarta.
- Sugeng B. 1998. *Sapi Potong*. Jakarta: Penebar Swadaya.
- Sujono, A. 1991. *Nilai Hematokrit dan Konsentrasi Mineral dalam Darah*. Fakultas Peternakan. Institut Pertanian Bogor, Bogor.
- Sumaria. 2013. *Validation Method of Analysis of Imunoglobulin G in Skim Milk Powder using Enzym Link Immunosorbent Assay (ELISA)*. Bogor
- Suwarno, Ernawati R., Rahardjo A.P., Sianita N., Rahmahani J., Rantam F.A. 2003. 2004. *Prinsip Dasar, Optimalisasi dan Interpretasi Hasil Uji Elisa*. Laboratorium Virologi dan Imunologi, Fakultas Kedokteran Hewan. Universitas Airlangga.
- Souza, L.W.O., Andrade, A.F.C., Carvalho, E.C., et al. 2011. Correlation Between Sperm Characteristics and Testosterone in Bovine Seminal Plasma by Direct Radioimmunoassay. *Revista Brasileira de Zootecnia.*, v.40, n.12, p.2721-2724, 2011.
- Swenson et al. 1993. *Duke's Physiology of Domestic Animal*. 11th Ed. Ithaca and London: Cornell University Press.

- Toelihere, M.R. 1979. Fisiologi Reproduksi pada Ternak, Penerbit Angkasa, Bandung.
- Toelihere, M.R. 1981. Fisiologi Reproduksi pada ternak. Angkasa. Bandung.
- Toelihere, M.R. 2006. Pokok pokok pikiran seorang Begawan Reproduksi. Fakultas Kedokteran Hewan. Intitut Pertanian Bogor.
- Turner C.D and Bagnara J.T. 1988. Endokrinologi Umum Edisi ke-6. Airlangga University Press. Surabaya
- Tizard , I.R. 1988. Pengantar Imunologi Veteriner. Hardjosworo S, Penerjemah. Surabaya: Universitas Airlangga. Terjemahan dari: An. Introduction to Veterinary Immunology
- Thrall, M.A., D.C. Baker, and E.D. Lassen. 2004. Veterinary Hematology and Clinical Chemistry. Wiley-Blackwell, Iowa.
- Udiati, U. 2007. Menyerentakkan Berahi Domba Dan Kambing dengan Spons Progesteron. Warta Penelitian Dan Pengembangan Pertanian Vol.29,No.,3
- Villaverde, A.I.S.B., E.G. Fioratti, R.S. Ramos, J.C.P. Ferreira, J.C.C. Balieiro, M.D. Lopez. 2010. Relationship of Testosterone Concentration In Blood And Seminal Plasma To Sperm Production In Domestic Cat. Biology of Reproduction. Vol. 83, Pages 536.
- Virden, W.S., M.S. Lilburn, J.P. Thaxton, A. Corzo, D. Hoehler and M.T. Kidd. 2007. The Effect of Corticosterone-Induced Stress on Amino Acid Digestibility in Ross Broilers. Poultr. Sci. 86 : 338 – 342.
- Vitku, J., Lucie, K., and Richard H. 2017. Occurence and reproductive roles of hormones in seminal plasma. Basic and Clinical Andrology.
- Weigel, K.A. 2008. Genetic improvement of male and female fertility. <http://www.adsa.org/simposia/2003.86pdf>
- Wilson, B. J. 1981. Growth in Birds for Meat Production. In T. L. J. Laurence (ed). Growth in Animals. Butterworths, London Boston.
- Yuherman, Reswati, Yulianti F.K., Indahwati, and Khalil. 2017. Hematological and Mineral Profiles of Reproductive Failure of Exotic Breed Cattle in Payukumbuh, West Sumatra, Indonesia. Faculty of Animal Science Andalas University, Campus II Payakumbuh, West Sumatra, Indonesia.
- Zahrah. 1990. Pengaruh *Breed* terhadap Konsentrasi Eritrosit dan Hematokrit pada Sapi. Skripsi. Fakultas Kedokteran Hewan Universitas Syiah Kuala. Banda Aceh.