



DAFTAR PUSTAKA

- Alves, D.A. 2012. Pathology in Practice. *JAVMA* Vol. 241 (2): 185-187
- Bauer, B., R. Palme, I.H. Machatschke, J. Dittami and S. Huber. 2008. Non-invasive measurement of adrenocortical and gonadal activity in male and female guinea pigs (*Cavia aperea f. porcellus*). *General and Comparative Endocrinology* 156: 482-489
- Boccia, L., R. Di Palo, A. De Rosa, L. Attanasio, E. Mariotti and B. Gasparrini. 2007. Evaluation of buffalo semen by Trypan blue/Giemsa staining and related fertility *in vitro*. *Ital.J.Anim.Sci.* Vol. 6 (2): 739-742
- Boulpaep, E.L. and W.F. Boron. 2005. *Medical Physiology: a Cellular and Molecular Approach*. Elsevier. London. p. 1125
- Brooker, C. 2008. *Churchill Livingstone's Mini Encyclopaedia of Nursing*. Elsevier. Singapore. p. 712
- Carrell, D.T. and C.M. Peterson. 2010. *Reproductive Endocrinology and Infertility*. Springer. London. pp. 379-387
- Chinoy, M.R., J.D. Sharma, A.G. Sanjeevan, and N.J. Chinoy. 1983. Structural change in male reproductive organs and spermatozoa of scorbutic guinea pigs. *Proc. Indian nain. Sci. Acad.* B49: 628-635
- Cooper, T.G., Neuwinger J., Bahrs S. and E. Nieschlag. 1992. Internal Quality Control of Semen Analysis. *J. Fertility and Sterility* Vol. 58 (1): 172-178
- Corwin, E.J. 2008. *Handbook of Pathophysiology*. 3rd Edition. Lippincott Williams&Wilkins. New York. pp. 766-767
- Cupps, P.T. 1991. *Reproduction in Domestic Animals*. Academic Press. San Diego. pp. 178-190
- Endersby, J. 2007. *A Guinea Pig's History of Biology*. William Heinemann. London. pp. 5, 209-218
- Fitria, L. 2007. *Produksi Testosteron Mencit (Mus musculus) Setelah Pemberian Ekstrak Kuda Laut (Hippocampus kuda Bleker 1852)*. Tesis: Sekolah Pascasarjana Universitas Gadjah Mada. Yogyakarta
- Fitria, L., C.M. Tiraya dan A.S. Budi. 2008. *Profil Reproduksi Jantan Tikus Putih (Rattus norvegicus L.) Galur Wistar Stadium Juvenil, Pradewasa, Dewasa*. Hibah Penelitian Dosen Muda Dana DIPA Tahun Anggaran 2008. LPPM-UGM. Yogyakarta



- Friend, D.S. and D.W. Fawcett. 1974. Membrane Differentiation in Freeze-Fractured Mammalian Sperm. *The Journal of Cell Biology* Vol. 63: 641-644
- Gatenby, J.B. and S.B. Wigoder. 1929. The Post-Nuclear Body in the Spermatogenesis of *Cavia cobaya*, and other Animals. *Proc. R. Soc. Lond. B* 104: 471-480
- Gomez, K.A dan A.A Gomez. 2007. *Prosedur Statistika Untuk Penelitian Pertanian*. Edisi 2. UI Press. Jakarta
- Harkness, J.E., K.A. Murray and J.E. Wagner. 2002. *Laboratory Animal Medicine*. 2nd Edition. Academic Press. California. pp. 209-210
- Hubrecht, R. and J. Kirkwood. 2010. *The Care and Management of Laboratory and Other Research Animals*. 8th Edition. Blacwell Publishing Ltd. Oxford. p. 388
- Integrated Taxonomic Information System. 2014. *Cavia porcellus* (Linnaeus, 1758) Taxonomic Serial No.: 584713. http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=584713. Diakses pada 8 Maret 2014
- Junqueira, L.C. and J. Carneiro. 2005. *Basic Histology : Text & Atlas*. 11th Edition. McGraw-Hill. New York
- Keel, B.A. and B.W. Webster. 1990. *Handbook of The Laboratory Diagnosis and Treatment of Infertility*. CRC Press. Florida. p. 50
- Lewis, E.M., M.B. Carlson and A.M. Hoberman. 2013. Reproductive and Developmental Assessment in an Alternate Rodent Species : The Guinea Pig (*Cavia porcellus*). *Charles River : European Teratology Society*, September 2013
- Lindsay, B. and G. Medes. 2005. Histological Changes in The Testis of The Guinea Pig During Scurvy and Inanition. *American Journal of Anatomy* Vol. 37 (2): 213-235
- Mann, T. and C. Lutwak-Mann. 1981. *Male Reproductive Function and Semen*. Springer-Verlag. New York. p. 242
- McManus, J.F.A. and R.W. Mowry. 1960. *Staining Methods: Histological and Histochemical*. Paul H. Houber Inc. New York
- Mina, C.G. and D. Morel. 2008. *Equine Reproductive Physiology, Breeding and Stud Management*. 3rd Edition. CABI Publisher. London. pp. 23-26



- Mulcahy, J.J. 2006. *Male Sexual Function : A Guide to Clinical Management*. 2nd Edition. Humana Press. New Jersey. p. 124
- Nieschlag, E. 2001. *Andrology : Male Reproductive Health and Dysfunction*. 2nd Edition. Springer. Berlin. pp. 28-31
- Nieschlag, E. and H.M. Behre. 2004. *Testosteron*. 3rd Edition. Cambridge University Press. Cambridge. pp. 1-29
- Noonan, D. 1994. The Guinea Pig (*Cavia porcellus*). *ANZCCART News* Vol. 7 (3): 1-8
- Petrylak, A. 2010. *Guinea Pigs*. Marshall Cavendish Corporation. New York. pp. 31-33
- Rizk, B.R. and H. N. Sallam. 2012. *Clinical Infertility and in Vitro Fertilization*. Jaypee Brother Medical Publisher. New Delhi. p. 83
- Robert, A., K. Djavaheri-Tehrani and P. Delost. 1978. Development of seminiferous tubules in guinea pigs during puberty. *C. R. Seances Soc. Biol. Fil.* 172 (5): 912-918
- Roosen-Runge, E.C. 1977. *The Process of Spermatogenesis in Animals*. Cambridge University Press. Cambridge. pp. 1-10
- Rouge, M. 2002. *Counting Cells with a Hemacytometer*. <http://www.vivo.colostate.edu/hbooks/reprod/semeneval/hemacytometer.html>. Diakses pada 28 Mei 2014
- Sacher, R.A. and R.A. McPherson. 2000. *Widmann's Clinical Interpretation of Laboratory Tests*. 11th Edition. Davis Company. Pennsylvania. pp. 531-534
- Salisbury, G.W. and N.L. Van Demark. 1961. *Physiology of Reproduction and Artificial Insemination of Cattle*. Freeman. London. pp. 350-380
- Samper, J.C. 2009. *Equine Breeding Management and Artificial Insemination*. 2nd Edition. Saunders Elsevier. Missouri. p. 58
- Sherwood, L. 2010. *Human Physiology : From Cells to Systems*. 7th Edition. Brooks/Cole. Belmont. pp. 749-755
- Steckler, T., N. H. Kalin and J. M. H. M. Reul. 2005. *Handbook of Stress and the Brain: Stress: integrative and clinical aspects*. Elsevier. London. p. 125
- Suckow, M.A., K.A. Stevens and R.P. Wilson. 2012. *The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents*. Elsevier. London. pp. 561-565



- Tambralo, L.J. and R.E. Fish. 2011. *GUINEA PIGS: Biology and Use in Research*. Laboratory Animal Medicine University of Missouri. Missouri. pp. 3-4
- Tung, K.K., A. Okada and R. Yanagimachi. 1980. Sperm Autoantigens and Fertilization : Effect of antisperm autoantibodies on rouleau formation, viability, and acrosome reaction of guinea pig spermatozoa. *Biology of Reproduction* Vol. 23: 877-886
- Vanderlip, S.L. 2003. *The Guinea Pig Handbook*. Barron's Educational Series, Inc. New York. pp. 13-14
- Von Euler, U.S. and H. Heller. 1963. *Comparative Endocrinology*. Academic Press. London. p. 188
- Wagner, J.E. and P.J. Manning. 1976. *The Biology of The Guinea Pig*. Academic Press. London. pp. 9, 31-32
- Webster, S.H. and E.J. Liljegren. 1947. Organ : Body weight ratios for certain organs of laboratory animals. *Am J Anat* Vol. 81 (3): 477-513
- Yeh, P.J. and T.D. Price. 2004. Adaptive Phenotypic Plasticity and the Successful Colonization of a Novel Environment. *The American Naturalist* Vol. 164 (4): 531-542