

**DAFTAR PUSTAKA**

- Arjun, K. S., and Ramesh, P. S. 2008. *A Textbook Botany: Thallophyta (Algae, Fungi, Bacteria, Virus, and Lichenes)*, vol 1 ed. Rev ke-8. New Delhi: Ratan Prakasa Mandiri, Education and University Publisher.
- Arzt, E. 2001. Gp130 cytokine signaling in the pituitary gland: a paradigm for cytokine-neuro-endocrine pathways. *Journal of Clinical Investigation*. 108:1729–1733.
- Ascoli, M., and Puett, D. 2008. *The Gonadotropin Hormones and Their Receptors, 6th of Yen and Jaffe edition*. Philadelphia (PA): Elsevier Publishing.
- Banks, W. A., Ortiz, L., Plotkin, S. R., and Kastin, A. J. 1991. Human interleukin (IL) 1 alpha, murine IL-1 alpha and murine IL-1 beta are transported from blood to brain in the mouse by a shared saturable mechanism. *Journal of Pharmacology and Experimental Therapeutics*. 259:988-996.
- Benveniste, E. N. 1998. Cytokine actions in the central nervous system. *Cytokine Growth Factor Review*. 9:259-275.
- Bethin, K. E., Vogt, S. K., and Muglia, L. J. 2000. Interleukin-6 is an essential, corticotropin-releasing hormone-independent stimulator of the adrenal axis during immune system activation. *PNAS*. 97:9317–9322.
- Blatteis, C. M. 1992. Role of the OVLT in the febrile response to circulating pyrogens. *Progress in Brain Research*. 91:409-412.
- Bowen, R. 2004. Gonadotropin: luteinizing and follicle stimulating hormones. <http://www.vivo.colostate.edu/hbooks/pathphys/endocrine/hypopit/lhfsh.html>. Diakses 04 Juni 2014.
- Caligioni, C. S., and Franci, C. R. 2002. Oxytocin secretion induced by osmotic stimulation in rats during the estrous cycle and after ovariectomy and hormone replacement therapy. *Life Sciences*. 71:2821–2831.
- Cheng, K. F., and Leung, P. C. 2008. General review of polysaccharopeptides (PSP) from *Coriolus versicolor*. *Journal of Medicine*. 6:117-130.
- Chover-Gonzalez, A. J., Lightman, S. L., and Harbuz M. S. 1994. An investigation of the effects of interleukin-1 beta on plasma arginine vasopressin in the rat: role of adrenal steroids. *Journal of Endocrinology*. 142:361-366.

- Chu, K. K., Ho, S. S., and Chow, A. H. 2002. *Coriolus versicolor*: a medicinal mushroom with promising immunotherapeutic values. *Journal of Clinical Pharmacology*. 42:976-984.
- Claudio, L., Martiney, J. A., and Brosnan, C. F. 1994. Ultrastructural studies of the blood-retina barrier after exposure to interleukin-1 beta or tumor necrosis factor-alpha. *Laboratorium Investigation*. 70(6):850-61.
- Cooper, R. L., Goldman, J. M., and Vandenberg, J. G. 1993. Monitoring of the estrous cycle in the laboratory rodent by vaginal lavage. In: *Methods in toxicology female reproductive*. *Toxicology, editions by Heindel JJ, Chapin RE*, vol 3 B 57-8. San Diego: Academic Press.
- Cui, J., and Chisti, Y. 2003. Polysaccharopeptides of *Coriolus versicolor*: physiological activity, uses, and production. *Journal of Biotechnology advances*. 21(2):109-22.
- Dellmann, H. D., and Brown, E. M. 1992. *Buku Teks Histologi Veteriner II*. Third Edition. Alih bahasa: R. Hartono. Jakarta: Penerbit UI. Jakarta.
- Dewick, and Paul, M. 2002. *Medicinal Natural Products: A Biosynthetic Approach*. New York: Wiley. p. 244.
- Fleshner, M., Goehler, L. E., Hermann, J., Relton, J. K., Maier, S. F., and Watkins, L. R. 1995. Interleukin-1 beta induced corticosterone elevation and hypothalamic NE depletion is vagally mediated. *Brain Research Bulletin*. 37:605-610.
- Freeman, M. E. 1994. *The Neuroendocrine Control of The Ovarian Cycle in The Rat*. In: *Knobil, E.; Neill, JD., editors*. Physiology of Reproduction. Raven. p. 613-658.
- Gallowitsch-Puerta, M., and Pavlov, V. A. 2007. Neuro-immune interactions via the cholinergic anti-inflammatory pathway. *Life Sciences*. 80:2325-2329.
- Ganong, W. F. 2003. *Review of Medical Physiology*. International Edition. San Francisco: Mc Graw Hill Book.
- Gautron, L., Lafon, P., Tramu, G., and Laye, S. 2003. In vivo activation of the interleukin-6 receptor/gp130 signaling pathway in pituitary corticotropes of lipopolysaccharide-treated rats. *Neuroendocrinology*. 77:32-43.
- Hamburg, R. 2005. *Ovulation Induction and Controlled Ovarian Stimulation – A Practical Guide*. Now Informa.
- Hillhouse, E. W. 1994. Interleukin-2 stimulates the secretion of arginine vasopressin but not corticotropin-releasing hormone from rat hypothalamic cells in vitro. *Brain Research*. 650:323-325.

- Ho, C. Y., Kim, C. F., Lueng, K. N., Fung, K. P., Tse, T. F., Chan, H., and Lau, C. B. S. 2006. *Coriolus versicolor* extract induces apoptosis in leukemia cell through mitochondrial pathway. *Oncology Report*. 16(3):609-16.
- Jian, X. Z., Huang, L. M., Zhou, Y. F., and Wang, M. M. 1999. Subchronic toxicity test of polysaccharopeptide of Yun Zhi (PSP), International symposium on traditional Chinese medicine and cancer development and clinical validation. *Advance Research in PSP*. 274-284.
- Kidd, P. M. 2000. The use of mushroom glucans and proteoglycans in cancer treatment. *Alternative Medicine Review*. 5(1):4-27.
- Kirby, E. D. 2009. Stress increases putative gonadotropin inhibitory hormone and decreases luteinizing hormone in male rats. 106(27):11324-9.
- Kriegsfeld, L. J. 2006. Identification and characterization of a gonadotropin-inhibitory system in the brains of mammals. *Proceedings of the National Academy of Science*. 103(7):2410-5.
- Lightman, S. L., Windle, R. J., Ma, X. M., Harbuz, M. S., Shanks, N. M., Julian, M. D., Wood, S. A., Kershaw, Y. M., and Ingram, C. D. 2002. Hypothalamic-pituitary-adrenal function. *Archives of Physiology and Biochemistry*. 110:90-93.
- Loomis, T. 1987. *Essential of Toxicology*. Philadelphia.
- Loret de Mola J. R., Goldfarb JM, Hecht BR, Baumgardner GP, Babbo CJ, and Friedlander MA. 1998. Gonadotropins induce the release of interleukin-1 beta, interleukin-6 and tumor necrosis factor-alpha from the human preovulatory follicle. *American Journal of Reproduction Immunology*. 39:387-90.
- Lyson, K., and McCann, S. M. 1991. The effect of interleukin-6 on pituitary hormone release in vivo and in vitro. *Neuroendocrinology*. 54:262-266.
- Marcondez, F. K., Bianchi, F. J., and Tanno, A. P. 2002. Determination of the estrous cycle phases of rats: some helpful considerations. *Brazilian Journal of Biology*. 62:609-614.
- Murtini, J. T., Priyanto, N., dan Siregar, T. H. 2010. Toksisitas Subkronik Alginat Pada Histopatologi Hati, Ginjal dan Lambung Mencit. *Jurnal Bioteknologi Kelautan dan Perikanan*. Vol 5:2.
- Nalbandov, A. V. 1990. *Fisiologi Reproduksi Pada Mamalia dan Unggas*. Terjemahan edisi ketiga. Jakarta: Universitas Indonesia (UI-Press).
- Noguchi, K., Tanimura, H., Yamaue, H., Tsunoda, T., Iwahashi, M., Tani, M., Mizobata, S., Hotta, T., Arii, K., and Tamai, M. 1995. Polysaccharide

- preparation PSK augments the proliferation and cytotoxicity of tumor-infiltrating lymphocytes in vitro. *Anticancer Research*. 15: 255-258.
- Ooi, V. E., and Liu, F. 2000. Immunomodulation and anti-cancer activity of polysaccharide–protein complexes. *Current Medicinal Chemistry*. 7:715–29.
- Pratap, K., and Sameer, F. S. 2011. Luteinizing hormone and its dilemma in ovulation induction. *Journal of Humanology Reproduction Science*. 4(1): 2–7.
- Rayburn, D. 2007. *Let's Get Natural With Herb*. United States: Ozark Mountain Publishing.
- Renner, U., Pagotto, U., Arzt, E., and Stalla, G. K. 1996. Autocrine and paracrine roles of polypeptide growth factors, cytokines and vasogenic substances in normal and tumorous pituitary function and growth. *A Review of European Journal of Endocrinology*. 135:515–532.
- Rochiman, K. 1989. *Dasar Perancangan Percobaan dan Rancangan Acak Lengkap*. Surabaya: Universitas Airlangga.
- Sarkar, D. K., Chiappa, S. A., and Fink, G. 1976. Gonadotropin-releasing hormone surge in prooestrous rats. *Nature*. 264:461–463.
- Soothill, E., and Fairhurst, A. 1978. *The New Field Guide to Fungi*. Michael Joseph, London. pp. 191.
- Suda, T., Tozawa, F., Ushiyama, T., Sumitomo, T., Yamada, M., and Demura, H. 1990. Interleukin-1 stimulates corticotropin-releasing factor gene expression in rat hypothalamus. *Endocrinology*. 126:1223-1228.
- Tamura, K., Kawaguchi, T., Hara, T., Takatoshi, S., Tohei, A., Miyajima, A., Seishi, T., and Kogo, H. 2000. Interleukin-6 decreases estrogen production and messenger ribonucleic acid expression encoding aromatase during in vitro cytodifferentiation of rat granulosa cell. *Molecular Cell Endocrinology*. 170:103–111.
- Tebar, M., Ruiz, A., and Sanchez-Criado, J. E. 1998. Involvement of estrogen and follicle-stimulating hormone on basal and luteinizing hormone (LH)-releasing hormone-stimulated LH secretion in RU-486-induced 3-Day estrous cycle in the Rat. *Biology of Reproduction*. 58:615-619.
- Tsigos, C., and Chrousos, G. P. 2002. Hypothalamic-pituitary-adrenal axis, neuroendocrine factors and stress. *Journal of Psychosomatic Research*. 53:865-871.

- Ulloa-Aguirre, A., Timossi, C., Barrios-de-Tomasi, J., Maldonado, A., and Nayudu, P. 2003. Impact of carbohydrate heterogeneity in function of FSH: studies derived from *in vitro* and *in vivo* models. *Biology of Reproduction*. 69: 379-389.
- Wahyuningsih, S. P. A. 2006. Pemanfaatan Ekstrak Jamur *Coriolus versicolor* sebagai Imunomodulator Respon Imun Non-spesifik pada Tikus Putih Akibat Infeksi *M. tuberculosis*. Lembaga Penelitian Universitas Airlangga, Penelitian DIPA Universitas Airlangga.
- Wahyuningsih, S.P.A., dan Darmanto, W. 2010. Uji Toksisitas Akut Polisakarida Krestin dari *Coriolus versicolor*, Penelitian strategis, Lembaga Penelitian Universitas Airlangga, Surabaya.
- Wahyuningsih, S. P. A., Darmanto, W., dan Wiqoyah, N. 2009. Bioaktivitas Polisakarida Krestin dari Ekstrak Jamur *Coriolus versicolor* sebagai Imunomodulator Respon Imun Akibat Infeksi *Myobacterium tuberculosis*. Lembaga Penelitian Universitas Airlangga, Hibah Penelitian Strategis Nasional.
- Walmer, D. K., Wrona, M. A., Hughes, C. L., and Nelson, K. G. 1992. Lactoferrin expression in the mouse reproductive tract during the natural estrous cycle: correlation with circulating estradiol and progesterone. *Endocrinology*. 131:1458–1466.
- Zenclussen, M. L., Casalis, P. A., Jensen, F., Woidacki, K., and Zenclussen, A. C. 2014. Hormonal fluctuations during the estrous cycle modulate hemeoxygenase-1 expression in the uterus. *Endocrinology*. 5:32.
- Zhang, J. S., Han, W. W., and Pan, Y. J. 2001. Studies on chemical structure of polysaccharide from fruit body of *Coriolus versicolor*. *Acta Pharmaceutica Sinica*. 36:664-667.
- Zhou, X. H., Jiang, Lin, J., and Tang, K. 2007. Cytotoxic activities of *Coriolus versicolor* (Yunzhi) extracts on human liver cancer and breast cancer cell line. *National Library of Medicine, Current Medical Chemistry*.