# DAFTAR PUSTAKA


Ader R, Cohen N, Felten D. (1995). *Psychoneuroimmunology: Interactions between the nervoussystem and the immune system*. Lancet 345, pp:99–103.

Adolphs, R., (2013). The biology of fear. Curr. Biol. 23, 79–93

Agustina KK. (2015). Kesejahteraan Hewan Laboratorium. Denpasar: Laboratorium Kesehatan Masyarakat Veteriner. Fakultas Kedokteran Hewan. Universitas Udayana.Postpartum. *Maternity and Neonatal*, *2*(1), 23-29.

Ambore B, Ravikanth K, Maini S, Rekhe DS. (2009). Haematological profile and growth performance of goats under transportation stress. *Veterinary World* 2(5): 195-198.

Andria, A. (2015). Pengaruh Stres Terhadap Kadar Hormon Progesteron Pada Tikus Wistar Postpartum. *Maternity and Neonatal*, 2(1), 23-29.

Anthony, A., Ackerman, E., & Lloyd, J. A. (1959). Noise stress in laboratory rodents. I. Behavioral and endocrine response of mice, rats, and guinea pigs. *The Journal of the Acoustical Society of America*, *31*(11), 1430-1437.

Arai, I., Tsuyuki, Y., Shiomoto, H., Satoh, M., & Otomo, S. (2000). Decreased body temperature dependent appearance of behavioral despair in the forced swimming test in mice. Pharmacological Research, 42(2), 171-176.

Archer RK, Jeff Cott LB, Lehmann H. (1997). *Comparative Clinical Hematology*. London (GB): Williams and Wilkins Company Baltimore.

Ardina R dan Rosalinda S. (2018). Morfologi eosinofil pada apusan darah tepi menggunakan pewarnaan giemsa, wright, dan kombinasi wright-giemsa. *Jurnal Surya Medika*. 3(2): 5-12.

Arjunan, A., & Rajan, R. (2019). Effect of noise stress-induced neurobehavioral changes on wistar albino rats. *Asian Journal of Pharmaceutical and Clinical Research*, 10, 78-82.

Astutik W, Kuswati E. (2014).Efektivitas pemberian jus kulit manggis terhadap kadar hormon kortisol pada mencit (mus musculus) yang mengalami stres. *Jurnal Skala Husada*.11(1):91–5.

Atrooz, F., Alkadhi, K. A., & Salim, S. (2021). Understanding stress: Insights from rodent models. *Current Research in Neurobiology*, 2, 100013.

Bähr A, Wolf E. (2012). *Domestic animal models for biomedical research*. Reproduction in Domestic Animals 47: 59-71

Bale TC, Kuo FL, Vale WW. (2002). The role of corticotropic-releasing-factor receptors in stress and anxiety. *Integrative and Comparative Biology* 42(3): 552-5.

Brotman, D. J., Golden, S. H., & Wittstein, I. S. (2007). *The cardiovascular toll of stress*. The Lancet, 370(9592), 1089–1100.

Carli, G., & Farabollini, F. (2022). Tonic immobility as a survival, adaptive response and as a recovery mechanism. *Progress in Brain Research*, 271(1), 305-329.

Cavigelli, S. A., Bao, A. D., Bourne, R. A., Caruso, M. J., Caulfield, J. I., Chen, M., & Smyth, J. M. (2018). Timing matters: the interval between acute stressors within chronic mild stress modifies behavioral and physiologic stress responses in male rats. *Stress*, 21(5), 453-463.

Charkoudian, N. (2010). Mechanisms and modifiers of reflex induced cutaneous vasodilation and vasoconstriction in humans. *Journal of applied physiology*, 109(4), 1221-1228.

Divyashree, S., Sarjan, H. N., & Yajurvedi, H. N. (2016). Effects of long-term chronic stress on the lymphoid organs and blood leukocytes of the rat (Rattus norvegicus). *Canadian Journal of Zoology*, 94(2), 137-143.

Dragoş, D., & Tănăsescu, M. D. (2010). The effect of stress on the defense systems. *Journal of medicine and life*, *3*(1), 10.

Edy, Susanto. (2019). Pengaruh stres terhadap kadar hormon progesteron pada tikus wistar postpartum. *Journal Chem Inf Model*.1689–99.

Efendy, J. (2018). Aktivitas Harian Dan Deteksi Stres Pada Sapi Peranakan Ongole (Po) Daily Activities And Detection Of Stree On Po Catle By Measurement Of Cortisol Hormone Levels. *Maduranch: Jurnal Ilmu Peternakan*, *3*(2), 53-58.

Estanislau, C., Díaz-Morán, S., Cañete, T., Blázquez, G., Tobeña, A., & Fernández-Teruel, A. (2013). Context-dependent differences in grooming behavior among the NIH heterogeneous stock and the Roman high-and low-avoidance rats. *Neuroscience Research*, *77*(4), 187-201.

Felten SY, Felten D. (1994). Neural-immune interaction. *Progress in Brain Research*100, pp:157–162

Fianti LL. (2017). *Efektivitas perasan daun afrika (Vernonia amygdalina Del) terhadap penurunan kadar glukosa darah mencit (Mus musculus)*. [Disertasi]. Bandung. Universitas Pasundan.

Fowler ME. (1999). *Zoo and Wild Animal Medicine*. Edisi ke-4. Philadelphia (US): WB Saunders Company.

Fulghesu, F., Ledda, A., Sini, M., Cresci, R., Lunesu, M. F., Cannas, A., & Atzori, A. S. (2022). 77. Respiration rate as marker of heat stress in dairy sheep. *Animal-science proceedings*, 13(4), 600-601.

Foeh, N., Datta, F. U., Ndaong, N., Detha, A., & Akal, R. (2021). Pengaruh Pakan terhadap Status Fisiologi Kambing Kacang (Capra aegragus hircus) dengan Pola Pemeliharaan Insentif di Daerah Lahan Kering. *Jurnal Kajian Veteriner*, 9(1), 8-12.

Hackett, R. (2016). *The Role Of Psychosocial Wellbeing And Biological Stress Processes In Linking Type II Diabetes And Cardiovascular Disease (Doctoral dissertation)*. UCL (University College London)

Haller, J. (2022). Aggression, aggression-related psychopathologies and their models. *Frontiers in behavioral neuroscience*, 16, 936105.

Hankenson, F. C., Marx, J. O., Gordon, C. J., & David, J. M. (2018). Effects of rodent thermoregulation on animal models in the research environment. *Comparative medicine*, 68(6), 425-438.

Herrmann, K., & Jayne, K. (2019). *Animal experimentation: Working towards a paradigm change* (p. 752). Brill. DOI:10.1163/9789004391192

Garber JC. (2010). *Guide for the care and use of laboratory animals*. Washington DC. National Academies Press.

Giesbrecht, G. G. (1995). The respiratory system in a cold environment. *Aviation, space, and environmental medicine*, *66*(9), 890-902.

Gonzalez-Rivas, P. A., Chauhan, S. S., Ha, M., Fegan, N., Dunshea, F. R., & Warner, R. D. (2020). Effects of heat stress on animal physiology, metabolism, and meat quality: A review. *Meat science*, 162, 108025.

Guyton AC and Hall, J.E. (2012). *Pocket Companion to Guyton and Hall Textbook of Medical Physiology*. US : Saunders Elsevier

Hendrajid, Z., Taihuttu, Y. M., Silalahi, P. Y., Huwae, L. B., & Latuconsina, V. Z. (2020). Jenis leukosit mencit (mus musculus) pasca stres akut dengan perlakuan ekstrak etanol biji pala (myristica fragrans houtt). *PAMERI: Pattimura Medical Review*, *2*(2), 103-116.

Kannan, G., Terrill, T. H., Kouakou, B., Gazal, O. S., Gelaye, S., Amoah, E. A., & Samaké, S. (2000). Transportation of goats: effects on physiological stress responses and live weight loss. *Journal of Animal Science*, 78(6), 1450–1457.

Kee Joyce LeFever. (2007). *Pedoman Pemeriksaan Laboratorium dan Diagnostik Edisi 6*. Jakarta: EGC.

Kiswari, R. (2014). *Hematologi dan Transfusi*. Jakarta: Erlangga.ISBN: 9786022413509

Larasati R.(2016). Pengaruh Stres Pada Kesehatan Jaringan Periodontal. *Jurnal Skala Husada*. 2016;13(1): 81-9.

Lee, W., Moon, M., Kim, H. G., Lee, T. H., & Oh, M. S. (2015). Heat stress-induced memory impairment is associated with neuroinflammation in mice. *Journal of neuroinflammation*, 12(1), 1-13.

Lestariningrum, N. A., Karwur, F. F., & Martosupono, M. (2012). Pengaruh Vitamin E Tokotrienol dan Gabungannya dengan Asam Askorbat terhadap Jenis Leukosit Tikus Putih (Rattus norvegicus L.) Effect of Vitamin E Tocotrienol and Its Combination with Ascorbic Acid to Types of Leukocytes White Rat (Rattus norvegicus L.). *Sains Medika*, 4(1), 46-56.

Maheshwari, H., Sasmita, A. N., Farajallah, A., Achmadi, P., & Santoso, K. (2017). Pengaruh suhu terhadap diferensial leukosit serta kadar malondialdehide (mda) burung puyuh (Coturnix Coturnix Japonica). *Jurnal Bioma*, 13(2), 81-89.

Mahmoud, Usama T, Rahman M A A, Hosney M A., Mosaad D G M. (2013). The effect of heat stress on blood picture of Japanese quail. *J of Adv Vet Research*. 3: 69-76.

Mancera Alarcon, K. F. (2016). Effects of anthropogenic noise on the behaviour, physiological traits and welfare of two animal models: wild mice (Mus musculus) and Eastern blue tongued lizard (Tiliqua scincoides).

Matisz, C. E., Badenhorst, C. A., & Gruber, A. J. (2021). Chronic unpredictable stress shifts rat behavior from exploration to exploitation. *Stress*, *24*(5), 635-644.

Mehra, R., Prasad, M., & Sharma, D. K. (2020). Effects of noise stress on body weight and adrenal gland weight of male wistar rats. *International Journal of Pharmaceutical & Biological Archives*, 11(2), 91-98.

Mudji, E. H. (2014). Tingkat kejadian prolapsus uteri pada sapi perah peranakan FH. *VITEK: Bidang Kedokteran Hewan*, 4.

Münzel, T., Sørensen, M., & Daiber, A. (2021). Transportation noise pollution and cardiovascular disease. *Nature Reviews Cardiology*, *18*(9), 619-636.

McEwen, B. S., & Wingfield, J. C. (2003). The concept of allostasis in biology and biomedicine. *Hormones and Behavior*, 43(1), 2–15.

Mutiarahmi, C. N., Hartady, T., & Lesmana, R. (2021). Kajian Pustaka: Penggunaan Mencit Sebagai Hewan Coba di Laboratorium yang Mengacu pada Prinsip Kesejahteraan Hewan. *Jurnal Indonesia Medicus Veterinus*, 10.

Nakagawa, H., Matsunaga, D., & Ishiwata, T. (2020). Effect of heat acclimation on anxiety-like behavior of rats in an open field. *Journal of Thermal Biology*, *87*, 102458.

Nardocci, G., Navarro, C., Cortés, P. P., Imarai, M., Montoya, M., Valenzuela, B.,& Fernández, R. (2014). Neuroendocrine mechanisms for immune system regulation during stress in fish. *Fish & shellfish immunology*, *40*(2), 531-538.

Nugroho, C. A. (2009). Pengaruh minuman beralkohol terhadap jumlah lapisan sel spermatogenik dan berat vesikula seminalis mencit. *Jurnal Ilmiah Widya Warta*, 33(1), 56-60

Nugroho, C. A. (2018). Pengaruh minuman beralkohol terhadap jumlah lapisan sel spermatogenik dan berat vesikula seminalis mencit. *Jurnal Ilmiah Widya Warta*, 33(1).

Novanti, N. P. G., Sulabda, I. N., & Dharmawan, N. S. (2022). Total Leukosit dan Diferensial Leukosit Sapi Bali Jantan Setelah Pengangkutan ke Rumah Potong Hewan Pesanggaran Denpasar. DOI: 10.19087/imv.2022.11.1.21

Ohmura Y, and Yoshioka M. (2009). The roles of corticotrophin releasing factor (CRF) in responses to emotional stress: is CRF release a cause or result of fear/anxiety. *CNS and Neurological Disorders-Drug Targets* 8(6): 459-69.

Petrovsky N. (2001). Towards a unified model of neuroendocrine-immune interaction. *Immunology and Cell Biology* 79(4): 350-7.

Prayitno A. (2010). Stressor, sakit dan sehat. *Cermin Dunia kedokteran* 178: 383-387

Priyoto, (2014). *Konsep Manajemen Stres*. Yogyakarta : Nuha Medika

Rabasa, C., Askevik, K., Schéle, E., Hu, M., Vogel, H., & Dickson, S. L. (2019). Divergent metabolic effects of acute versus chronic repeated forced swim stress in the rat. *Obesity*, 27(3), 427-433.

Rabin, B. S. (1999). *Stress, immune function, and health: The connection* New York: Wiley.

Rahmayani RD, Liza RG, Syah NA.(2019).Gambaran tingkat stres berdasarkan stressor pada mahasiswa kedokteran tahun pertama program studi profesi dokter fakultas kedokteran universitas andalas angkatan 2017. *Jurnal Kesehatan Andalas*.;8(1):103.

Ravi, M., Miller, A. H., & Michopoulos, V. (2021). The immunology of stress and the impact of inflammation on the brain and behaviour. *BJPsych advances*, *27*(3), 158-165. DOI: 10.1192/bja.2020.82

Rojas-Carvajal, M., & Brenes, J. C. (2020). Acute stress differentially affects grooming subtypes and ultrasonic vocalisations in the open-field and home-cage test in rats. *Journal of Behavioural Processes*, *176*, 104140.

Rostamkhani, F., Zardooz, H., Zahediasl, S., & Farrokhi, B. (2012). Comparison of the effects of acute and chronic psychological stress on metabolic features in rats. *Journal of Zhejiang university science* B, 13, 904-912.

Rozen-Rechels, D., Dupoué, A., Lourdais, O., Chamaillé-Jammes, S., Meylan, S., Clobert, J., & Le Galliard, J. F. (2019). When water interacts with temperature: Ecological and evolutionary implications of thermo-hydroregulation in terrestrial ectotherms. *Ecology and evolution*, 9(17), 10029-10043.

Schellinck HM, David PC, Richard EB. (2010). *Advances in The Study of Behavior*. Burlington: Academic Press.

Segerstrom SC, and Miller GE. (2004). Psychological Stress and the Human Immune System: A Meta-Analytic Study of 30 Years of Inquiry. *Psychol Bull.* 130(4), pp: 601–630.

Siregar, G. (2020). Noise Exposure Decreases the Number of Spermatozoa in Male Mice (Mus musculus L.) Even With Grape Seed Extract (Vitis vinifera L.) Administration. *Warmadewa Medical Journal (WMJ)*, *5*(2), 70-75.

Slabbekoorn, H., McGee, J., & Walsh, E. J. (2018). Effects of man-made sound on terrestrial mammals. *Effects of anthropogenic noise on animals*, 243-276.

Smith SM, and Vale WW. (2006). The role of hypothalamic-pituitary-adrenal axis in neuroendocrine responses to stress. *Dialogues in Clinical Neuroscience* 8(4): 383-95.

Stephens MAC, and Wand G. (2012). Stress and the HPA Axis: Role of Glucocorticoids in Alcohol Dependence. *Alcohol Research: Current Reviews* 34(4)

Sudiana IK. (2014). *Imunopatobiologi Molekuler*. Surabaya: Airlangga University Press.

Škop, V., Liu, N., Guo, J., Gavrilova, O., & Reitman, M. L. (2020). The contribution of the mouse tail to thermoregulation is modest. *American Journal of Physiology-Endocrinology and Metabolism*, *319*(2), E438-E446. DOI: 10.1152/ajpendo.00133.2020

Stellato, A. C., Hoffman, H., Gowland, S., Dewey, C. E., Widowski, T. M., & Niel, L. (2019). Effect of high levels of background noise on dog responses to a routine physical examination in a veterinary setting. *Applied Animal Behaviour Science*, *214*, 64-71.

Tamzil, M. H. (2014). Stres panas pada unggas: metabolisme, akibat dan upaya penanggulangannya. *Wartazoa*, *24*(2), 57-66.

Tang, L., Cai, N., Zhou, Y., Liu, Y., Hu, J., Li, Y., ... & He, H. (2022). Acute stress induces an inflammation dominated by innate immunity represented by neutrophils in mice. *Frontiers in Immunology*, *13*, 1014296. DOI:10.3389/fimmu.2022.1014296

Titisari, N., Asri, K., Fauzi, A., Masnur, I., & Kurniawan, I. (2019). Kadar hormon kortisol dan rasio neutrofil/limfosit (N/L) satwa lutung jawa pada saat di kandang perawatan dan kandang karantina di hutan Coban Talun,

Batu. *TERNAK TROPIKA Journal of Tropical Animal Production*, *20*(1), 29-37.

Venezia, A. C., Hyer, M. M., Glasper, E. R., Roth, S. M., & Quinlan, E. M. (2020). Acute forced exercise increases Bdnf IV mRNA and reduces exploratory behavior in C57BL/6J mice. *Genes, Brain and Behavior*, 19(5), e12617.

Widjaja, D., Orini, M., Vlemincx, E., & Van Huffel, S. (2013). Cardiorespiratory dynamic response to mental stress: a multivariate time-frequency analysis. *Computational and mathematical methods in medicine*, *2013*.

Winn, C. B., Hwang, S. K., Morin, J., Bluette, C. T., Manickam, B., Jiang, Z. K., & Matthews, K. (2021). Automated monitoring of respiratory rate as a novel humane endpoint: A refinement in mouse metastatic lung cancer models. *Plos one*, 16(9), e0257694.

Yaribeygi, H., Panahi, Y., Sahraei, H., Johnston, T. P., & Sahebkar, A. (2017). The impact of stress on body function: A review. *EXCLI journal*, 16, 1057.

Yankelevitch-Yahav R, Franko M, Huly A, Doron R. (2015). The Forced Swim Test As A Model Of Depressive-Like Behavior. *J Vis Exp*. 2015;(97):52587. DOI:10.3791/52587

Zhang, L., Zhang, X., Du, L., Zhang, C., & Li, H. (2021). Cholinergic-rather than adrenergic-induced sweating play a role in developing and developed rat eccrine sweat glands. *Experimental Animals*, 70(2), 218-224.