

DAFTAR PUSTAKA

- Ahangapour, A., Orrojan, A.A., Heidar, H. 2014. Effects of Exendin-4 on Male Reproductives Parameters of D-Galactose Induced Aging Mouse Model. *World J Mens Helath* 32(3): 176-183.
- Ahn, S.W., Gang, G., Kim, Y.D., Ahn, R., Harris, R.A., Lee, C., Choi, H. 2013. Insuline Directly Regulates Steroidogenesis Via Induction of the Orphan Nuclear Receptor DAX-1 in Testicular Leydig Cells. *The Jour. Of Bio. Chem.* 288(22): 15937-15946.
- Anonim. 2020. <https://www.bps.go.id/indicator/24/469/1/populasi-sapi-potong-menurut-provinsi.html>.
- Aydin, S., Yanar, K., Simsek, B., Cebe, T., Sitar, M.E., Belca, A., Cakatay, U. 2018. Galactose-induced Aging Model in Rat Testicular Tissue. *Journal of the College of Physicians and Surgeons Pakistan Vol. 8 (27): 501-504.*
- Azman, K.F., Zakaria, R. 2019. D-galactose-induced accelerated aging model: an overview. *Biogerontology Vol. 20:763-782*
- Banks, W.J. 1993. *Applied Veterinary Histology 3rd Ed.* Mosby: USA. 429-431
- Barth, A. 2015. *Bovine Reproduction, First Edition.* John Wiley & Sons: UK. 103
- Cele, N.D., Sangweni, N.F., Mosa, R.A., Penduka, D., Lazarus, G.G., Singh, M., Zharare, G.E., Opoku, A.R. 2017. Research Article Testicular Dysfunction Amrliorative Effect of the Metabolic Roots Extract of *Maytenus procumbens* and *Ozora paniculosa*. *Evidence-Based Complementary and Alternative Medicine Vol. 17.*
- Dimakopolou, A., Jayasena, C.N., Radia, U.K., Algefari, M., Minhas, S., Oliver, N., Dhilllo, W.S. 2019. Animal Models of Diabetes-Related Male Hypogonadism. *Frontiers in Endocrinology. 10(628): 1-4.*
- Fitria, L., Mulyati, Tiraya, C.M., Budi, A.S. 2015. Profil Reproduksi Jantan Tikus (*Rattus norvegicus* Berkenhout, 1769), Galur Wistar Stadia Muda, Pradewasa, dan Dewasa. *Jurnal Biologi Papua Vol. 7 (1): 29-36.*
- Hedger, M.P. and Meinhardt, A. (2003) Cytokines and the immune-testicular axis. *J. Reprod. Immunol.*, 58(1): 1-26.
- Ismudiono, Srianto, P., Anwar, H., Madyawati, S.P., Samik, A., and Safitri, E. (2010. *Buku Ajar Fisiologi Reproduksi pada Ternak.* Surabaya: Airlangga University Press.
- Jang, A., Jo, C., Kim, I., Lee, M. 2007. Nutritional Quality of Dried Pig Placenta. *J. Food Science and Nutrition, 12:89-94.*



UNIVERSITAS
GADJAH MADA

Potensi Efek Serbuk Plasenta Sapi Terhadap Regenerasi Testis Pada Hewan Model Tikus Wistar
YONATHAN ALVIN M A S, Dr. drh. Surya Agus Prihatno, M.P. ; Prof. drh. Teguh Budipitojo, M.P., Ph.D.
Universitas Gadjah Mada, 2021 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- Kenawy, S., Hegazy, R., Hassan, A., El-Shenaqy, S., Gomaa, N., Zaki, H., Attia, A. 2017. Involvement of Insulin Resistance in D-galactose-induced age-related dementia in rats: Protective role of metformin and saxagliptin. *PLoS ONE* 12(8): e0183565.
- Kristal, M. B. 1991. Enhancement of Opioid-Mediated Analgesia: A Solution to the Enigma of Placentophagy. *Neuroscience and Biobehavioral Reviews*. 15(3):425–435.
- Liao, Chun-Hou., Chen, -Bing-Huei., Chiang, Han-Sun., Chen, Chiu-Wie., Chen, Mei-Feng., Ke, Chin-Chun., Wang, Ya-Yun., Lin, Wei-Ning., Wang, Chi-Chung., Lin, Ying-Hun. (2016). Optimizing a Male Reproductive Aging Mouse Model by D-galactose Injection. *Int. J. Mol. Sci.*, 17(98): 1-10.
- Loveland, K.L., Klein, B., Pueschl, D., Indumathy, S., Bergmann, M., Loveland, B.E., Hedger, M.P. and Schuppe, H.C. (2017) Cytokines in male fertility and reproductive pathologies: Immunoregulation and beyond. *Front. Endocrinol.*, 8: 307.
- Mittal, S.K. and Roche, P.A. (2015) Suppression of antigen presentation by IL-10. *Curr. Opin. Immunol.*, 34: 22-27.
- Ober, W. 1979. Notes on Placentophagy. *Bulletin of the New York Academy of Medicine*. 55(6):591–599.
- Petersen, P.M., Seieroe, K., Pakkenberg, B. 2015. The total number of Leydig and Sertoli cells in the testes of men across various age groups – stereological study. *J. Anat* 226: 175-179.
- Phuapradit, W., Chanrachakul, B., Thuvasethakul, P., Leelaphiwat, S., Sassanarakkit, S., Chanworachakul, S. 2000. Nutrients and hormones in heat-dried human placenta. *J Med Assoc Thai*, 83(6):690-4.
- Prihatno, S.A., Padeta, I., Larasati, A.D., Sundari, B., Hidayati, A., Fibrianto, Y.H., Budipitojo, T. 2018. Effects of secretome on cisplatin-induced testicular dysfunction in rats. *Veterinary World*, 11(9):1349-1356.
- Prihatno, S.A., Adi, Y.K., Budipitojo, T., Priyo Jr., T.W., Sihotang, Y.A.M.A. (2021) Dried bovine placenta improves spermatozoa count in a rat model of reproductive aging, *Veterinary World*, 14(6): 1602-1607.
- Salman, T.M., Olayaki, L.A., Alagbonsi, I.A and Oyewopo, A.O. (2016) Spermatotoxic effects of galactose and possible mechanisms of action. *Middle East Fertil. Soc. J.*, 21(2):82-90.
- Selander, J., Cantor, A., Young, S.M., and Benyshek, D.C. 2013. Human Maternal Placentophagy: A Survey of Self-Reported Motivations and Experiences Associated with Placenta Consumption. *Ecology of Food and Nutrition* 52(2):93-115.
- Setyawati, I., Putra, I.G.N.A.D., Roni, N.G.K. 2017. Histologi Tubulus Seminiferus dan Kadar Testosteron Tikus yang Diberi Pakan Imbuhan Tepung Daun Kaliandra dan Kulit Nanas. *Jurnal Veteriner Vol. 18 (3): 369-377.*



UNIVERSITAS
GADJAH MADA

Potensi Efek Serbuk Plasenta Sapi Terhadap Regenerasi Testis Pada Hewan Model Tikus Wistar
YONATHAN ALVIN M A S, Dr. drh. Surya Agus Prihatno, M.P. ; Prof. drh. Teguh Budipitojo, M.P., Ph.D.
Universitas Gadjah Mada, 2021 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- Sulistyoningrum, E. (2017) D-galactose-induced animal model of male reproductive aging. *JKKJ*, 8(1): 18-27.
- Tara, B.M.D., Fahimeh, A, M.D., Sahar, D, M.D., Hamideh, M.M.D. 2020. Evaluation of the Efficacy and Safety of Cow Placenta Extract Lotion Versus Minoxidil 2% in the Treatment of Female Pattern Androgenetic Alopecia. *Int. Jour. Of Wom. Derm.* 6: 318-321.
- Tierra, L. dan Tierra, M. 1998. *Chinese traditional herbal medicine*. Twin Lakes, WI: Lotus Light Pub, pp. 225
- Toelihere, M. R. 1981. *Fisiologi Reproduksi Pada Ternak*. Angkasa, Bandung.
- Wada, Y.A., Oniye, S.J., Rekwot, P.I., Okubanjo, O.O. 2016. Testicular pathology, gonadal and epididymal sperm reserves of Yankasa rams infected with experimental Trypanosoma brucei brucei and Trypanosoma evansi. *Veterinary World Vol. 9 (14): 759-765*.
- Yahaya, M.A., Ajuogu, P.K. 2014. Response of rabbit's testosterone and estrogen status to graded levels of white mangrove plant (Laguncularia racemosa). *International Journal of Science and Nature* 5(2): 196- 198.
- Yu, C., Wang, K., Hsu, R., Ho, Y., Wang, P.S. Effects of Diosgenin on Reproductive Function of D-galactose-induced Aging Model Of Male Rats. *Biology Reproduction* 85(1):550