

## DAFTAR PUSTAKA

- Adejuwon S. A., Femi-Akinlosotu O. M., Omirinde J. O. Cisplatin-induced testicular dysfunction and its amelioration by *Launaea taraxacifolia* leaf extract. *First International Journal of Andrologi-Andrologia*. DOI:10.1111/and.12302. 1 - 7
- Ahmed E.A, Omar H.M, Ragb S.M, Nasser A.Y. The antioxidant activity of vitamin C, DPPD and L-cysteine against cisplatin-induced testicular oxidative damage in rats. *Journal Food Chem. Toxicol.* 2011;49:1115–1121
- Amin A, Hamza A (2006) Effects of Roselle and Ginger on Cisplatin-Induced Reproductive Toxicity in Rats. *BlackWell Asian Journal Androl* 8:607–612
- Amin A., Hamza1 A.A., Kambal A., Daoud S. 2008. Herbal Extracts Counteract Cisplatin-Mediated Cell Death In Rat Testis. *Asian J Androl* 2008; 10 (2). DOI: 10.1111/j.1745-7262.2008.00379.x. 291–297
- Aydiner A., Aytekin Y., Topus E., 1997. Effect of Cisplatin on Testicular Tissue and the Leydig Cell-Pituitary Axis. *Oncology*; 54:74-78. DOI:10.1159/000227665
- Banks W J. 1993. *Applied Veterinary Histology*, 3<sup>rd</sup> Ed. USA : Mosby. 429 - 431
- Boekelheide, K. 2005. Mechanisms of toxic damage to spermatogenesis. *Journal of the National Cancer Institute. Monographs*. 34 : 6–8
- Cele N.D., Sangweni N.F., Mosa R.A., Penduka D., Lazarus G.G., Singh M., Zharare G.E., dan Opoku A.R., 2017. Testicular Dysfunction Ameliorative Effect of the Methanolic Roots extracts of *Maytenus Procumbens* and *Ozoroa Paniculosa*. *Evidence-Based Complementary and Alternative Medicine Volume 2017, Article ID 8204816, 7 pages* DOI: 10.1155/2017/8204816
- Collins L.L., Lee H.J., Chen Y.T., Chang M., Hsu H.Y., Yeh S., Chang C., 2003. The Androgen Resesptor in Spermatogenesis. *Cutogenet genome Res.* 103:299-301.
- Colpi GM, Contalbi GF, Nerva F, Sagone P, Piediferro G (2004) Testicular function following chemo-radiotherapy. *Eur J Obstet Gynecol Reprod Biol* 113(Suppl):S2–S6.
- Florea AM dan Busselberg D. 2011. Csiplatin as an anti-tumor drug : cellular mechanism of activity, drug resistance and induced side effects. *Cancers*. 3 : 1351 - 1371
- Gunsalus G.L., Musto N.A., dan Bardin C.W. 1978. Factors Affecting Blood Levels of Androge Binding Protein in the Rat. *International Journal of Andrology*. 482-493

- Guyton. 1995. *Fisiologi Manusia dan Mekanisme Penyakit*. Jakarta; Buku Kedokteran EGC
- Hammond G.L. dan Bocchinfuso W.P., 1995. Sex Hormone-binding Globulin/ Androgen-binding Protein: Steroid-binding and Dimerization Domains. *J. Steroid Biochem. Molec. Biol. Vol. 53, No. 1-6, pp. DOI: 10. 1016/ 0960-0760 (95)00110-L. 543-552.*
- Han, Y., J. Chai, T. Sun, D. Li and R. Tao, 2011. Differentiation of human umbilical cord mesenchymal stem cells into dermal fibroblasts *in vitro*. *Biochem. Biophys. Res. Commun.*, 413: 561-565
- Handelsman D.J. 2001. Testicular Dysfunction in Systemic Disease. Dalam: Nieschlag E, dan Behre H.M.(Eds) *Andrology: Male Reproductive Health and Dysfunction*. Springer, Berlin. Hal: 241-242
- Huang HF, Pogach LM, Nathan E, Giglio W. 1990. Acute and chronic effects of cisplatin upon testicular function in the rat. *Journal of Andrology. 11 : 436 – 45*
- Huleihel and E. Lunenfeld, “Regulation of spermatogenesis by paracrine/autocrine testicular factors,” *Asian Journal of Andrology*, vol. 6, no. 3, pp. 259–268, 2004
- Johnson SW, Ferry KV, Hamilton TC (1998) Recent insights into platinum drug resistance in cancer. *Drug Resist Updates* 1:243–254.
- Johnson L., Thompson DL., Varner DD. 2008. Role of Sertoli Cell Number and Function on Regulation of Spermatogenesis. *Anim Reprod Sci. 105:23-51*
- Junqueira, L.C. and Carneiro, J. 1992. *Histologi Dasar. Cetakan III*. Jakarta: Penerbit Buku Kedokteran EGC; 430-435.3
- Karagiannis A dan Harsoulis F. 2005. Gonadal dysfunction in systemic disease. *Europ J Endocrin. 152 : 501 - 513*
- Kretser D.M., Loveland K.L., Meinhardt A., Simorangkir D., dan Wreford N., 1998. *Human Reproduction Volume 13 Supplement : Spermatogenesis. Institute of Reproduction and Development*. Monash University
- Lobl T.J., 1981 Androgen Transport Proteins: Physical Properties, Hormonal Regulation, and Possible Mechanism of TeBG and ABP Action, *Archives of Andrology*, 7:2, 133-151, DOI: 10.3109/01485018108999301. 133-150
- Loehrer J., and L. H. Einhorn (1984) “Cisplatin,” *Annals of Internal Medicine*, vol. 100, no. 5, pp. 704–713
- Maxson, S., E.A. Lopez, D. Yoo, A. Danilkovitch-Miagkova and M.A. LeRoux, 2012. Concise review: Role of mesenchymal stem cells in wound repair. *Stem Cells Transl. Med.*, 1: 142-149

- Madhu P, Reddy K.P, Reddy P.S. Role of melatonin in mitigating chemotherapy-induced testicular dysfunction in wistar rats. *Drug Chem. Toxicol.* 2016;39(2):137–146.
- Maxson, S., E.A. Lopez, D. Yoo, A. Danilkovitch-Miagkova and M.A. LeRoux, 2012. *Concise review: Role of mesenchymal stem cells in wound repair. Stem Cells Transl. Med.*, 1: 142-149
- Morris, I. D., Bardin, C. W., Musto N. A., Roremarié T., and Gunsalus G. L., 1988. Androgen binding protein in serum, testis and epididymis following treatment with the Leydig cell cytotoxic agent, ethylene dimethanesulphonate. *International Journal of Andrology*, 1988, 11, pages 153-163
- Munell F., Carlos A., Suarezquian, David M., Selva., Oscar M., Tirado, dan Jaume R., 2002. Androgen-Binding Protein and Review Reproduction: Where Do We Stand?. *Journal of Andrology*, Vol. 23, No. 5, September/October 2002
- Nugroho, W.S., Kusindarta, D.L., Susetya, H., Fitriana, I., Mulyani, G.T., Fibrianto, Y.H., Haryanto, A., Budipitojo, T. 2016. The Structural and Functional Recovery of Pancreatic  $\beta$ -cells in type 1 Diabetes Mellitus Induced Mesenchymal Stem Cell-Conditioned Medium. *Journal of Veterinary World* Vol.9 May 2016.18
- Padeta I., Nugroho W.S., Kusindarta D.L., Fibrianto Y.H., dan Budipitojo T. 2017. Mesenchymal Stem Cell-conditioned Medium Promote the Recovery of Skin Burn Wound. *Asian Journal of Animal and Veterinary Advances*, 12: 132-141. DOI: 10.3923/ajava.2017.132.141
- Pawitan, J.A., 2014. Prospect of stem cell conditioned medium in regenerative medicine. *BioMed. Res. Int.* 10.1155/2014/96584
- Prihatno S.A., Padeta I., Larasati A.D., Sundari B., Hidayati A., Febrianto Y.H., Budipitojo T., 2018. Effects of secretome on cisplatin-induced testicular dysfunction in rats. *Journal of Veterinary World*. 2018 Sep; 11(9): 1349–1356.
- Reddy, K.P., Madhu, P., Reddy, P.S., Protective effects of resveratrol against cisplatin-induced testicular and epididymal toxicity in rats, *Journal Food and Chemical Toxicology* (2016), DOI: 10.1016/j.fct.2016.02.017.
- Rosenberg B. (1985) *Fundamental Studies with Cisplatin*. Cancer 55:2303–2316.
- Schilsky B. J. Lewis, R. J. Sherins, and R. C. Young, “Gonadal dysfunction in patients receiving chemotherapy for cancer,” *Annals of Internal Medicine*, vol. 93, no. 1, pp. 109– 114, 1980.
- Singh, I, Goyal, Y, Ranawat, P. 2017. Potential Chemoprotective Role of Resveratrol Against Cisplatin Induced Testicular Damage in Mice. *Chemico-Biological Interactions* 273 (2017) 200-211

- Smith L.B., dan Walker W.H. 2014. The Regulation of Spermatogenesis by Androgens. *Elsevier-Semin Cell Dev Biol*, DOI: [dx. doi. org/ 10. 1016/ j. emcdb. 2014.02.012](https://doi.org/10.1016/j.emcdb.2014.02.012)
- Teixeira FG, MM Carvalho, N Sousa and AJ Salgado. (2013). Mesenchymal Stem Cells Secretome: A New Paradigm for Central Nervous System Regeneration? *Cell Mol Life Sci.* 2013 Oct;70(20):3871-82. DOI: [10.1007/s00018-013-1290-8](https://doi.org/10.1007/s00018-013-1290-8)
- Teixeira F.G., Carvalhom.M., Panchalingamk.M., Rodrigues A.J., Pinheiro B.M., Anjo S., Behie L.A., Sousa N., Salgado A.J., 2016. Impact of the Secretome of Human Mesenchymal Stem Cells on Brain Structure and Animal Behavior in a Rat Model of Parkinson's Disease. *Stem Cells Translational Medicine* 2016;5:1–13. DOI: [http://dx.doi.org/ 10.5966/sctm.2016-0071](http://dx.doi.org/10.5966/sctm.2016-0071)
- Vawda A.I., 1994. Effect of Testosterone on Cisplatin-Induced Testicular Damage. *Archives of Andrology.* 32:1, 53-57. DOI: [10.3109/01485019408987767](https://doi.org/10.3109/01485019408987767)
- Walker W.H. 201. Testosterone signaling and the regulation of spermatogenesis, Spermatogenesis, 1:2. DOI: [10.4161/spmg.1.2.16956](https://doi.org/10.4161/spmg.1.2.16956). 116-120
- Wang Yiyang, Xiaoheng Li, Fei Ge1, Kaiming Yuan, Zhijian Su, Guimin Wang, Qingquan Lian dan Ren-Shan Ge1. Platelet-derived growth factor BB stimulates differentiation of rat immature Leydig cells. *Journal of Molecular Endocrinology* (2018) 60, 29–43. DOI: [10.1530/JME-17-0222](https://doi.org/10.1530/JME-17-0222)
- Yamaguchi T. Ishikawa, Y. Kondo, and M. Fujisawa, 2008 “Cisplatin regulates Sertoli cell expression of transferrin and interleukins,” *Journal of Molecular and Cellular Endocrinology*, vol. 283, no. 1-2, pp. 68–75.