

DAFTAR PUSTAKA

- A'an, Haries, Pranowo., Danis, Pertiwi., Agung, Putra. 2023. The Effect of Secretome Hypoxic Mesenchymal Stem Cells on Pro-Inflammatory and Anti-Inflammatory Markers Expression (in Vivo Experimental Study on the Macrophage Cell Polarization of Wistar Male Mice Type 1 DM Model). *International Journal of Multidisciplinary Research and Analysis*.
- Al Sadoun H. 2022. Macrophage Phenotypes in Normal and Diabetic Wound Healing and Therapeutic Interventions. *Cells* 11(15):2430.
- Alfadul H, Sabico S, Al-Daghri NM. 2022. The role of interleukin-1 β in type 2 diabetes mellitus: A systematic review and meta-analysis. *Frontiers in Endocrinology (Lausanne)* 13:901616.
- Alwi I. 2013. Perkembangan Terapi Sel Punca (Stem Cell) Pada Penyakit Jantung: Masa Kini dan Masa Depan. *Medica Hospital* 1(2):71–9.
- Armstrong et al. 2020. *Lancet Diabetes & Endocrinology* 8(6):509–521.
- Baynest, H. W. 2015. Classification, pathophysiology, diagnosis and management of diabetes mellitus. *Journal of Diabetes and Metabolism* 6:541.
- Brennan CL, Hoenig M, Ferguson DC. 2004. GLUT4 but not GLUT1 expression decreases early in the development of feline obesity. *Domestic Animal Endocrinology* 26:291–301.
- Butera, P. C. 2001. Estradiol and The Control of Food Intake. *Physiology and Behaviour* 99(2).
- Cano-Cano F et al. 2022. IL-1 β Implications in Type 1 Diabetes Mellitus Progression: Systematic Review and Meta-Analysis. *Journal of Clinical Medicine* 11(5):1303.
- Collard E, Roy S. 2009. Improved function of diabetic wound-site macrophages and accelerated wound closure in response to oral supplementation of a fermented papaya preparation. *Antioxidants & Redox Signaling* 13(5):599-606.
- Costes, S. et al. 2013. Beta-Cell Failure in Type 2 Diabetes: a Case of Asking Too Much of Too Few? *Diabetes* 62:327–335.
- Cuenda A, Rousseau S. 2007. P38 Map-Kinases pathway regulation, function and role in human disease. *Biochimica et Biophysica Acta (BBA) - Molecular Cell Research* 1773:1358-75.

- Di Gregorio GB et al. 2005. Expression of CD68 and macrophage chemoattractant protein-1 genes in human adipose and muscle tissues. *Diabetes* 54(8):2305-13.
- Ehse JA et al. 2009. IL-1 antagonism reduces hyperglycemia and tissue inflammation in the type 2 diabetic GK rat. *Proceedings of the National Academy of Sciences* 106(33):13998-4003.
- Fatimah, R. N. 2015. Diabetes Mellitus Tipe 2. *Jurnal Majority* 4(5).
- Gottlieb, S., Rand, J. 2018. Managing Feline Diabetes: Current Perspectives. *Veterinary Medicine: Research and Reports* 9:33-42.
- Ferreira JR et al. 2018. Mesenchymal stromal cell secretome: Influencing therapeutic potential by cellular pre-conditioning. *Frontiers in Immunology* 9.
- Ferreira, R. et al. 2021. Mesenchymal Stem Cell Secretome: Influence of Hypoxia and Potential Applications for Wound Healing and Regenerative Therapies. *Journal of Tissue Engineering and Regenerative Medicine* 12(5):1057-1069.
- Frühbeck G et al. 2022. Serum Levels of IL-1 RA Increase with Obesity and Type 2 Diabetes in Relation to Adipose Tissue Dysfunction. *Journal of Inflammation Research* 15:1331-1345.
- Gilor et al. 2016. *Veterinary Clinics of North America: Small Animal Practice* 46(3):455-467.
- Hardianto, D. 2020. Telaah Komprehensif Diabetes Mellitus: Klasifikasi, Gejala, Diagnosis, Pencegahan, dan Pengobatan. *Jurnal Bioteknologi dan Biosains Indonesia* 7(2).
- Hendrawan S et al. 2021. Wound healing potential of human umbilical cord mesenchymal stem cell conditioned medium. *Veterinary World* 14(8):2109-2117.
- Henson, M. S. et al. 2011. Evaluation of Plasma Islet Amyloid Polypeptide and Serum Glucose and Insulin Concentrations in Cats. *American Journal of Veterinary Research* 72:1052-1058.
- Hoening, M. et al. 2007. Insulin Sensitivity, Fat Distribution, and Adipocytokine Response to Different Diets in Lean and Obese Cats. *American Journal of Physiology - Regulatory, Integrative and Comparative Physiology* 292:227-234.

- Jing, H. et al. 2020. Effects of Hypoxic Preconditioning on Mesenchymal Stem Cell Properties and Applications in Regenerative Medicine. *Stem Cell Research & Therapy* 11(1):1-15.
- Liebman, L. M. 2014. Pancreas. *Feline Soft Tissue and General Surgery*. Pp. 375-386.
- Lurye, J., Behrend, E. N. 2001. Diabetes Mellitus. *Feline Internal Medicine Secrets*. Pp. 276-288.
- Lutz, T. A., Rand, J. S. 1995. Pathogenesis of Feline Diabetes Mellitus. *Veterinary Clinics of North America: Small Animal Practice* 25(3).
- McCann, T. M. et al. 2007. Feline Diabetes Mellitus in the UK. *Journal of Feline Medicine and Surgery* 9:289-299.
- Md Fadilah NI et al. 2022. Cell secretomes for wound healing and tissue regeneration. *Journal of Tissue Engineering* 13.
- O'Brien, T. 2002. Pathogenesis of Feline Diabetes Mellitus. *Molecular and Cellular Endocrinology* 197:213-219.
- O'Neill, D. G. et al. 2016. Epidemiology of Diabetes Mellitus Among Cats in England. *Journal of Veterinary Internal Medicine* 30:964-972.
- Ormazabal V et al. 2022. Secretome from Human Mesenchymal Stem Cells-Derived Endothelial Cells Promotes Wound Healing. *International Journal of Molecular Sciences* 23(2):941.
- Peinnequin A et al. 2004. Rat pro-inflammatory cytokine quantification by real-time polymerase chain reaction. *BMC Immunology* 5:3.
- Phinney DG, Pittenger MF. 2017. Concise Review: MSC-Derived Exosomes for Cell-Free Therapy. *Stem Cells* 35(4).
- Piero, M. N. et al. 2014. Diabetes mellitus – A devastating metabolic disorder. *Asian Journal of Biomedical and Pharmaceutical Sciences* 4:1-7.
- Punca S et al. 2016. Tinjauan Pustaka. *Jurnal Kedokteran Meditek* 22.
- Putra A. 2019. *Basic Molecular Stem Cell*. Unisulla Press.
- Rand, J. S. et al. 2004. Canine and Feline Diabetes Mellitus: Nature or Nurture? *The Journal of Nutrition* 134(8):2072S-2080S.
- Rand, J. S., Martin, G. J. 2001. Management of Feline Diabetes Mellitus. *Veterinary Clinics of North America: Small Animal Practice* 31(5):881-913.

- Rytka JM et al. 2011. The Portal Theory Supported by Venous Drainage-Selective Fat Transplantation. *Diabetes* 60.
- Salti T et al. 2020. Glucose Induces IL-1 α -Dependent Inflammation in Renal Tubular Epithelial Cells. *Frontiers in Immunology* 11:1270.
- Szkudelski, T. 2021. The Mechanism of Alloxan and Streptozotocin Action in β -Cells of the Rat Pancreas. *Physiological Research* 50(6):537-546.
- Volarevic V et al. 2010. Interleukin-1 receptor antagonist and IL-1Ra producing mesenchymal stem cells as modulators of diabetogenesis. *Autoimmunity* 43(4):255-263.
- Vizoso FJ et al. 2017. Mesenchymal stem cell secretome: Toward cell-free therapeutic strategies. *International Journal of Molecular Sciences* 18.
- Widowati W, Widyanto R. 2015. Sel Punca Sebagai Alternatif Terapi. *Zenit* 2(1):1–5.
- Xu YF et al. 2023. Bone marrow-derived mesenchymal stem cell-conditioned medium ameliorates diabetic foot ulcers. *Clinics (São Paulo)*.
- Zerbe, C. A. 2001. What is So Special about Feline Diabetes Mellitus? *Journal of Feline Medicine and Surgery* 3(2):99-103.
- Zhang et al. 2021. *Bioactive Materials* 6(8):2229–2242.
- Zhang, X. et al. 2020. Optimization of qPCR and Immunohistochemistry Protocols for MSC Studies. *Biology* 9(8):231-240.
- Zini, E. et al. 2012. Histological investigation of endocrine and exocrine pancreas in cats with diabetes mellitus. *Journal of Veterinary Internal Medicine* 26:1519.