

DAFTAR PUSTAKA

- Afifah, Ngatidjan, & Arfian, N., 2018. The effects of furosemide on kidney damage in acute kidney injury rat models. *J Med Sci*, 50(3), pp. 239-248.
- Arfian, N. et al., 2019. Chlorogenic Acid Attenuates Kidney Ischemic/Reperfusion Injury via Reducing Inflammation, Tubular Injury, and Myofibroblast Formation. *BioMed Research International*, Volume 2019, 5423703, pp. 1-8.
- Avila-Carrasco, L. *et al.*, 2019. Natural Plants Compounds as Modulators of Epithelial-to-Mesenchymal Transition. *Frontiers in Pharmacology*, 10(715), pp. 1-17.
- Azis, W. A., Muriman, L. Y. & Burhan, S. R., 2020. HUBUNGAN ANTARA TINGKAT PENGETAHUAN DENGAN GAYA HIDUP PADA PENDERITA DIABETES MELITUS. *Jurnal Penelitian Perawat Profesional*, 2(1), pp. 105-112.
- Bagdas, D. et al., 2015. In vivo systemic Chlorogenic acid therapy under diabetic conditions: wound healing effects and cytotoxicity/genotoxicity profile. *Food and Chemical Toxicology*, pp. 2-17.
- Bao, L. *et al.*, 2018. Chlorogenic acid prevents diabetic nephropathy by inhibiting oxidative stress and inflammation through modulation of the Nrf2/HO-1 and NF- κ B pathways. *International Immunopharmacology*, Volume 54, pp. 245-253.
- Biomarkers, P., 2011. Novel Biomarkers of Diabetic Nephropathy. *Pacific Biomarkers*.
- Bonventre, J. V., 2012. Can We Target Tubular Damage to Prevent Renal Function Decline in Diabetes?. *Semin Nephrol*, 32(5), pp. 452-462.
- Chen, Z. *et al.*, 2019. Hepatoprotective effect of chlorogenic acid against chronic liver injury in inflammatory rats. *Journal of Functional Foods*, 62(103540), pp. 2-10.
- Cora, M. J. L. & Arizon, L. F. d., 2020. *bestpractice.bmj.com*. [Online] Available at: <https://bestpractice.bmj.com/topics/en-us/933> [Accessed 15 July 2021].
- Dansinger, M., 2021. *www.webmd.com*. [Online] Available at: <https://diabetes/guide/diabetes-glossary-terms> [Accessed April 2021].

- Domitrović, R., Cvijanović, O., Šušnić, V. & Katalinić, N., 2014. Renoprotective mechanisms of chlorogenic acid in cisplatin-induced kidney injury. *Toxicology*, pp. 98–107.
- Efthymiou, G. *et al.*, 2020. Shaping Up the Tumor Microenvironment With Cellular Fibronectin. *Frontiers in Oncology*, Volume 10, pp. 1-12.
- Fragiadaki, M. & Mason, R. M., 2011. Epithelial-mesenchymal transition in renal fibrosis – evidence for and against. *International Journal of Experimental Pathology*, Volume 92, pp. 143–150.
- Girsang, E. *et al.*, 2019. Antioxidant and Anti-Inflammatory activity of Chlorogenic Acid on Lead-Induced Fibroblast Cells. *Journal of Physics: Conference Series*, 1374(012006), pp. 1-6.
- Graham, M. L., Janecek, J.L., Kittredge, J. A., Hering, B. J. & Schuurman, H., 2011. The Streptozotocin-Induced Diabetic Nude Mouse Model: Differences between Animals from Different Sources. *Comparative Medicine*, 61(4), pp. 356-360.
- Hestiana, D. W., 2017. FAKTOR-FAKTOR YANG BERHUBUNGAN DENGAN KEPATUHAN DALAM PENGELOLAAN DIET PADA PASIEN RAWAT JALAN DIABETES MELLITUS TIPE 2 DI KOTA SEMARANG. *Journal of Health Education*, 2(2), pp. 138-144.
- Hutasoit, G. A. *et al.*, 2020. The Role of Chlorogenic Acid on Mice with Unilateral Ureteral Obstruction Model: A Study toward Tubular Injury. *Proceedings of the 1st Jenderal Soedirman International Medical Conference in conjunction with the 5th Annual Scientific Meeting (Temilnas) Consortium of Biomedical Science Indonesia*, Volume 1, pp. 58-62.
- Konduracka, E., Gackowski, A., Rostoff, P., Galicka-Latala, D., Frasik, W. & Piwowarska, W., 2007. Diabetes-specific cardiomyopathy in type 1 diabetes mellitus: no evidence for its occurrence in the era of intensive insulin therapy. *European Heart Journal*, Volume 28, pp. 2465–2471.
- Kriz, W., Kaissling, B. & Hir, M. L., 2011. Epithelial-mesenchymal transition (EMT) in kidney fibrosis: fact or fantasy?. *The Journal of Clinical Investigation*, 121(2), pp. 468-474.
- Liang, N. & Kitts, D. D., 2016. Role of Chlorogenic Acids in Controlling Oxidative and Inflammatory Stress Conditions. *Nutrients*, 8(16), pp. 1-16.

- Lim, A. K., 2014. Diabetic nephropathy – complications and treatment. *International Journal of Nephrology and Renovascular Disease* , Volume 7, pp. 361–381.
- Lucier, J. & Weinstock, R. S., 2021. *Diabetes Mellitus Type 1*. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing.
- Magri, C. J. & Fava, S., 2009 . The role of tubular injury in diabetic nephropathy. *European Journal of Internal Medicine* , Volume 20, pp. 551–555.
- Meng, S., Cao, J., Feng, Q., Peng, J. & Hu, Y., 2013. Roles of Chlorogenic Acid on Regulating Glucose and Lipids Metabolism: A Review. *Evidence-Based Complementary and Alternative Medicine*, 2013(801457), pp. 1-9.
- Miao, M. & Xiang, L., 2020. Pharmacological action and potential targets of chlorogenic acid. *Advances in Pharmacology*, Volume 87, pp. 71-84.
- Nasri, H. & Rafieian-Kopaei, M., 2013. Tubular Kidney Protection by Antioxidants. *Iranian Journal of Public Health* , 42(20), pp. 1194-1196.
- Naveed, M. *et al.*, 2018. Chlorogenic acid (CGA): A pharmacological review and call for further research. *Biomedicine & Pharmacotherapy*, pp. 67–74.
- Ong, K. W., Hsu, A. & Tan, B. K. H., 2012. Chlorogenic Acid Stimulates Glucose Transport in Skeletal Muscle via AMPK Activation: A Contributor to the Beneficial Effects of Coffee on Diabetes. *PLoS ONE*, 7(3), pp. 1-10.
- Petrini, I. *et al.*, 2017. ED-B fibronectin expression is a marker of epithelial-mesenchymal transition in translational oncology. *Oncotarget*, 8(3), pp. 4914-4921.
- Qin, L. *et al.*, 2020. Chlorogenic acid alleviates hyperglycemia-induced cardiac fibrosis through activation of the NO/cGMP/PKG pathway in Cardiac Fibroblasts. *Molecular Nutrition & Food Research*, 65(2), pp. 3-4.
- Qinna, N. A. & Badwan, A. A., 2015. impact of streptozotocin on altering normal glucose homeostasis during insulin testing in diabetic rats compared to normoglycemic rats. *Drug Design, Development and Therapy*, Volume 9, pp. 2515-2524.
- Riany, H. *et al.*, 2019. Effects of Coffee Consumption In Improving Hyperglycemia In Diabetes-Induced Mice. *International Journal of Ecophysiology*, 01(01), pp. 72-79.
- Santana-Gálvez, J., Cisneros-Zevallos, L. & Jacobo-Velázquez, D. A., 2017. Chlorogenic Acid: Recent Advances on Its Dual Role as a Food Additive

- and a Nutraceutical against Metabolic Syndrome. *Molecules*, 22 (358), pp. 1-21.
- Santos, R. M. M. & Lima, D. R. A., 2016. Coffee consumption, obesity and type 2 diabetes: a mini- review. *Eur J Nutr*, Volume 55, pp. 1345–1358.
- Sapra, A. & Bhandari, P., 2021. *Diabetes Mellitus*. s.l.:Treasure Island (FL): StatPearls Publishing.
- Strutz, F. M., 2009. EMT and proteinuria as progression factors. *International Society of Nephrology*, Volume 75, pp. 475–481.
- Sun, Y. B. Y., Qu, X., Caruana, G. & Li, J., 2016. The origin of renal fibroblasts/myofibroblasts and the signals that trigger fibrosis. *Differentiation*, 92(3), pp. 102-107.
- Takaori, K. *et al.*, 2016. Severity and Frequency of Proximal Tubule Injury Determines Renal Prognosis. *J Am Soc Nephrol*, Volume 27, pp. 2393–2406.
- Toth-Manikowski, S. & Atta, M. G., 2015. Diabetic Kidney Disease: Pathophysiology and Therapeutic Targets. *Journal of Diabetes Research*, Volume 2015, 697010, pp. 2-4.
- Vallon, V., 2014. Do Tubular Changes in the Diabetic Kidney Affect the Susceptibility to Acute Kidney Injury?. *Nephron Clin Pract 2014*, Volume 127, pp. 133–138.
- Verhave, J. C. *et al.*, 2013. Clinical value of inflammatory urinary biomarkers in overt diabetic nephropathy: A prospective study. *Diabetes Research and Clinical Practice*, 101(3), pp. 333-340.
- Wang, Z. *et al.*, 2018. Vimentin expression is required for the development of EMT-related renal fibrosis following unilateral ureteral obstruction in mice. *Am J Physiol Renal Physiol*, Volume 315, pp. F769–F780.
- Yamashita, N. *et al.*, 2020. ntratubular epithelial-mesenchymal transition and tubular atrophy after kidney injury in mice. *Am J Physiol Renal Physiol*, 319(4), pp. 579-591.
- Yan, Y., Zhou, X., Guo, K., Zhou, F. & Yang, H., 2020. Use of Chlorogenic Acid against Diabetes Mellitus and Its Complications. *Journal of Immunology Research*, Volume 2020, 9680508, pp. 1-4.

- Yang, F. *et al.*, 2017. Chlorogenic Acid Inhibits Liver Fibrosis by Blocking the miR-21-Regulated TGF- β 1/Smad7 Signaling Pathway in Vitro and in Vivo. *Frontiers in Pharmacology*, 8(929), pp. 1-11.
- Ye, H., Li, Z., Zheng, Y., Chen, Y., Zhou, Z & Jin, j., 2016. The attenuation of chlorogenic acid on oxidative stress for renal injury in streptozotocin-induced diabetic nephropathy rats. *Arch Pharm Res*, 39(7), pp. 989-997.
- Yu, S. M. & Bonventre, J. V., 2018 . Acute Kidney Injury and Progression of Diabetic Kidney Disease. *Adv Chronic Kidney Dis*, 25(2), pp. 166–180.
- Zhang, S. *et al.*, 2021. Chlorogenic Acid Ameliorates Damage Induced by Fluorene-9-Bisphenol in Porcine Sertoli Cells. *Front. Pharmacol*, 12(678772), pp. 1-11.
- Zhang, X., Zeng, H., Bao, S., Wang, N. & Gillies, M. C., 2014. Diabetic macular edema: new concepts in patho-physiology and treatment. *Cell & Bioscience*, 4(27), pp. 5-7.