DAFTAR PUSTAKA

Alicic, R. Z., Rooney, M. T., & Tuttle, K. R. (2017). Diabetic Kidney Disease: challenges, progress, and possibilities. Clinical journal of the American Society of Nephrology : CJASN, 12(12), 2032–2045. https://doi.org/10.2215/CJN.11491116

Altındağ, F., & Özdek, U. (2021). Synergistic effects of sinapic acid and ellagic acid ameliorate streptozotocin-induced diabetic nephropathy by inhibiting apoptosis, DNA damage, and structural deterioration in rats. Human & experimental toxicology, 40(12_suppl), S290–S299. https://doi.org/10.1177/09603271211040825

Awad, A. R., Dkhil, M. A., & Danfour, M. A. (2007). Structural alterations of the glomerular wall and vessels in early stages of diabetes mellitus: (light and transmission electron microscopic study). The Libyan journal of medicine, 2(3), 135–138. https://doi.org/10.4176/070528

Banday, M. Z., Sameer, A. S., & Nissar, S. (2020). Pathophysiology of diabetes: an overview. Avicenna journal of medicine, 10(4), 174–188. https://doi.org/10.4103/ajm.ajm_53_20

Cantó, C., Menzies, K. J., & Auwerx, J. (2015). NAD(+) metabolism and the control of energy homeostasis: a balancing act between mitochondria and the nucleus. Cell metabolism, 22(1), 31–53. https://doi.org/10.1016/j.cmet.2015.05.023

Dal Monte, M., Cammalleri, M., Pecci, V., Carmosino, M., Procino, G., Pini, A., De Rosa, M., Pavone, V., Svelto, M., & Bagnoli, P. (2019). Inhibiting the urokinase-type plasminogen activator receptor system recovers STZ-induced

diabetic nephropathy. Journal of cellular and molecular medicine, 23(2), 1034–1049. https://doi.org/10.1111/jcmm.14004

Damasceno, D. C., Netto, A. O., Iessi, I. L., Gallego, F. Q., Corvino, S. B., Dallaqua, B., Sinzato, Y. K., Bueno, A., Calderon, I. M., & Rudge, M. V. (2014). Streptozotocin-induced diabetes models: pathophysiological mechanisms and fetal outcomes. BioMed research international, 2014, 819065. https://doi.org/10.1155/2014/819065

Fujita, Y., Tominaga, T., Abe, H., Kangawa, Y., Fukushima, N., Ueda, O., Jishage, K. I., Kishi, S., Murakami, T., Saga, Y., Kanwar, Y. S., Nagai, K., & Doi, T. (2018). An adjustment in BMP4 function represents a treatment for diabetic nephropathy and podocyte injury. Scientific reports, 8(1), 13011. https://doi.org/10.1038/s41598-018-31464-9

Ghasemi, A., & Jeddi, S. (2023). Streptozotocin as a tool for induction of rat models of diabetes: a practical guide. EXCLI journal, 22, 274–294. https://doi.org/10.17179/excli2022-5720

Ghasemi, A., Khalifi, S. and Jedi, S. (2014). Streptozotocin-nicotinamide-induced rat model of type 2 diabetes (Review). Acta Physiol Hung, 101(4), 408–420

Goyal R, Singhal M, Jialal I. Type 2 Diabetes. [Updated 2023 Jun 23]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2023 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK513253/

Holmes, A., Coppey, L. J., Davidson, E. P., & Yorek, M. A. (2015). Rat models of diet-induced obesity and high fat/low dose streptozotocin type 2 diabetes: effect of reversal of high fat diet compared to treatment with enalapril or

menhaden oil on glucose utilization and neuropathic endpoints. Journal of diabetes research, 2015, 307285. https://doi.org/10.1155/2015/307285

IDF, 2021. https://idf.org/our-network/regions-and-members/western-pacific/members/indonesia/

Kent, A. L., Koina, M. E., Gubhaju, L., Cullen-McEwen, L. A., Bertram, J. F., Lynnhtun, J., Shadbolt, B., Falk, M. C., Dahlstrom, J. E. (2014). Indomethacin administered early in the postnatal period results in reduced glomerular number in the adult rat. Am J Physiol Renal Physiol. 2014 Nov 15;307(10):F1105-10. doi: 10.1152/ajprenal.00328.2014. Epub 2014 Sep 3.

Lassén, E., & Daehn, I. S. (2020). Molecular mechanisms in early diabetic kidney disease: glomerular endothelial cell dysfunction. International journal of molecular sciences, 21(24), 9456. https://doi.org/10.3390/ijms21249456

Lv, Z., Hu, M., Fan, M. (2018). Podocyte-specific Rac1 deficiency ameliorates podocyte damage and proteinuria in STZ-induced diabetic nephropathy in mice., 342. https://doi.org/10.1038/s41419-018-0353-z

Magliano DJ, Boyko EJ; IDF Diabetes Atlas 10th edition scientific committee . IDF DIABETES ATLAS [Internet]. 10th edition. Brussels: International Diabetes Federation; 2021. Chapter 3, Global picture. Available from: https://www.ncbi.nlm.nih.gov/books/NBK581940/

Marino, F., Salerno, N., Scalise, M., Salerno, L., Torella, A., Molinaro, C., Chiefalo, A., Filardo, A., Siracusa, C., Panuccio, G., Ferravante, C., Giurato, G., Rizzo, F., Torella, M., Donniacuo, M., De Angelis, A., Viglietto, G., Urbanek, K., Weisz, A., Torella, D., … Cianflone, E. (2023). Streptozotocin-induced type 1 and 2 diabetes mellitus mouse models show different functional, cellular and

molecular patterns of diabetic cardiomyopathy. International journal of molecular sciences, 24(2), 1132. https://doi.org/10.3390/ijms24021132

Menini, S., Iacobini, C., Oddi, G. (2007). Increased glomerular cell (podocyte) apoptosis in rats with streptozotocin-induced diabetes mellitus: role in the development of diabetic glomerular disease. Diabetologia 50, 2591–2599. https://doi.org/10.1007/s00125-007-0821-y

Murray I, Paolini MA. Histology, Kidney and Glomerulus. [Updated 2022 Apr 21]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK554544/

Nakamichi, R., Hayashi, K., & Itoh, H. (2021). Effects of high glucose and lipotoxicity on diabetic podocytes. Nutrients, 13(1), 241. https://doi.org/10.3390/nu13010241

Nordheim, E., & Geir Jenssen, T. (2021). Chronic kidney disease in patients with diabetes mellitus. Endocrine connections, 10(5), R151–R159. https://doi.org/10.1530/EC-21-0097

Pourghasem, M., Shafi, H., & Babazadeh, Z. (2015). Histological changes of kidney in diabetic nephropathy. Caspian journal of internal medicine, 6(3), 120–127.

Prathita et al., 2023. https://r.search.yahoo.com/_ylt=Awrx_P3JlkhlHIAKIUjLQwx.;_ylu=Y29sbwNzZzMEcG9zAzEEdnRpZAMEc2VjA3Ny/RV=2/RE=1699284810/RO=10/RU=https%3a%2f%2fe-journal.unair.ac.id%2fFMI%2farticle%2fdownload%2f33584%2f26111%2f238027/RK=2/RS=KfSeDPPgXvv873f4WQLXp9pIYko-

Rehman, H.U., Ullah, K., Rasool, A. (2023). Comparative impact of streptozotocin on altering normal glucose homeostasis in diabetic rats compared to normoglycemic rats. Sci Rep 13, 7921. https://doi.org/10.1038/s41598-023-29445-8

Rosas-Martínez, L., Rodríguez-Muñoz, R., Namorado-Tonix, M. D. C., Missirlis, F., Del Valle-Mondragón, L., Sánchez-Mendoza, A., Reyes-Sánchez, J. L., & Cervantes-Pérez, L. G. (2021). Hyperglycemic levels in early stage of diabetic nephropathy affect differentially renal expression of claudins-2 and -5 by oxidative stress. Life sciences, 268, 119003. https://doi.org/10.1016/j.lfs.2020.119003

Sapra A, Bhandari P. Diabetes. [Updated 2023 June 21]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2023 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK551501/

Siu, B., Saha, J., Smoyer, W.E. (2006). Reduction in podocyte density as a pathologic feature in early diabetic nephropathy in rodents: Prevention by lipoic acid treatment. BMC Nephrol 7, 6. https://doi.org/10.1186/1471-2369-7-6

Snyder AN, Crane JS. Histology, Lipofuscin. [Updated 2023 May 1]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2023 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK537358/

Ulubay, M., Alkan, I., Yurt, K. K., & Kaplan, S. (2020). The protective effect of curcumin on the diabetic rat kidney: A stereological, electron microscopic and immunohistochemical study. Acta histochemica, 122(2), 151486. https://doi.org/10.1016/j.acthis.2019.151486

WHO, 2023. https://www.who.int/news-room/fact-sheets/detail/diabetes