

DAFTAR PUSTAKA

1. Mittelman L, Gomes MDA, Gontijo JVA, Salvato BE, Santoro JGB, Izidorio FT. Hyperglycemic In: Themes focused on interdisciplinarity and sustainable development worldwide V1. Journal seven editora; 2023 Feb 1;19:69–75.
2. Decroli E. Diabetes melitus tipe 2. Pusat penerbitan bagian ilmu penyakit dalam fakultas kedokteran universitas andalas. Jakarta; 2019. 1–65 p.
3. Kunnathoor CT. Family Health History and Trending to Prediabetes- a Warning Signal to Change of Life Style: A review. International journal of science and healthcare research. 2022 Mar 25;7(1):266–75.
4. Antoni M. Terapi Diabetes Melitus Tipe 2 Berbasis Hormon Inkretin. Jurnal kedokteran meditek. 2023 May 22;29(2):218–25.
5. Alleyne JS, Zvorygina T. Diabetes and preventable complications: Impact on the health-care system and the associated economic burden beyond direct health-care costs. Journal Limb preservation. 2024 Apr 19;5(1).
6. International diabetes federation. Diabetes around the world in 2021. International diabetes federation. Brussels, Belgium:2021
7. Ritika D, Sadakat B. Exploring the complications of type 2 diabetes mellitus: pathophysiology and management strategies. International journal of research & development (IJRD). 2024 Jul 27;173–82.
8. Indrawati R, Sidarningsih S, Irmawati A, Fahri AS, Tasya H, Razak FA. The role of interleukin 1 β (IL-1 β) and interleukin 6 (IL-6) on diabetes mellitus and its correlation with cardian rythm in wistar rats (*Rattus norvegicus*). Malaysian. Journal med health science .2023 Feb 1;19:69–75.
9. Sen DB, Balaraman R, Sen AK, Zanwar AS, Greeshma KP, Maheshwari RA. Anti-diabetic activity of herbal remedies. Journal of natural remedies. 2023 Jun 13;373–81.
10. Cortez-Navarrete M, Pérez-Rubio KG, Escobedo-Gutiérrez MJ. Role of fenugreek, cinnamon, curcuma longa, berberine and momordica charantia in type 2 diabetes mellitus treatment: A Review. Pharmaceuticals. 2023 Mar 30;16(4):515.

11. Kurniawan D, Syamtoni IP, Firmansyah T, Aisyah S, Ali H. Pengaruh pemberian ekstrak buah pohon andalas (*Morus macraura* Miq.) terhadap ekspresi gen ET-1 pada tikus model aterosklerosis. *majalah kedokteran andalas*. 2022;45(4):575–82.
12. Yadav DA, Sharma CS, Kaur's DN, Mishra DM, Shah DH. Hyperglycemic crisis and homoeopathy. *International journal of homoeopathic sciences*. 2022 Oct 1;6(4):425–7
13. González P, Lozano P, Ros G, Solano F. hyperglycemia and oxidative stress: *journal of health, technology and science*. 2023 May 27;24(11):9352.
14. Tantu R, Titin D, Niluh A. Description of blood glucose levels in obesity patients in puskesmas north city. *journal of health, technology and science (jhts)*. 2023 Feb 22;1(2):23–34.
15. Soelistijo SA, Suastika K, Lindarto D, Decroli E, Permana H, Sucipto KW. *Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia 2021*. PB Perkeni; Jakarta: 2021.
16. Kementerian Kesehatan RI. *Infodatin tetap produktif, cegah, dan atasi Diabetes Melitus 2020*. Pusat Data dan Informasi Kementerian Kesehatan RI. Jakarta: 2020. p. 1–10.
17. Maulida A, Maulana J, Fitriyani NL, Akbar H. Faktor resiko kejadian diabetes melitus (DM) pada tingkatan usia produktif (15-60 Tahun). *Jurnal gema*. 2023;14(1):300–9.
18. Tanaka T, Narazaki M, Kishimoto T. IL-6 in Inflammation, Immunity, and Disease. 2014;6(1):1-16
19. Morohoshi M, Fujisawa K, Uchimura I, Numano F. Glucose-dependent interleukin 6 and tumor necrosis factor production by human peripheral blood monocytes in vitro. *Journal Diabetes*. 1996;45(3):954-9.
20. Alhadi D, Zulmardi R. Sebaran Spasial Andalus (*Morus macroura* Miq.) di kawasan hutan konservasi taman nasional Kerinci Seblat. *Jurnal Sumatera tropical forest research (STROFOR)*. 2021 Jun 22 (1): 69-70.
21. Prihatini I, Widyatmoko A, Qiptiyah M, Frianto D, NovriyantI. Kajian keragaman genetik andalas (*Morus macroura*) untuk konservasi genetik flora asli Sumatera Barat the assesment of genetic diversity of Andalus (*Morus*

- macrourea) for genetic conservation of native flora of West Sumatra. 2021 Jun 22.
22. Parawansah P, Nuralifah N, Yulfa Y. Fraksi Ekstrak Etanol Buah Pare (*Mommordica charantia* L.) sebagai Antiinflamasi Terhadap Kadar Tumor Necrosis Factor Alpha (TNF- α). *Journal syifa Sciences and Clinical Research*. 2022 Aug 11;4(1).
 23. Duta-Bratu CG, Nitulescu GM, Mihai DP, Olaru OT. Resveratrol and other natural oligomeric stilbenoid compounds and their therapeutic applications plants. 2023 Aug 14;12(16):2935.
 24. Kiyama R. Estrogenic flavonoids and their molecular mechanisms of action. *J Nutr Biochem*. 2023 Apr;114:109250.
 25. Yuziani Y, Harefa AH, Khairunnisa Z. Uji efek nefroprotektif ekstrak etanol daun kari (*Murraya Koenigii* (L.) Spreng) terhadap kadar blood urea nitrogen (BUN) dan kreatinin tikus putih jantan galur wistar (*Rattus Norvegicus*) yang diinduksi doksorubisin. *Jurnal riset rumpun ilmu kesehatan*. 2023 Aug 22;2(2):98–125.
 26. Ghodaro M, Adeosun AM, Akinloye OA. Diabetes yang diinduksi aloksan, model umum untuk mengetahui potensi pengendalian glikemik. *jurnal science direct*. 2018 Feb 27; 12(3):365-374.
 27. Intan PR, Khariri. Pemanfaatan hewan laboratorium yang sesuai untuk pengujian obat. *jurnal riset rumpun ilmu kesehatan*. 2020 Sep 19;6(8): 214-220.
 28. World health organization. *General guidelines for methodologies on research and evaluation of traditional Medicine world health organization*. Tiongkok, China: 2000
 29. Wang X, Lin C, Wu S, Zhang T, Wang Y, Jiang Y, et al. Cannabidivarin alleviates neuroinflammation by targeting TLR4 co-receptor MD2 . *journal Immunol*. 2022 Aug 10;13
 30. Livak KJ, Schmittgen TD. Analysis of relative gene expression data using Real-Time Quantitative PCR and the $2^{-\Delta\Delta CT}$ Method. *Methods*. 2001 Dec;25(4):402– 8
 31. Perhimpunan Dokter Spesialis Mikrobiologi Klinik Indonesia. *Arti klinis*

nilai CT. Jakarta:2020

32. Bucciantini M, Leri M, Nardiello P, Casamenti F, Stefani M. Olive Polyphenols: Antioxidant and anti-inflammatory. *journal pmc* 2024 Des 18;(10), 80-83
33. Salama RM , Darwish SF, El Shaffei I, Elmongy NF, Fahmy, NM, Afifi M S. Ekstrak buah melindungi terhadap kolitis ulserativa yang diinduksi asam asetat pada tikus: *journal food and chemical toxicology*. 2022;16(5), 131-146.
34. Huang LY, Chiu CJ, Hsing CH, Hsu YH. IL-6 family cytokines in obesity and insulin sensitivity. *journal cytokines* 2022;11(24):40-41.
35. Singh S, Bansal A, Singh V, Chopra T, Poddar J. Flavonoids, alkaloids and terpenoids: a new hope for the treatment of diabetes mellitus. *journal diabetes metab disord*. 2022;21:941–950.
36. Jasmansyah. Fitokimia, aktivitas sitotoksik dan antimikroba metabolit sekunder dari kulit batang dan kultur akar *Morus macroura* Miq. Institut Teknologi Bandung; 2019 [cited 2024 Mar 30].

