

## DAFTAR PUSTAKA

1. Perkumpulan Endokrinologi Indonesia. Pedoman pengelolaan dan pencegahan diabetes melitus tipe 2 dewasa di indonesia-2021. PB. PERKENI. 2021. Available from : [https://pbperkeni.or.id/wp-content/uploads/2021/11/22-10-21-Website-Pedoman\\_Pengelolaan-dan\\_Pencegahan-DMT2-Ebook.pdf](https://pbperkeni.or.id/wp-content/uploads/2021/11/22-10-21-Website-Pedoman_Pengelolaan-dan_Pencegahan-DMT2-Ebook.pdf)
2. Harreiter J, Roden M. Diabetes mellitus: definition, classification, diagnosis, screening and prevention (Update 2023). *Wien Klin Wochenschr* [Internet]. 2023 Jan 1 [cited 2023 Sep 10];135(1):7–17. Available from: <https://link.springer.com/article/10.1007/s00508-022-02122-y>
3. Yarnita Y, Rayasari F, Kamil AR. Program self efficacy dalam perawatan kaki diabetes melitus tipe 2. *J Keperawatan*. 2023;15(1).
4. Fajriah J. Studi Kasus Asuhan Keperawatan Pada Klien Dengan Diabetes Melitus di Wilayah Kerja Puskesmas Harapan Baru Samarinda. *UMKT-DR*. 2022;
5. Antoni M. Terapi Diabetes Melitus Tipe 2 Berbasis Hormon Inkretin. *J Kedokt Meditek*. 2023;29(2).
6. Dhankhar S, Chauhan S, Mehta DK, Nitika, Saini K, Saini M, et al. Novel targets for potential therapeutic use in Diabetes mellitus. *Diabetol Metab Syndr* [Internet]. 2023 Feb 13;15(1):17. Available from: <https://dmsjournal.biomedcentral.com/articles/10.1186/s13098-023-00983-5>
7. IDF Diabetes Atlas 2021 | IDF Diabetes Atlas [Internet]. [cited 2023 Sep 10]. Available from: <https://diabetesatlas.org/atlas/tenth-edition/>
8. Suryani U, Yolanda Y, Ausrianti R, Yazia V, Hamdayani Program Studi DS, Mercubaktijaya Padang Stik, et al. Self Hipnosis untuk Mengatasi Keputusan pada Penderita Diabetes Mellitus. *J Peduli Masy* [Internet]. 2023 May 26 [cited 2023 Aug 25];5(2):265–8. Available from: <https://jurnal.globalhealthsciencegroup.com/index.php/JPM/article/view/1706>
9. Suraini AS. Prevalence Of Candida albicans Saliva Of Diabetes Melitus Patients In Mohammad Natsir Hospital Solok City. *J Biol Makassar*. 2023;8(1):51–9.
10. Shita ADP. Perubahan Level TNF- $\alpha$  dan IL-1 pada Kondisi Diabetes Mellitus. *Pros Dent Sci Meet II, Fak Kedokt Gigi, Univ Jember* [Internet]. 2015;(1):1–7. Available from: [https://repository.unej.ac.id/jspui/bitstream/123456789/62879/1/Prosiding\\_Amandia\\_Dewi\\_Permana\\_Shita.pdf](https://repository.unej.ac.id/jspui/bitstream/123456789/62879/1/Prosiding_Amandia_Dewi_Permana_Shita.pdf)
11. Indrawati R, Sidarningsih S, Irmawati A, Fahri AS, Tasya H, Razak FA. The Role of Interleukin 1 $\beta$  (IL-1  $\beta$ ) and Interleukin 6 (IL-6) on Diabetes Mellitus and its Correlation with Cardian Rythm in Wistar Rats (*Rattus norvegicus*). *Malaysian J Med Heal Sci*. 2023 Feb 1;19:69–75.
12. Cortez-Navarrete M, Pérez-Rubio KG, Escobedo-Gutiérrez M de J. Role of Fenugreek, Cinnamon, Curcuma longa, Berberine and Momordica charantia in Type 2 Diabetes Mellitus Treatment: A Review. *Pharmaceuticals* [Internet]. 2023 Mar 30;16(4):515. Available from: <https://www.mdpi.com/1424-8247/16/4/515>
13. Kurniawan D, Syamtoni IP, Firmansyah T, Aisyah S, Ali H. Artikel

- Penelitian Pengaruh Pemberian Ekstrak Buah Pohon Andalas (*Morus macraura* Miq.) Terhadap Ekspresi Gen ET-1 Pada Tikus Model Aterosklerosis [Internet]. Vol. 45. 2022. Available from: <http://jurnalmka.fk.unand.ac.id>
14. Wulandari R. Histopatologi Hati Mencit (*Mus musculus* L.) Hiperglikemia Setelah Pemberian Katekin Gambir (*Uncaria gambir* Roxb.). 2023 Jul 27;
  15. Suarsana IN, Utama IH, Agung IG, Suartini A. Pengaruh Hiperglikemia dan Vitamin E pada Kadar Malonaldehidida dan Enzim Antioksidan Intrasel Jaringan Pankreas Tikus. *Maj Kedokt Bandung*. 2011;43(2):72–6.
  16. Decroli E. Pathogenesis of Diabetic Neuropathy. 2013 [cited 2023 Nov 25]; Available from: <https://core.ac.uk/download/pdf/300591158.pdf>
  17. safithri fathiyah. potensi biji jintan hitam (*nigella sativa*) dalam regenerasi pankreas secara endogen pada diabetes mellitus tipe-2. *Saintika Med* [Internet]. 2017 Dec 1 [cited 2024 Aug 22];13(2):76–87. Available from: <https://ejournal.umm.ac.id/index.php/sainmed/article/view/5527>
  18. Widiyanti kr, wijaya imk, suputra pa. Diabetes melitus tipe 2: faktor risiko, diagnosis, dan tatalaksana. *Ganesha med*. 2021;1(2).
  19. Buku Prosiding Temu Ilmiah Geriatri 2021 Comprehensive Geriatric Management in New Era.
  20. Arifin AL. Panduan Terapi Diabetes Mellitus Tipe 2 Terkini [Internet]. [cited 2023 Sep 10]. Available from: [https://pustaka.unpad.ac.id/wp-content/uploads/2011/03/panduan\\_terapi\\_diabetes\\_mellitus.pdf](https://pustaka.unpad.ac.id/wp-content/uploads/2011/03/panduan_terapi_diabetes_mellitus.pdf)
  21. Fauza M, Febriawan R, Suharmanto I. Perkembangan Terbaru Pengobatan Herbal Untuk Diabetes Melitus Tipe 2 Agromedicine |. 2023;10:106–11.
  22. 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. *Maj Kedokt Andalas* [Internet]. 2022 Oct 12 [cited 2024 Feb 8];45(4):575–82. Available from: <http://jurnalmka.fk.unand.ac.id/index.php/art/article/view/1080>
  23. Ummah K. Hubungan Nilai Serum IL6 dengan luaran klinis pasien Sindrome koroner Akut dengan COVID-19 Di Rumah Sakit Dr.Wahidin Sudirohusodo. 2023 Sep 8;
  24. Ugrasena PY, Nugraha IS, Dewi NWRK. Andrographolide : Potency as Antiatherosclerosis in IL-1 $\beta$  Cytokine. *J Ilm Kesehat Sandi Husada* [Internet]. 2023 Jun 1 [cited 2023 Oct 8];12(1):190–200. Available from: <https://akper-sandikarsa.e-journal.id/JIKSH/article/view/991>
  25. Mai W, Liao Y. Targeting IL-1 $\beta$  in the Treatment of Atherosclerosis. *Front Immunol* [Internet]. 2020 Dec 10;11. Available from: <https://www.frontiersin.org/articles/10.3389/fimmu.2020.589654/full>
  26. Fahri A. pengaruh irama sirkadian pada peran IL-1 $\beta$  dan IL-6 terhadap diabetes melitus tikus wistar. 2021 [cited 2023 Sep 16]; Available from: [https://repository.unair.ac.id/104807/4/4.BAB\\_1.pdf](https://repository.unair.ac.id/104807/4/4.BAB_1.pdf)
  27. Hendrijantini N, Sitalaksmi RM, Ari MDA, Hidayat TJ, Putri PAN, Sukandar D. The expression of TNF- $\alpha$ , IL-1 $\beta$ , and IL-10 in the diabetes mellitus condition induced by the combination of spirulina and chitosan. *Bali Med J* [Internet]. 2020 Apr 1 [cited 2023 Sep 16];9(1):22–6. Available from: <https://balimedicaljournal.org/index.php/bmj/article/view/1625>
  28. Monita Y. Induksi akar tanaman andalas (*Morus macrourea* Miq.) Dengan

- berbagai konsentrasi iba secara in vitro. 2022 Feb 17;
29. Anwar A. (PDF) Andalas:Pohon Asli Sumatera yang Terlupakan [Internet]. 2020 [cited 2023 Oct 15]. Available from: [https://www.researchgate.net/publication/338801249\\_AndalasPohon\\_Aslis\\_Sumatera\\_yang\\_Terlupakan](https://www.researchgate.net/publication/338801249_AndalasPohon_Aslis_Sumatera_yang_Terlupakan)
  30. Gusmailina. Andalas (*Morus macroura* Miq); profil dan prospek sebagai tumbuhan obat dan kosmetika asal hutan. Semin Nas XVII Masy Peneliti Kayu Indones. 2014;(5):1–8.
  31. Budiyan R. Pengaruh pH dan suhu terhadap produksi antibiotika dari isolat bakteri endofitik pada tumbuhan andalas (*morus macroura miq.*) Skripsi sarjana biologi. 2016;(June). Available from: <http://scholar.unand.ac.id/20030/5/fix.pdf>
  32. Parawansah P, Nuralifah N, Yulfa Y. Fraksi ekstrak etanol buah pare (*mommordica charantia* L.) Sebagai antiinflamasi terhadap kadar tumor necrosis factor alpha (TNF- $\alpha$ ). J Syifa Sci Clin Res. 2022;4(1):10–7.
  33. Nazrun N, Hidayatiandri N, Susanti S, Mahardika RG. Potensi *Stenochlaena palustris* Burm. Sebagai Agen Antiinflamasi Berdasarkan Metode Ekstraksi PEF (Pulsed Electric Field): Sebuah Kajian Naratif. J Sains dan Edukasi Sains. 2021;4(2):66–74.
  34. Duta-Bratu CG, Nitulescu GM, Mihai DP, Olaru OT. Resveratrol and Other Natural Oligomeric Stilbenoid Compounds and Their Therapeutic Applications. Plants [Internet]. 2023 Aug 1 [cited 2024 Apr 14];12(16):2935. Available from: <https://www.mdpi.com/2223-7747/12/16/2935/htm>
  35. Kiyama R. Estrogenic flavonoids and their molecular mechanisms of action. J Nutr Biochem [Internet]. 2023;114:109250. Available from: <https://doi.org/10.1016/j.jnutbio.2022.109250>
  36. Penulis T, Rizky :, Bahi RR, Gonibala AP. Fitofarmaka. 2023 Jan 10 [cited 2024 Aug 26]; Available from: <https://repository.penerbitwidina.com/publications/558952/>
  37. Tanida Harefa A, Kreatinin Tikus Putih Jantan Galur Wistar Yang Diinduksi Doksorubisin D. 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. J Ris Rumpun Ilmu Kesehat [Internet]. 2023 Aug 22 [cited 2023 Oct 28];2(2):98–125. Available from: <https://prin.or.id/index.php/JURRIKES/article/view/1744>
  38. Abdillah R, Permatasari D, Badriyya E, Rachmaini F, Lailaturrahmi. Penuntun Praktikum Farmakologi. Univ Andalas [Internet]. 2020;1–67. Available from: <https://media.neliti.com/media/publications/171148-ID-peran-monosit-makrofag-pada-proses-angio.pdf>
  39. Longnecker DS. Anatomy and Histology of the Pancreas. Pancreapedia Exocrine Pancreas Knowl Base. 2021;
  40. Valente R, Coppola A, Scandavini CM, Halimi A, Magnusson A, Lauro A, et al. Interactions between the Exocrine and the Endocrine Pancreas. J Clin Med 2024, Vol 13, Page 1179 [Internet]. 2024 Feb 19 [cited 2024 Apr 12];13(4):1179. Available from: <https://www.mdpi.com/2077-0383/13/4/1179/htm>
  41. Manthovani AZ. Ekspresi gen ins1 pada tikus jantan strain sprague dawley

- yang diinduksi streptozotosin dan diberi ekstrak daun binahong ....  
RepositoryUinjktAcId [Internet]. Available from:  
<https://repository.uinjkt.ac.id/dspace/handle/123456789/64198>
42. Kristianingrum YP, Widyarini SWS, Kurniasih K, Sutrisno BSB, Tabbu crtrctcr, Sugiyono S. Gambaran Histopatologi Otak Tikus Akibat Injeksi Trimetyltin sebagai Model Penyakit Alzheimer. *J Sain Vet* [Internet]. 2017 Feb 1 [cited 2023 Nov 22];34(1):84–91. Available from: <https://doaj.org/article/7f20d220e5eb489599d398095f3b19f5>
  43. Livak KJ, Schmittgen TD. Analysis of relative gene expression data using real-time quantitative PCR and the 2(-Delta Delta C(T)) Method. *Methods* [Internet]. 2001 [cited 2023 Nov 19];25(4):402–8. Available from: <https://pubmed.ncbi.nlm.nih.gov/11846609/>
  44. Utara US. Gambaran Penyembuhan Luka Tikus Diabetes Dengan Fraksi Etil Asetat Daun Binahong ( *Anredera cordifolia* ( Tenore ) Steenis ) TALENTA Conference Series Gambaran Penyembuhan Luka Tikus Diabetes Dengan Fraksi Etil Asetat Daun Binahong ( *Anredera cordifolia* ( . 2018;1(3):4–8.
  45. Bharti SK, Krishnan S, Kumar A, Kumar A. Antidiabetic phytoconstituents and their mode of action on metabolic pathways. *Ther Adv Endocrinol Metab* [Internet]. 2018 Mar 1 [cited 2023 Nov 18];9(3):81–100. Available from: <https://pubmed.ncbi.nlm.nih.gov/29492244/>
  46. Sisca DY. Pengaruh pemberian mesenchymal stem cells wharton jelly terhadap ekspresi gen *calm1* dan *casp9* pada tikus alzheimer. 2021 Jan 7;
  47. Wang X, Lin C, Wu S, Zhang T, Wang Y, Jiang Y, et al. Cannabidiol alleviates neuroinflammation by targeting TLR4 co-receptor MD2 and improves morphine-mediated analgesia. *Front Immunol*. 2022 Aug 10;13.
  48. Abid N Bin, Naseer MI, Kim MO. Comparative gene-expression analysis of alzheimer’s disease progression with aging in transgenic mouse model. *Int J Mol Sci*. 2019;20(5).
  49. Kil K, Choi MY, Park KH. In vitro differentiation of human wharton’s jelly-Derived mesenchymal stem cells into auditory hair cells and neurons. *J Int Adv Otol*. 2016;12(1).
  50. Perhimpunan Dokter Spesialis Mikrobiologi Klinik Indonesia. Arti Klinis Nilai CT [Internet]. 2020. p. 1–4. Available from: <https://pamki.or.id/wp-content/uploads/2020/08/Arti-Klinis-Nilai-Ct.pdf>
  51. Rahma A, Martini R, Kusharto CM, Damayanthi E, Rohdiana D. Teh putih (*Camellia sinensis*) dan kelor (*Moringa oleifera*) sebagai antihiperqlikemia pada tikus Sprague dawley yang diinduksi streptozotocin. *J Gizi dan Pangan*. 2017;12(3):187–94.
  52. Bucciantini M, Leri M, Nardiello P, Casamenti F, Stefani M. Olive Polyphenols: Antioxidant and Anti-Inflammatory Properties. *Antioxidants* [Internet]. 2021 Jul 1 [cited 2024 Jun 6];10(7). Available from: [/pmc/articles/PMC8300823/](https://pubmed.ncbi.nlm.nih.gov/3500823/)
  53. T IKSSM, Santika IWM. Kajian Literatur Potensi dan Mekanisme Tanaman *Leunca* (*Solanum nigrum* L.) sebagai Nutrasetikal Antiinflamasi. *Pros Work dan Semin Nas Farm* [Internet]. 2023 Nov 10 [cited 2024 Jun 22];2:690–9. Available from: <https://ejournal1.unud.ac.id/index.php/wsnf/article/view/679>
  54. Shafiq Y, Naqvi SBS, Rizwani GH, Asghar MA, Bushra R, Ghayas S, et al.

A mechanistic study on the inhibition of bacterial growth and inflammation by Nerium oleander extract with comprehensive in vivo safety profile. *BMC Complement Med Ther* [Internet]. 2021 Dec 1 [cited 2024 Jun 6];21(1):1–19. Available from: <https://bmccomplementmedtherapies.biomedcentral.com/articles/10.1186/s12906-021-03308-z>

55. Mahmoud TN, El-Maadawy WH, Kandil ZA, Khalil H, El-fiky NM, El Alfy TSMA. Canna x generalis L.H. Bailey rhizome extract ameliorates dextran sulfate sodium-induced colitis via modulating intestinal mucosal dysfunction, oxidative stress, inflammation, and TLR4/ NF- $\kappa$ B and NLRP3 inflammasome pathways. *J Ethnopharmacol*. 2021 Apr 6;269:113670.
56. Sun X, Pang H, Li J, Luo S, Huang G, Li X, et al. The NLRP3 Inflammasome and Its Role in T1DM. *Front Immunol* [Internet]. 2020 Aug 27;11. Available from: <https://www.frontiersin.org/article/10.3389/fimmu.2020.01595/full>
57. Prameswari OM, Widjanarko SB. Uji Efek Ekstrak Air Daun Pandan Wangi Terhadap Penurunan Kadar Glukosa Darah Dan Histopatologi Tikus Diabetes Mellitus [In Press 2014]. *J Pangan dan Agroindustri* [Internet]. 2014 [cited 2024 Aug 30];2(2):16–27. Available from: <https://jpa.ub.ac.id/index.php/jpa/article/view/33>
58. Zakaria A, Yahya Z, Nurmayunita H. Pengaruh pemberian teh daun tin terhadap kadar gula darah pada penderita diabetes mellitus. 2019;
59. Eky Nursia LN, Wahyuni Muhsin S, Maisyaroh Fitri Siregar S, Kesehatan Masyarakat P, Kesehatan Masyarakat F. Pengaruh Ekstrak Air Selada Laut (*Ulva Lactuca*) Terhadap Berat Badan Pada Tikus Diabetes. *STIGMA J Mat dan Ilmu Pengetah Alam Unipa* [Internet]. 2020 Apr 30 [cited 2024 Sep 5];13(01):39–46. Available from: <https://jurnal.unipasby.ac.id/index.php/stigma/article/view/2571>

