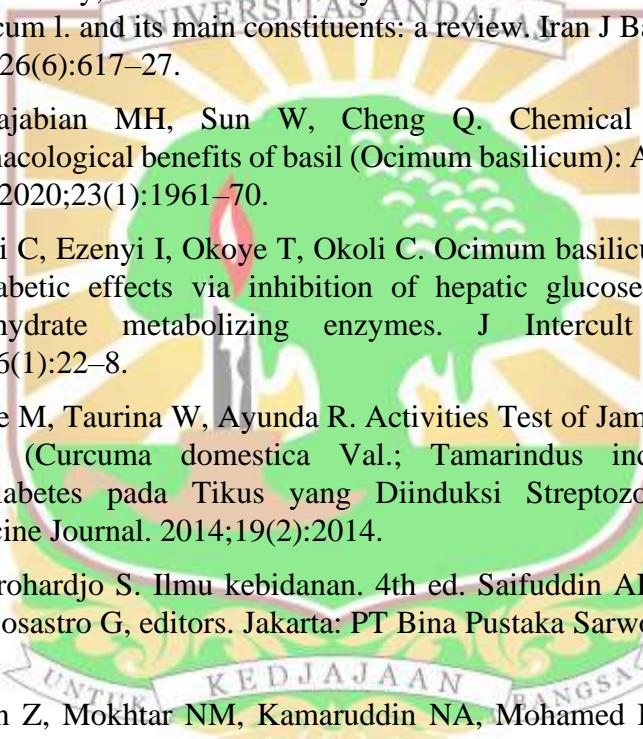
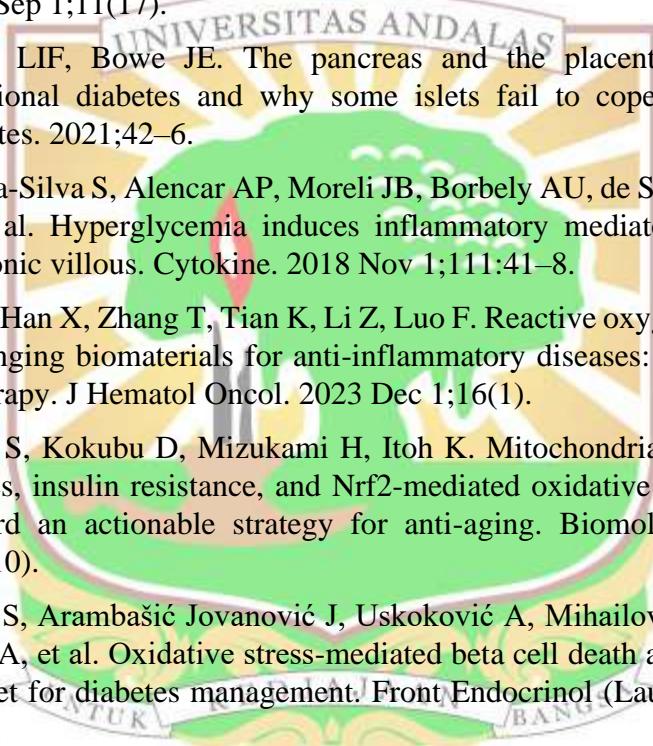


DAFTAR PUSTAKA

1. Li X, Li TT, Tian RX, Fei JJ, Wang XX, Yu HH, et al. Gestational diabetes mellitus: The optimal time of delivery. *World J Diabetes.* 2023 Mar 15;14(3):179–87.
2. Saeedi M, Cao Y, Fadl H, Gustafson H, Simmons D. Increasing prevalence of gestational diabetes mellitus when implementing the IADPSG criteria: A systematic review and meta-analysis. *Diabetes Res Clin Pract.* 2021 Feb 1;172.
3. Wang H, Li N, Chivese T, Werfalli M, Sun H, Yuen L, et al. IDF diabetes atlas: Estimation of global and regional gestational diabetes mellitus prevalence for 2021 by international association of diabetes in pregnancy study group's criteria. *Diabetes Res Clin Pract.* 2022 Jan 1;183.
4. Cunningham FG, Leveno KJ, Bloom SL, Spong CY, Dashe JS, Hoffman BL, et al. *Williams obstetrics.* New York; 2014.
5. Plows JF, Stanley JL, Baker PN, Reynolds CM, Vickers MH. The pathophysiology of gestational diabetes mellitus. Vol. 19, *International Journal of Molecular Sciences.* MDPI AG; 2018.
6. Yong HY, Mohd Shariff Z, Mohd Yusof BN, Rejali Z, Tee YYS, Bindels J, et al. Independent and combined effects of age, body mass index and gestational weight gain on the risk of gestational diabetes mellitus. *Sci Rep.* 2020 Dec 1;10(1).
7. Yang Y, Wu N. Gestational diabetes mellitus and preeclampsia: Correlation and influencing factors. *Front Cardiovasc Med.* 2022 Feb 16;9.
8. Mistry SK, Das Gupta R, Alam S, Kaur K, Shamim AA, Puthusseri S. Gestational diabetes mellitus (GDM) and adverse pregnancy outcome in south asia: A systematic review. *Endocrinol Diabetes Metab.* 2021 Oct 1;4(4).
9. Zygmuny-Siembida E, Wróblewski H, Zimna A, Wróblewska K, Kozdra M, Piasek L, et al. Gestational diabetes mellitus - pathogenesis, diagnosis, treatment and prognosis. *Quality in Sport.* 2023 Apr 8;11(1):11–5.
10. Schulze F, Wehner J, Kratschmar D V., Makshana V, Meier DT, Häuselmann SP, et al. Inhibition of IL-1beta improves glycaemia in a mouse model for gestational diabetes. *Sci Rep.* 2020 Dec 1;10(1).
11. Liu T, Deng JM, Liu YL, Chang L, Jiang YM. The relationship between gestational diabetes mellitus and interleukin 1beta gene polymorphisms in southwest of china. *Medicine (United States).* 2020 Oct 23;99(43):E22679.

- 
12. Elsayed NA, Aleppo G, Aroda VR, Bannuru RR, Brown FM, Bruemmer D, et al. Management of diabetes in pregnancy: Standards of care in diabetes—2023. *Diabetes Care*. 2023 Jan 1;46:S254–66.
13. Perkeni. Pedoman diagnosis dan penatalaksanaan hiperglikemia dalam kehamilan. In: 1st ed. PB PERKENI; 2021.
14. Devi Maya Arista, Rizki Amelia, Desiy Fitriani, Husnul Khotimah, Safrina Dewi Ratnaningrum, Yahya Irwanto, et al. Gestational diabetes mellitus: An overview and its potential treatment with herbs. *GSC Biological and Pharmaceutical Sciences*. 2023 Jun 30;23(3):261–73.
15. Kamelnia E, Mohebbati R, Kamelnia R, El-Seedi HR, Boskabady MH. Anti-inflammatory, immunomodulatory and anti-oxidant effects of *Ocimum basilicum* L. and its main constituents: a review. *Iran J Basic Med Sci*. 2023 Jun 1;26(6):617–27.
16. Shahrajabian MH, Sun W, Cheng Q. Chemical components and pharmacological benefits of basil (*Ocimum basilicum*): A review. *Int J Food Prop*. 2020;23(1):1961–70.
17. Ezeani C, Ezenyi I, Okoye T, Okoli C. *Ocimum basilicum* extract exhibits antidiabetic effects via inhibition of hepatic glucose mobilization and carbohydrate metabolizing enzymes. *J Intercult Ethnopharmacol*. 2017;6(1):22–8.
18. Andrie M, Taurina W, Ayunda R. Activities Test of Jamu Gendong Kunyit Asam (*Curcuma domestica* Val.; *Tamarindus indica* L.) Sebagai Antidiabetes pada Tikus yang Diinduksi Streptozotocin. *Traditional Medicine Journal*. 2014;19(2):2014.
19. Prawirohardjo S. Ilmu kebidanan. 4th ed. Saifuddin AB, Rachimhadhi T, Wiknjosastro G, editors. Jakarta: PT Bina Pustaka Sarwono Prawirohardjo; 2014.
20. Hasain Z, Mokhtar NM, Kamaruddin NA, Mohamed Ismail NA, Razalli NH, Gnanou JV, et al. Gut microbiota and gestational diabetes mellitus: A review of host-gut microbiota interactions and their therapeutic potential. *Front Cell Infect Microbiol*. 2020 May 15;10.
21. Zhou T, Du S, Sun D, Li X, Heianza Y, Hu G, et al. Prevalence and trends in gestational diabetes mellitus among women in the united states, 2006–2017: A population-based study. *Front Endocrinol (Lausanne)*. 2022 Jun 6;13.
22. Siswihanto R, Hurimah W, Sulistiowati P, Riski Ariesta D, Widri Enggal V, Sartono H, et al. Prevalence of gestational diabetes mellitus in the special region of yogyakarta. *MEDIKORA*. 2023;22(2):1–9.
23. Rodriguez BSQ, Mahdy H. Gestational diabetes. 2023.

- 
24. McIntyre HD, Catalano P, Zhang C, Desoye G, Mathiesen ER, Damm P. Gestational diabetes mellitus. *Nat Rev Dis Primers*. 2019 Dec;5(1).
 25. Saucedo R, Ortega-Camarillo C, Ferreira-Hermosillo A, Díaz-Velázquez MF, Meixueiro-Calderón C, Valencia-Ortega J. Role of oxidative stress and inflammation in gestational diabetes mellitus. *Antioxidants*. 2023 Oct 1;12(10).
 26. PAPDI. Buku ajar ilmu penyakit dalam edisi keenam. Vol. Jilid 2. 2014. 2428–2433 p.
 27. Sharma AK, Singh S, Singh H, Mahajan D, Kolli P, Mandadapu G, et al. Deep insight of the pathophysiology of gestational diabetes mellitus. *Cells*. 2022 Sep 1;11(17).
 28. Smith LIF, Bowe JE. The pancreas and the placenta: Understanding gestational diabetes and why some islets fail to cope with pregnancy. *Diabetes*. 2021;42–6.
 29. Corrêa-Silva S, Alencar AP, Moreli JB, Borbely AU, de S. Lima L, Scavone C, et al. Hyperglycemia induces inflammatory mediators in the human chorionic villous. *Cytokine*. 2018 Nov 1;111:41–8.
 30. Liu J, Han X, Zhang T, Tian K, Li Z, Luo F. Reactive oxygen species (ROS) scavenging biomaterials for anti-inflammatory diseases: From mechanism to therapy. *J Hematol Oncol*. 2023 Dec 1;16(1).
 31. Kasai S, Kokubu D, Mizukami H, Itoh K. Mitochondrial reactive oxygen species, insulin resistance, and Nrf2-mediated oxidative stress response—Toward an actionable strategy for anti-aging. *Biomolecules*. 2023 Oct 1;13(10).
 32. Dinić S, Arambašić Jovanović J, Uskoković A, Mihailović M, Grdović N, Tolić A, et al. Oxidative stress-mediated beta cell death and dysfunction as a target for diabetes management. *Front Endocrinol (Lausanne)*. 2022 Sep 23;13.
 33. Purnamasari D, Waspadji S, Adam JM, Rudijanto A, Tahapary D. Indonesian clinical practice guidelines for diabetes in pregnancy. *JAFES*. 2013;28(1).
 34. Theodoraki A, Baldeweg SE. Gestational diabetes mellitus. London; 2008 Oct.
 35. American Diabetes Association. Classification and diagnosis of diabetes: Standards of medical care in diabetes-2020. *Diabetes Care*. 2020 Jan 1;43:S14–31.

36. Sheiner E. Gestational diabetes mellitus: Long-term consequences for the mother and child grand challenge: How to move on towards secondary prevention? *Frontiers in Clinical Diabetes and Healthcare*. 2020 Nov 4;1.
37. Moon JH, Jang HC. Gestational diabetes mellitus: Diagnostic approaches and maternal-offspring complications. *Diabetes Metab J*. 2022 Jan 1;46(1):3–14.
38. Guntur A, Selena M, Bella A, Leonarda G, Leda A, Setyaningsih D, et al. Kemangi (*Ocimum basilicum* L.): Kandungan kimia, teknik ekstraksi, dan uji aktivitas antibakteri. *Journal of Food and Pharmaceutical Sciences*. 2021;2021(3):513–28.
39. Bilal A, Jahan N, Ahmed A, Naaz Bilal S, Habib S, Hajra S. Phytochemical and pharmacological studies on *Ocimum basilicum* linn - A review. *Res Rev*. 2012 Dec;(23):73–83.
40. Lina M, Kumalasari F, Andiarna F, Psikologi F, Uin K, Ampel S, et al. Uji fitokimia ekstrak etanol daun kemangi (*Ocimum basilicum* L.). *Indonesian Journal for Health Sciences*. 2020;4(1):39–44.
41. Nurzyńska-Wierdak R. Sweet basil (*Ocimum basilicum* L.) flowering affected by foliar nitrogen application. 2011;64(1):57–64.
42. Qasem A, Assaggaf H, Mrabti HN, Minshawi F, Rajab BS, Attar AA, et al. Determination of chemical composition and investigation of biological activities of *Ocimum basilicum* L. *Molecules*. 2023 Jan 1;28(2).
43. Al-Khayri JM, Sahana GR, Nagella P, Joseph B V., Alessa FM, Al-Mssallem MQ. Flavonoids as potential anti-inflammatory molecules: A review. *Molecules*. 2022 May 1;27(9).
44. Agati G, Brunetti C, Fini A, Gori A, Guidi L, Landi M, et al. Are flavonoids effective antioxidants in plants? Twenty years of our investigation. *Antioxidants*. 2020 Nov 1;9(11):1–17.
45. González P, Lozano P, Ros G, Solano F. Hyperglycemia and oxidative stress: An integral, updated and critical overview of their metabolic interconnections. *Int J Mol Sci*. 2023 Jun 1;24(11).
46. Prawitasari DS. Diabetes melitus dan antioksidan. *KELUWIH: Jurnal Kesehatan dan Kedokteran*. 2019 Dec 17;1(1):48–52.
47. Fields JK, Günther S, Sundberg EJ. Structural basis of IL-1 family cytokine signaling. *Front Immunol*. 2019;10(JUN).
48. Chan AH, Schroder K. Inflamasome signaling and regulation of interleukin-1 family cytokines. *Journal of Experimental Medicine*. 2020 Jan 6;217(1).

49. Rivers-Auty J, Daniels MJD, Colliver I, Robertson DL, Brough D. Redefining the ancestral origins of the interleukin-1 superfamily. *Nat Commun.* 2018 Dec 1;9(1).
50. Galozzi P, Bindoli S, Doria A, Sfriso P. The revisited role of interleukin-1 alpha and beta in autoimmune and inflammatory disorders and in comorbidities. *Autoimmun Rev.* 2021 Apr 1;20(4).
51. Kaneko N, Kurata M, Yamamoto T, Morikawa S, Masumoto J. The role of interleukin-1 in general pathology. *Inflamm Regen.* 2019 Jun 6;39(1).
52. Maghfirah AI, Esa T, Bahrun U. Memahami interleukin-1 beta (IL-1 β) sebagai sitokin pro-inflamasi. *Medika Alkhairaat.* 2023;135–43.
53. Kottaisamy CPD, Raj DS, Prasanth Kumar V, Sankaran U. Experimental animal models for diabetes and its related complications—A review. *Lab Anim Res.* 2021 Dec 1;37(1).
54. He Y, Wu N, Yu W, Li L, Ouyang H, Liu X, et al. Research progress on the experimental animal model of gestational diabetes mellitus. *Diabetes, Metabolic Syndrome and Obesity.* 2020;13:4235–47.
55. Husna F, Suyatna FD, Arozal W, Purwaningsih EH. Model hewan coba pada penelitian diabetes. *Pharmaceutical Sciences and Research (PSR).* 2019;6(3):131–41.
56. Ihwah A, Deoranto P, Wijana S, Dewi IA. Comparative study between federer and gomez method for number of replication in complete randomized design using simulation: Study of areca palm (*Areca catechu*) as organic waste for producing handicraft paper. *IOP Conf Ser Earth Environ Sci.* 2018 Mar 22;131(1).
57. Giri B, Dey S, Das T, Sarkar M, Banerjee J, Dash SK. Chronic hyperglycemia mediated physiological alteration and metabolic distortion leads to organ dysfunction, infection, cancer progression and other pathophysiological consequences: An update on glucose toxicity. *Biomedicine and Pharmacotherapy.* 2018 Nov 1;107:306–28.
58. Bensaid A, Boudard F, Servent A, Morel S, Portet K, Guzman C, et al. Differential nutrition-health properties of *Ocimum basilicum* leaf and stem extracts. *MDPI Foods.* 2022 Jun 1;11(12).
59. Burgos-Morón E, Abad-Jiménez Z, de Marañón AM, Iannantuoni F, Escribano-López I, López-Domènech S, et al. Relationship between oxidative stress, ER stress, and inflammation in type 2 diabetes: The battle continues. *J Clin Med.* 2019 Sep 1;8(9).
60. Nadeem HR, Akhtar S, Sestili P, Ismail T, Neugart S, Qamar M, et al. Toxicity, antioxidant activity, and phytochemicals of basil (*Ocimum*

basilicum L.) leaves cultivated in southern punjab, pakistan. Foods. 2022 May 1;11(9).

61. Takeuchi H, Takahashi-Muto C, Nagase M, Kassai M, Tanaka-Yachi R, Kiyose C. Anti-inflammatory effects of extracts of sweet basil (*Ocimum basilicum* L.) on a co-culture of 3t3-L1 adipocytes and RAW264.7 Macrophages. *J Oleo Sci.* 2020;69(5):487–93.
62. Akhwanis Syifa F, Adi Nugraha Putra R, Muh Maulana A. Pengaruh pemberian ekstrak etanol daun kemangi (*Ocimum basilicum* L.) terhadap cedera tubulus ginjal (kajian pada bahan biologis tersimpan (BBT) ginjal tikus putih). *Herb-Medicine Journal.* 2021;4(4):40–50.
63. Widjaja SS, Rusdiana, Savira M. Glucose lowering effect of basil leaves in diabetic rats. *Open Access Maced J Med Sci.* 2019 May 15;7(9):1415–7.
64. Tandi J, Handayani TW, Widodo A. Qualitative and quantitative determination of secondary metabolites and antidiabetic potential of *Ocimum basilicum* L. leaves extract. *Rasayan Journal of Chemistry.* 2021;14(1):622–8.
65. Fardhani IM, Graciella C. Potensi aktivitas antidiabetes daun kemangi (*Ocimum basilicum*): Literature review. *PREPOTIF : Jurnal Kesehatan Masyarakat.* 2023;7(1):564–74.

