

DAFTAR PUSTAKA

1. World Health Organization 2017. Diabetes. Media Centre. Diunduh dari <http://www.who.int/mediacentre/factsheets/fs312/en/>. Diakses November 2018.
2. Manaf A. Insulin: mekanisme sekresi dan aspek metabolisme. Dalam: Setiati S, Alwi I, Sudoyo A, Simadibrata M, Setiyohadi B & Fahrial A, eds. Buku Ajar Ilmu Penyakit Dalam. Jakarta: Interna Publishing; 2014, 2350-2354.
3. Bajaj S, Khan A. Antioxidants and diabetes. *Indian J Endocr Metab.* 2012; 16:S267-71.
4. Birben E, Sahiner UM, Sackesen C, Erzurum S & Kalay O. Oxidative stress and antioxidant defense. *WAO Journal.* 2012. 5: 9-19.
5. Yoshikawa T & Naito Y. What is oxidative stress. *JMAJ.* 2002. 45(7): 271-276.
6. Zheng Y, Ley SH & Hu FB. Global aetiology and epidemiology of type 2 diabetes mellitus and its complications. *Nature Reviews Endocrinology.* 2017. 14(2): 88-98.
7. Kementerian Kesehatan RI. Riset kesehatan dasar 2013. Badan Penelitian dan Pengembangan Kesehatan. 2013.
8. Cefalu WT, Stephens JM & Ribnicky DM. Diabetes and herbal (botanical) medicine. In: Benzie IFF, Wachtel-Galor S, editors. *Herbal medicine: bimolecular and clinical aspects.* 2nd ed. USA: CRC Press. 2011.
9. Bhatt PR, Pandya KB & Sheth NE. *Camellia sinensis* (L): the medicinal beverage: a review. 2010. 3(2): 7-9.
10. Namita P, Mukesh R & Vijay KJ. *Camellia sinensis* (green tea): a review. *Global Journal of Pharmacology.* 2012. 6(2): 52-59.
11. Mahmood T, Akhtar N & Khan BA. The morphology, characteristics, and medical properties of *camellia sinensis* tea. *Journal of Medical Plants Research.* 2010. 4(19): 2028-2033.
12. Pandey KB & Rizvi SI. Plant polyphenols as dietary antioxidants in human health and disease. *Oxidative Medicine and Cellular Longevity.* 2009. 2(5): 270-278.
13. Towaha J & Balittri. Kandungan senyawa kimia pada daun teh. *Warta Penelitian dan Pengembangan Tanaman Industri,* 2013. 19(3): 12-16.

14. Fu QY, Li QS, Lin XM, Qiao RY, Yang R, Li XM, et al. Antidiabetic effect of tea. *Molecules*. 2017. 22(5): 849.
15. Punthakee Z, Goldenberg R & Katz P. Definition, classification, and diagnosis of diabetes, prediabetes and metabolic syndrome. *Canadian Journal of Diabetes*. 2018. 510-515.
16. American Diabetes Association. Classification and diagnosis of diabetes: standards of medical care in diabetes-2018. *Diabetes Care*. 2018. 41(suppl. 1): 513-527.
17. Decroli E. Diabetes melitus tipe 2. Padang: Pusat Penerbitan Bagian Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Andalas. 2019.
18. Infodatin - Pusat Data dan Informasi Kementerian Kesehatan RI. Situasi dan analisis diabetes. Jakarta Selatan: 2014.
19. Mouri M & Badireddy M. Hyperglucemia. StatPearls Publishing. 2019
20. Lovric J, Mesic M, Macan M, Koprivanac M, Kelava M & Bradamante V. Measurement of malondialdehyde level in rat plasma after simvastatin treatment using two different analytical methods. *Periodic Biologorum*. 2008. 110(1): 63-67
21. Rohilla A & Ali S. Alloxan induced diabetes: mechanisms and effects. *International Journal of Research in Pharmaceutical and Biomedical Sciences*. 2012. 3(2): 819-823
22. Rahal A, Kumar A, Singh V, Yadav B, Tiwari R, Chakraborty S, & Dhama K. Oxidative stress, prooxidants, and antioxidants: the interplay. *BioMed Research International*. 2014. 1-19.
23. American Diabetes Association. The pathobiology of diabetic complications. *Diabetes Care*. 2005. 54(6): 1615-1625
24. Bernatoniene J, Kopustinskiene DM. The role of catechins in cellular responses to oxidative stress. *Molecules*. 2018. 23(4): 965
25. Muliani H. Pertumbuhan mencit (mus musculus) setelah pemberian biji jarak pagar. *Buletin Anatomi dan Fisiologi*. 2011. 19:1
26. World Health Organization. General guideline for methodologies on research and evaluation of traditional medicine. Geneva: World Health Organization Geneva.;2000.
27. Madiyono B, Moeslichan S, Sastroasmoro S, Budiman I dan Purwanto SH. Perkiraan besar sampel. Dalam: *Dasar-dasar Metodologi Penelitian Klinis*. Edisi ke 4. Jakarta: Sagung Seto. 2011. 348-381

28. Rietveld A & Wiseman S. Antioxidant effect of tea: evidence from human clinical trials. American Society for Nutritional Sciences. 2003. 3285S-3292S
29. Moselhy HF, Reid RG, Yousef S, Boyle SP. A specific, accurate, and sensitive measure of total plasma malondialdehyde by HPLC. Journal of Lipid Research. 2013. 54: 852-858.
30. Stevani H. Praktikum farmakologi. Modul Bahan Ajar Cetak Farmasi. 2016.
31. Mostafavinia A, Amini A, Ghorishi SK, Pouriran R, Bayat M. The effect of dosage and the routes of administrations of streptozotocin and alloxan on induction rate of type1 diabetes mellitus and mortality rate in rats. Lab Anim Res. 2016. 32(3): 160-165.
32. Choygale AD, Panaskar SN, Gurao PM dan Arvindekar AU. Optimization of alloxan dose in essential to induce stable diabetes for prolonged period. Asian Journal of Biochemistry. 2007. 2(6): 402-408
33. Uzunalic AP, Skerget M, Knez Z, Weinreinch B, Otto F, dan Gruner S. Extraction of active ingredients from green tea (*Camellia sinensis*) : extraction efficiency of major catechins and caffeine. Food Chemistry. 2006. 597-605
34. Sirait M. Farmakope Indonesia ed.5. Jakarta. DEPKES RI.2014
35. Yurista SR, Ferdian RA, dan Sargowo D. Principles. of the 3Rs and ARRIVE guidelines in animal research. Jurnal Kardiologi Indonesia. 2016. 37: 156-163
36. Ighodaro OM, Adeosun AM, Akinloye OA. Alloxan-induced diabetes, a common model for evaluating the glycemic-control potential of therapeutic compounds and plants extracts in experimental studies. Medicina. 2018
37. Sharma V, Gupta AK, Walia A. Effect of green tea on diabetes mellitus. Acta Scientific Nutritional Health. 2019. 3(7): 27-31
38. Haidari F, Omidian K, Rafiei H Zarei M, shahi MM. Green tea supplementation to diabetic rat improves serum and hepatic oxidative stress marker. Iranian Journal of Pharmaceutical Research. 2013. 12(1): 109-114
39. Suryawanshi NP, Bhutey AK, Nagdeote N, Jadhav AA, dan Manookar GS. Study of lipid peroxide and lipid profile in diabetes mellitus. Indian Journal of Clinical Biochemistry. 2006. 21(1): 126-130.
40. Ayala A, Munoz MF, dan Arguelles S. Lipid peroxidation: production, metabolism, and signaling mechanism of malondialdehyde and 4-hydroxy-2-nonenal. Hindawi. 2014.

41. Syahmar U. Pengaruh pemberian teh hijau terhadap aktivitas katalase darah pada tikus wistar diabetes melitus yang diinduksi aloksan. Universitas Andalas. 2016.
42. Mukty MI. Effect of green tea (camellia sinensis) on blood glucose, mda, and sod activity. Perpustakaan Airlangga. 2018.

