

## DAFTAR PUSTAKA

1. Veronica. WF. *Pharmacotherapeutics for Advanced Practice*. 3rd ed. Virginia Poole Arcangelo, editor. 696–698 hal.
2. American Diabetes Association. Definition and description of diabetes other categories of glucose. 2010;33.
3. Atlas IDFD. *Idf diabetes atlas*. 2019.
4. Hassan SK, El-sammad NM, Mousa AM, Mohammed MH, Hussein R, Nassir A, et al. *Asian Pacific Journal of Tropical Biomedicine*. Asian Pac J Trop Biomed. 2015;5(6):462–71.
5. Rahman AHMM, Parvin MIA. Study of Medicinal Uses on Fabaceae Family at Rajshahi ., 2016;(January 2014).
6. Widodo H, Rohman A, Sismindari S. Pemanfaatan Tumbuhan Famili Fabaceae untuk Pengobatan Penyakit Liver oleh Pengobat Tradisional Berbagai Etnis di Indonesia. *Media Penelit dan Pengemb Kesehat*. 2019;29(1):65–88.
7. Guyton A. *Fisiologi Manusia dan Mekanisme Kerja Penyakit*. Andrianto, editor. Jakarta: Buku kedokteran EGC; 1990. 609 hal.
8. Mutschler E. *Dinamika Obat*. 5th ed. Bandung: ITB; 1991. 339–346 hal.
9. Gan GS. *Farmakologi dan Terapi*. 6th ed. Jakarta: Badan Penerbit FKUI; 2016.
10. M.J N, *At a Glance. Farmakologi Medis*. 5th ed. Jakarta: Erlangga; 2006. 78–79 hal.

11. Viktor O. Diet and risk of acute pancreatitis. [https://www.researchgate.net/figure/a-Location-and-anatomy-of-the-pancreas-colored-in-yellow-Modified-from-Wikiversity\\_fig1\\_303365676](https://www.researchgate.net/figure/a-Location-and-anatomy-of-the-pancreas-colored-in-yellow-Modified-from-Wikiversity_fig1_303365676). Diakses 15 Feb,2020. 2016;
12. Slamet S, dkk. Penatalaksanaan Diabetes Melitus Terpadu. 2th ed. Jakarta: Balai penerbit FKUI; 2009.
13. Elin YS, Retnosari A, SJ I, Adyana K, SA P, Kusnandar. Iso Farmakoterapi. Jakarta: PT Isfi Penerbitan; 2008.
14. Sylvia P, W Lorraine. Patofisiologi. 6th ed. Jakarta: EGC; 2005.
15. Stephen JM, Ganong PWF. Patofisiologis Penyakit. V. Jakarta: buku kedokteran;
16. Oliver J. Guidelines for the Prevention, Management and Care of Diabetes Mellitus. J Chem Inf Model. 2013;53.
17. Hoan T, R K. Obat-Obat Penting. Jakarta: PT Elex Media Komputindo; 2007.
18. Pencegahan PDAN, Indonesia DI. Pengelolaan dan pencegahan diabetes melitus tipe 2 di indonesia. 2015.
19. Goodman Hardman JG LL, Gilman. Dasar Farmakologi Terapi. 10 volume. Jakarta: EGC; 2012.
20. Kumar S, Kumar V, Prakash O. Antidiabetic and anti-lipemic effects of Cassia siamea leaves extract in streptozotocin induced diabetic rats. Asian Pac J Trop Med. 2010;3(11):871–3.
21. Furman BL. Streptozotocin-Induced Diabetic Models in Mice and Rats

- Streptozotocin-Induced Diabetic Models. 2015;(September).
22. Jangir RN, Jain GC, Jangir RN. Evaluation of Antidiabetic Activity of Hydroalcoholic Extract of *Cassia fistula* Linn . pod in Streptozotocin-Induced Diabetic Rats. 2017;9(5):599–606.
  23. BPOM. Uji Toksisitas Non Klinik in vivo Pedoman. 2014.
  24. BPOM. Cara Pembuatan Simplisia. Jakarta: Departemen Kesehatan Republik Indonesia; 1985.
  25. BPOM. Suplemen III. Farmakope Herbal Indonesia. Jakarta: Kementerian Kesehatan Republik Indonesia; 2013.
  26. Mukhriani. Ekstraksi, Pemisahan Senyawa, Dan Identifikasi Senyawa Aktif. Fak Ilmu Kesehatan, Progr Stud Farm Uin Alauddin Makassar. 2014;
  27. Sachan AK, Rao C V, Sachan NK. Determination of Antidiabetic Potential in Crude Extract of *Caesalpinia bonducella* Wild on normal and Streptozotocin Induced Diabetic Rats Determination of Antidiabetic Potential in Crude Extract of *Caesalpinia bonducella* Wild on normal and Streptozotocin. 2020;(February).
  28. Habib MA, Anisuzzaman ASM, Khan MRI, Gafur MA. Chemical and pharmacological characterization of hypolipidemic compound from *Cajanus Cajan*. Bangladesh J Pharmacol. 2010;5(1).
  29. Shamim A, Mahmood T, Siddiqui HH, Bagga P. Effect of ethanolic extract of *Glycyrriza glabra* against streptozotocin and high-fat diet-induced diabetes and hyperlipidemia high-fat diet-induced diabetes and

- hyperlipidemia. 2016;(april).
30. Chowtivannakul P, Srichaikul B. Antidiabetic and antioxidant activities of seed extract from *Leucaena leucocephala* ( Lam .) de Wit. *Agric Nat Resour.* 2017;50(5):357–61.
  31. Tripathi AK, Kohli S. Anti-Diabetic Activity and Phytochemical Screening of Crude Extracts of. 2013;3(3):66–73.
  32. Maiti R, Misra DS, Ghosh D. Hypoglycemic and Hypolipidemic Effect of Seed Hydromethanolic Extract of *Tamarindus indica L.* on Streptozotocin-Induced Diabetes Mellitus in Rat. *Am J Phytomedicine Clin Ther.* 2014;2.
  33. Yupparach P, Konsue A, Materials P. Hypoglycemic and Hypolipidemic Activities of Ethanolic Extract from *Mimosa pudica L.* in Normal and Streptozotocin-Induced Diabetic Rats. 2017;9(6):834–7.
  34. Kamagaté M, Koffi C. Ethnobotany, phytochemistry, pharmacology and toxicology profiles of *Cassia siamea* Lam. *J Phytopharm [Internet].* 2014;3(1):57–76.
  35. Jangiti RK, Battu GR, Majji LN, Talluri MR. International Journal of Phytopharmacology evaluation of antidiabetic activity of *Cassia siamea* leaves in alloxan induced diabetic RATS. *Int J Phytopharm.* 2013;4(4):237–40.
  36. Kumar D, Jain A, Verma A. Phytochemical and Pharmacological Investigation of *Cassia Siamea* Lamk: An Insight. *Nat Prod J.* 2017;7(4).
  37. Ningrum DW, Kusrini D, Fachriyah E. *Jurnal Kimia Sains dan Aplikasi Uji Aktivitas Antioksidan Senyawa Flavonoid dari Ekstrak Etanol.*

- 2017;20(3):123–9.
38. Ezike AC, Akah PA, Okoli CC, Okpala CB. Experimental evidence for the antidiabetic activity of *Cajanus cajan* leaves in rats. *J basic Clin Pharm.* 2010;1(2):81–814.
39. Anwar MM, Kalpana MA, Bhadra B, Rahman S, Sarker S, Chowdhury MH, et al. Antihyperglycemic activity and brine shrimp lethality studies on methanol extract of *Cajanus cajan* (L.) Millsp. leaves and roots. *Adv Nat Appl Sci.* 2010;4(3):311–6.
40. Thirumalai T, Beverly CD, Sathiyaraj K, Senthilkumar B, David E. Ethnobotanical Study of Anti-diabetic medicinal plants used by the local people in Javadhu hills Tamilnadu, India. *Asian Pac J Trop Biomed.* 2012;2(2 SUPPL.).
41. Raisa K, Farhana M, Muhammad J. Antioxidant evaluations of polar and non-polar fractions of *Cajanus cajan* seeds. *J Med Plants Res.* 2015;9(6):193–8.
42. Nahar L, Nasrin F, Zahan R, Haque A, Haque E, Mosaddik A. Comparative study of antidiabetic activity of *Cajanus cajan* and *Tamarindus indica* in alloxan-induced diabetic mice with a reference to in vitro antioxidant activity. *Pharmacognosy Res.* 2014;6(2):180–7.
43. Sahu M, Vermaand D, Harris KK. Phytochemical analysis of the Leaf , Stem and Seed Extracts of *Cajanus Cajan* L ( Dicotyledoneae : Fabaceae ). *World J Pharm Pharm Sci.* 2014;3(8):694–733.
44. Dambal SS, Kumari S. Relationship of Obesity with Micronutrient status.

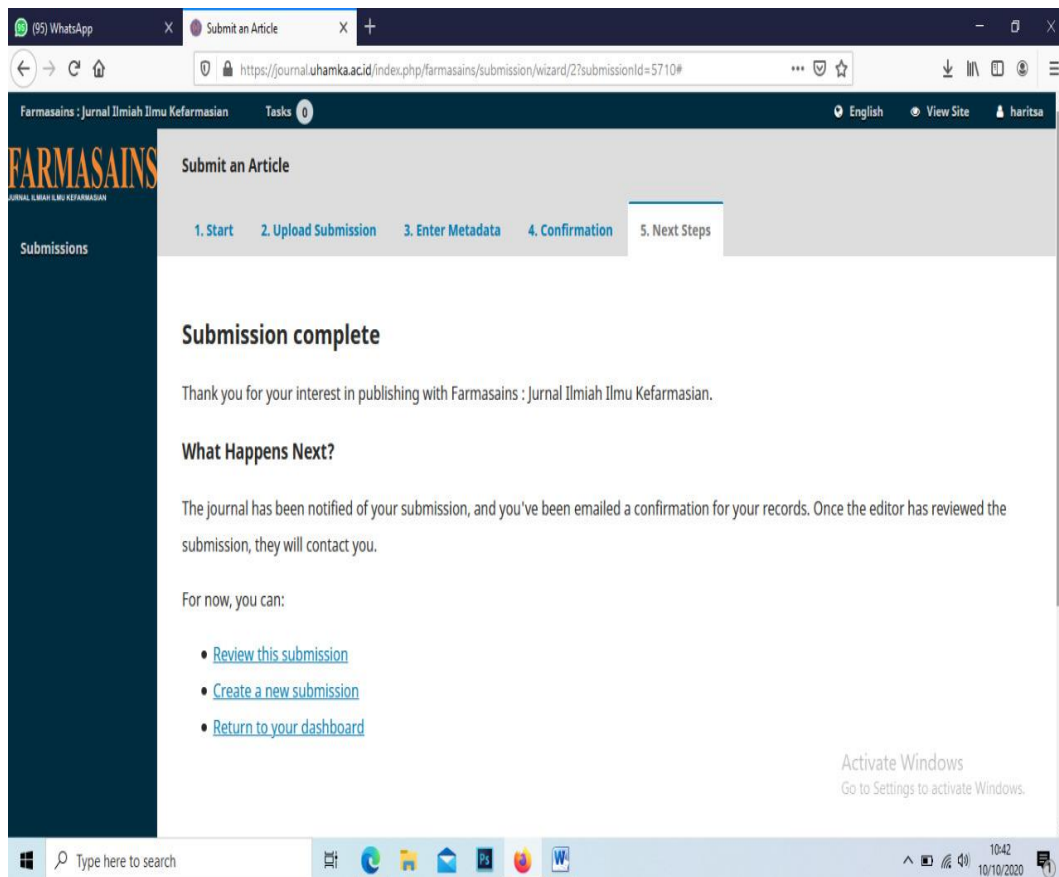
- Int J Appl Biol Pharm Technol. 2011;2(Jan-Mar):280–4.
45. Sakulpanich A, Chewchinda S, Sithisarn P, Gritsanapan W. Standardization and toxicity evaluation of *Cassia fistula* pod pulp extract for alternative source of herbal laxative drug. *Pharmacogn J*. 2012;4(28):6–12.
  46. Swati S, Kanungo VK. Ethnobotanical survey of Surguja district with special reference to plants used by uraon tribe in treatment of respiratory diseases. *Int J Herb Med*. 2013;1(3):131–4.
  47. Irshad M, Singh M, Rizvi MA. Assessment of Anthelmintic Activity of *Cassia Fistula* L. IDOSI; 2010.
  48. Ramachandra YL. Gc-Ms Analysis of Methanol Extract of *Cassia Fistula* and Its in Vitro Anticancer Activity on Human ... 2015;(March).
  49. Gupta UC, Jain GC. Study on Hypolipidemic Activity of *Cassia fistula*. Legume in Rats. *Asian J Exp Sci*. 2009;23(1):241–8.
  50. Gobianand K, Vivekanandan P, Pradeep K, Mohan CVR, Karthikeyan S. Anti-inflammatory and antipyretic activities of Indian medicinal plant *Cassia fistula* Linn. (Golden Shower) in Wistar Albino rats. *Int J Pharmacol*. 2010;6(5):719–25.
  51. Bhatia A, Goel A. Advances in Bioresearch Phytochemicals Screening and Analysis using HPLC to determine the Antimicrobial efficacy of *Cassia fistula* extract. 2014;(December 2018).
  52. Sakulpanich A, Chewchinda S, Sithisarn P, Gritsanapan W. Standardization and toxicity evaluation of *Cassia fistula* pod pulp extract for alternative source of herbal laxative drug. 2016;(August 2010).

53. Kashiwada Y, Iizuka H, Yoshioka K, Chen RF, Nonaka G ichiro, Nishioka I. Tannins and Related Compounds: XCIII: Occurrence of Enantiomeric Proanthocyanidins in the Leguminosae Plants, *Cassia fistula* L: And *C. Javanica* L. Chem Pharm Bull. 1990;38(4):888–93.
54. Ganeshpurkar A, Patel JR. Antidiabetic potential of polyphenolic-rich fraction of *Tamarindus indica* seed coat in alloxan-induced diabetic rats. 2017;(September 2018).
55. Caluwé E De, Damme P Van. *Tamarindus indica* L . – A review of traditional uses , phytochemistry and pharmacology. 2010;23(1):53–83.
56. Ara N, Islam md monirul. Phytochemical Screening and in Vitro Antibacterial Activity of *Tamarindus indica* Seeds Ethanolic Extract. J Biopestic. 2015;4(1):53–6.
57. Mlozi SH, Chacha M, Peter R. Antimycobacterial And Antibacterial Activities Of Extracts From *Caesalpinia bonduc* ( L .) Roxb. 2017;5(2):27–36.
58. Nitalikar MM, Munde KC, Dhore B V, Shikalgar SN. Studies of Antibacterial Activities of *Glycyrrhiza glabra* Root Extract. 2010;2(1):899–901.
59. Skalli S, Hassikou R, Arahou M. An ethnobotanical survey of medicinal plants used for diabetes treatment in Rabat , Morocco. Heliyon. 2019;(September 2018):e01421.
60. Varsha S, R. C. A, Sonam P. Phytochemical Screening and Determination of Anti-Bacterial and Anti-Oxidant Potential of *Glycyrrhiza glabra* Rppt

- Extracts. *J Environ Res Dev.* 2013;7(4A):1551–158.
61. Gaur R, Singh K, Kishor R, Prasad N. Author 's personal copy  
Phytomedicine In vivo anti-diabetic activity of derivatives of  
isoliquiritigenin and liquiritigenin. 2018;
  62. Zayed MZ, AiminWu, Sallam S. Comparative Phytochemical Constituents  
of *Leucaena leucocephala* (Lam.) Leaves, Fruits, Stem Barks, and Wood  
Branches Grown in Egypt using GC-MS Method Coupled with  
Multivariate Statistical Approaches. 2019;14:996–1013.
  63. Viji Z, Paulsamy S. No Title. 2018;5(1):56–9.
  64. Cited R, Pal C, Biswas T, Datta M, Roy S, Giri B, et al. Herbal extract and  
compound lupinose and its analogues as anti-diabetic type ii drugs from  
plant *Pueraria tuberosa*. 2007;2(12).
  65. Tunna TS, Zaidul ISM, Ahmed QU, Ghafoor K, Al-juhaimi FY, Uddin  
MS, et al. South African Journal of Botany Analyses and pro fi ling of  
extract and fractions of neglected weed *Mimosa pudica* Linn . traditionally  
used in Southeast Asia to treat diabetes. *South African J Bot.* 2015;99:144–  
52.
  66. Parasuraman S, Ching TH, Leong CH. Antidiabetic and antihyperlipidemic  
effects of a methanolic extract of *Mimosa pudica* ( Fabaceae ) in diabetic  
rats. *Egypt J Basic Appl Sci.* 2019;6(1):137–48.
  67. Mart C. Three New Di- O -glycosyl- C -glucosyl Flavones from the Leaves  
of. 2014;

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