

DAFTAR PUSTAKA

- Abd Gafur, M., Isa, I., & Bialangi, N. (2011). Isolasi dan identifikasi Senyawa Flavonoid dari daun Jamblang (*Syzygium cumini*). *Jurusan Kimia Fakultas MIPA Universitas Negeri Gorontalo*, 2.
- Ahmed, R., Tariq, M., Hussain, M., Andleeb, A., Masoud, M. S., Ali, I., Mraiche, F., & Hasan, A. (2019). Phenolic contents-based assessment of therapeutic potential of *Syzygium cumini* leaves extract. *PloS One*, 14(8), e0221318.
- Alahi, M. E. E. and Mukhopadhyay, S. C. (2019) 'Literature Review', in *Smart Sensors, Measurement and Instrumentation*, pp. 7-41. doi: 10.1007/978-3-030-20095-4_2.
- Amanatie. (2013). *Buku Pegangan Mahasiswa Biologi Kimia Umum*. Yogyakarta : UNY Press.
- Anggraini, T., Kurniawan, Y., Yenrina, R., & Sayuti, K. (2018). Effect of Jamblang'(*Syzygium cumini*) Peel and Citric Acid Addition on Antioxidant Activity of Kolang-Kaling' Jam. *Pakistan Journal of Nutrition*, 17(3), 140–145.
- Asmawati, A., & Jumain, J. (2020). Pengaruh Pemberian Ekstrak Daun Jamblang (*Egenia cumini* Merr.) Terhadap Pertumbuhan *Streptococcus pyogenes*. *Media Farmasi*, 16(2), 248–252.
- Banerjee, J., & Narendhirakannan, R. T. (2011). Biosynthesis of silver nanoparticles from *Syzygium cumini* (L.) seed extract and evaluation of their in vitro antioxidant activities. *Dig J Nanomater Biostruct*, 6(3), 961–968.
- Bijauliya, Rohit & Alok, Dr. Shashi & Singh, Man & Mishra, Dr. Shanti Bhushan. (2017). Morphology, Phytochemistry And Pharmacology Of *Syzygium Cumini* (Linn.)-An Overview. *International Journal of Pharmaceutical Sciences and Research*. 8. 2360-2371. 10.13040/IJPSR.0975-8232.8(6).2360-71.
- Chanudom, L., & Tangpong, J. (2015). Anti-Inflammation Property of *Syzygium cumini* (L.) Skeels on Indomethacin-Induced Acute Gastric

- Ulceration. *Gastroenterology research and practice*, 2015, 343642. <https://doi.org/10.1155/2015/343642>.
- Delgado-Rodríguez, M. and Sillero-Arenas, M. (2018) „Systematic review and meta-analysis“, *Medicina Intensiva*, 42(7), pp. 444–453. doi: 10.1016/j.medin.2017.10.003.
- Dewi, S. R. (2018). Uji Efek Anti Inflamasi Rebusan Daun Jamblang (*Syzygium cumini*) Pada Mencit (*Mus musculus*). *Media Farmasi*, 14(1), 8–13.
- Diningrat, D. D., Risfandi, M., Harahap, N. S., A. N., & Siregar, H. K. (2020). Phytochemical Screening and Antibacterial Activity Coix lacryma-jobi Oil. *Journal of Plant Biotechnology*, 47(1), 100-106. <https://doi.org/10.5010/JPB.2020.47.1.100>.
- Edderkaoui, M., Odinkova, I., Ohno, I., Gukovsky, I., Go, V. L., Pandol, S. J., & Gukovskaya, A. S. (2008). Ellagic acid induces apoptosis through inhibition of nuclear factor kappa B in pancreatic cancer cells. *World journal of gastroenterology*, 14(23), 3672–3680. <https://doi.org/10.3748/wjg.14.3672>
- Elansary, H. O., Salem, M. Z. M., Ashmawy, N. A., & Yacout, M. M. (2012). Chemical composition, antibacterial and antioxidant activities of leaves essential oils from *Syzygium cumini* L., *Cupressus sempervirens* L. and *Lantana camara* L. from Egypt. *Journal of Agricultural Science*, 4(10), 144.
- Ezekiel, U., & Heuertz, R. (2015). Anti-inflammatory and related action of human neutrophils. *Int. J. Pharm. Phytochem. Res*, 7(4), 714–717.
- Fiqri, H., Arda, A.G., Adrebi, K., Proborini, W., & Widyanto, R. (2020). Evaluation of Total Phenolic, Total Flavonoid, and In Vitro Cytotoxic Activity of *Syzygium cumini* Extract in Cervical Cancer Cell. *Journal of Physics: Conference Series*. doi:10.1088/1742-6596/1665/1/012033.
- Futri, C., R., dan Yanti, S. (2020). Penyuluhan Penggunaan Obat Tradisional Di Desa Manegen. Vol.8 No.1 Edisi Februari Jurnal Education and development Institut Pendidikan Tapanuli Selatan. Hal 15.

- Herculano, E. de A., da Costa, C., Rodrigues, A., Araújo-Júnior, J. X., Santana, E. G., França, P. H. B., Gomes, E. de A., Salvador, M. J., Moura, F. de B. P., & Ribeiro, Ê. A. N. (2014). Evaluation of cardiovascular effects of edible fruits of *Syzygium cumini* Myrtaceae (L) skeels in rats. *Tropical Journal of Pharmaceutical Research*, 13(11), 1853–1861.
- Indrisari, M., & Zulham, Z. (2018). Antihyperglycemic Activity of Various Extracts of Jamblang (*Syzygium cumini*) on White Rat. *Journal of Pharmaceutical and Medicinal Sciences*, 2(2). Date accessed: 23 feb. 2021.
- Jagetia, G. C. (2017). Phytochemical Composition and pleotropic pharmacological properties of jamun, *Syzygium cumini* skeels. *Journal of Exploratory Research in Pharmacology*, 2(2), 54–66.
- Jana, K., Bera, T. K., & Ghosh, D. (2015). Antidiabetic effects of *Eugenia jambolana* in the streptozotocin-induced diabetic male albino rat. *Biomarkers and Genomic Medicine*, 7(3), 116–124.
- Katiyar, D., Singh, V., & Ali, M. (2016). Recent advances in pharmacological potential of *Syzygium cumini*: A review. *Adv. Appl. Sci. Res*, 7(3), 1–1
- Kayser, Md Shahidulla & Nath, Rubel & Khatun, Halima & Rashid, Mohammad. (2019). Peripheral Analgesic and Anti-diarrheal Activities of Leaf of *Syzygium cumini* (L.) Skeel. *Bangladesh Pharmaceutical Journal*. 22. 10.3329/bpj.v22i1.40020.
- Kumar, A., Mohan, A., Sharma, N. R., & Rehman, H. (2017). Antibacterial, Antioxidant analysis of Phytochemical Extracts derived from seeds of *Syzygium cumini* L. against Pathogenic Bacteria. *Research Journal of Pharmacy and Technology*, 10(8), 2707–2712.
- Kumar, Siva & Theivendren, Panneerselvam. (2011). Laxative Effect of *Eugenia Jambolana* Crude Leaf Bud Extract. *Pharmacology & Pharmacy*. 02. 10.4236/pp.2011.23023.
- Kumawat, M., Damor, J., Kachchhwaha, J., Garg, A. K., & Singh, C. (2018). Pharmacological properties and therapeutic potential of *Syzygium cumini*

- (Jamun): A review. *World Journal of Pharmaceutical Sciences*, 7, 312–322.
- Maran, J.P., Sivakumar, V., Thirugnanasambandham. K., dan Sridhar, R. (2014). Extraction, Multi-Response Analysis, and Optimization of Biologically Active Phenolic Compounds from the Pulp of Indian Jamun Fruit. *Food Science Biotechnol.* 23.(1): 9-14.
- Mardalena, I., dan Suryani, E. (2016). *Modul Cetal Bahan Ajar Keperawatan Ilmu Gizi*. Jakarta Selatan. 21-22
- Margaret, E., Shailaja, A.M., & Rao, V.V. (2015). Evaluation of Antioxidant Activity in Different Parts of *Syzygium cumini* (Linn.). *Int. J. Curr. Microbiol. App. Sci* 4(9): 372-379.
- Misra, P., Sashidhara, KV, Singh, SP, Kumar, A., Gupta, R., Chaudhaery, SS, Gupta, S., Sen, Majumder, HK, Saxena, AK, Dube, A. (2010). 16 α -Hydroxycyclo-3,13 (14) Z-dien-15,16-olida dari *Polyalthia longifolia*: agen antileishmanial yang aman dan aktif secara oral. *Jurnal Farmakologi Inggris* 159, 1143 - 1150. <http://dx.doi.org/10.1111/j.1476-5381.2009.00609.x>.
- Monteiro, F. S., Carvalho, A. F. S., Marques, E. C., Ribeiro, R. M., Borges, A. C. R., & Borges, M. O. R. (2018). Antidiarrhoeal and antispasmodic activity of leaves of *Syzygium cumini* L. (Myrtaceae) mediated through calcium channel blockage. *African Journal of Pharmacy and Pharmacology*, 12(1), 11-18.
- Monteiro, F. S., Carvalho, A. F. S., Ribeiro, R. M., Borges, A. C. R., and Borges, M. O. R. (2020). Phytochemical Profile and Investigation of the Spasmolytic Activity of Hydroalcoholic Extract of *Syzygium cumini* (L.) Skeels Seeds. *European Journal of Medicinal Plants*. 31(3): 27-38.
- Munir, M., & Qureshi, R. (2018). Antidiabetic plants of Pakistan. In *Plant and Human Health, Volume 1* (pp. 463–545). Springer.
- O'Connor, A., Sargeant, J. And Wood, H. (2017). 'Systematic reviews', in *Veterinary Epidemiology: Fourth Edition*, pp. 397-420. doi: 10-1002/9781118280249.ch19.

- Ogato DM, Mauti EM, Mauti GO, Ambrose B, Kowanga DK. (2015). Antikanker aktivitas *Eugenia jambolana* biji terhadap garis sel Hep2. *The Journal of Phytopharmacology*. 4(6): 295-298.
- Prabakaran, K., & Shanmugavel, G. (2017). Antidiabetic activity and phytochemical constituents of *Syzygium cumini* Seeds in Puducherry Region, South India. *Int J Pharmacogn Phytochem Res*, 9(7), 985–989.
- Preeja RP., & Geetha RV. (2020). In vitro anti-inflammatory activity of *Eugenia Jambolana* extract using membrane stabilization assay. *Drug Invention Today*. 14. (1-2).JPRS-P'Col-00005401.
- Rahmitasari, R. D., Suryani, D., & Hanifa, N. I. (2020). Aktivitas Antibakteri Ekstrak Etanolik Daun Juwet (*Syzygium cumini* (L.) Skeels) terhadap Bakteri Isolat Klinis *Salmonella typhi*. *PHARMACY: Jurnal Farmasi Indonesia (Pharmaceutical Journal of Indonesia)*, 17(1), 138–148.
- Ramya S, Neethirajan K, Jayakumararaj R, Mastan SK, Chaitanya G, Bhavya LT, Srikanth A, Sumalatha. (2012). Profil senyawa bioaktif dalam *Syzygium cumini* - review. *Jurnal Penelitian Farmasi*. 5 (8): 4548-4553.
- Rasnovi, S., & Nursanty, R. (2015). Potency Study of N-Hexane Extracts of Black Plum (*Syzygium cumini* (L.) Skeels) Intheinhibition of Growth *Salmonella typhi* and *Candida sp*. *Jurnal Natural*, 15(1).
- Raza, A., Butt, M. S., & Suleria, H. A. R. (2017). Jamun (*Syzygium cumini*) seed and fruit extract attenuate hyperglycemia in diabetic rats. *Asian Pacific Journal of Tropical Biomedicine*, 7(8), 750–754.
- Ribeiro, Rachel & Neto, Vicente & Ribeiro, Kllysmann & Vieira, Denilson & Abreu, Iracelle & Silva, Selma & Cartágenes, Maria & Freire, Sonia & Borges, Antonio & Borges, Marilene. (2014). Antihypertensive Effect of *Syzygium cumini* in Spontaneously Hypertensive Rats. Evidence-based Complementary and Alternative Medicine. 2014. 7. 10.1155/2014/605452.
- Richardson Dr., K. et al. (2013) „A systematic review“, *Annals of Internal Medicine*, pp. 688–697. doi: 10.7326/0003-4819-159-10-201311190-00007.

- Rodrigues, K. A., Amorim, L. V., Dias, C. N., Moraes, D. F., Carneiro, S. M., & Carvalho, F. A. (2015). Syzygium cumini (L.) Skeels essential oil and its major constituent α -pinene exhibit anti-Leishmania activity through immunomodulation in vitro. *Journal of ethnopharmacology*, 160, 32–40. <https://doi.org/10.1016/j.jep.2014.11.024>.
- Rohadi., Rahajo, S., Falah, I.I., dan Santoso, U. (2016). Aktivitas Antioksidan Ekstrak Biji Duwet (*Syzygium cumini* Linn.) Pada Peroksidasi Lipida Secara In Vitro. *Agritech*. 36.(1) : 30-37.
- Sah, A.K., dan Verma, K.V. (2011). Syzygium cumini : An Overview. *Journal Chem. Res.* 3.(3) :108-113.
- Sari, A. N. (2017). Potensi Antioksidan Alami Pada Ekstrak Daun Jamblang (*Syzygium Cumini* (L.) Skeels). *EKSAKTA: Berkala Ilmiah Bidang MIPA*, 18(02), 107–112.
- Sari, A. N., Januardi., Diningrat, D. S. (2020). Effect of Ethanol Extract of Jamblang Aceh (*Syzygium cumini*) in Diabetic Mice (*Mus musculus*) and Its Potential As Anti-Diabetic Agent. *Elkawanie*. 6(1). 10.22373/ekw.v6i1.5496. www.jurnal.ar-raniry.ac.id/index.php/elkawanie DOI: 10.22373/ekw.v6i1.5496
- Schoenfender T, Warmlin C S. Hypoglikemik and hypolipidemic effect of leaves from *Syzygium cumini* (L) Skeels, Myrtaceae in diabetic rats. (2010). Skripsi, Departamento de Farmacia, Universidade do Extremo Sul Catarinense. Brazil
- Shamkuwar, P. B., Pawar, D. P., and Chauhan, S.S. (2012) Antidiarrhoeal Activity of Seeds of *Syzygium cumini* L. *Journal of Pharmacy Research*, 5(12), 5537-5539.
- Sharma, S., Mehta, D., Nagar, H., & Mishra, A. (2012). A Review On Pharmacological Activity Of *Syzygium Cumini* Extracts Using Different Solvent And Their Effective Doses.
- Siswanto, S. (2012). Systematic Review Sebagai Metode Penelitian untuk Mensintesis Hasil-Hasil Penelitian (Sebuah Pengantar). *Buletin Penelitian Sistem Kesehatan*, 13.

- Soeroto, E. H., Priatmodjo, D., Wisnubudi, G., dan Sukartono, I. G. S. (2018). *Pembibitan dan Pengembangan Tanaman Buah Lokal*. Pusat Pemberdayaan Masyarakat Universitas Nasional (PPM-UNAS) : Jakarta 46-56.
- SP, I. G. P. A. F., Manurung, M., & Puspawati, N. M. (2015). Efektifitas antosianin kulit buah jambang (*Syzygium cumini*) sebagai penurun low density lipoprotein darah tikus wistar yang mengalami hiperkolesterolemia. *Cakra Kimia (Indonesian E-Journal of Applied Chemistry)*, 3(2), 9–22.
- Sumayyah, S., & Salsabila, N. (2017). Obat Tradisional: Antara Khasiat dan Efek Sampingnya. *Majalah Farmasetika*, 2(5), 1–4.
- Suryanarayana, T. M. V. and Mistry, P. B. (2016). 'Review of literature', in *SpringerBriefs in Applied Sciences and Technology*, pp. 27-37. doi:10.1007/978-981-10-0663-0_3.
- Swami, S.B., Thakor, N.S.J., Patil, M.M., & Haldankar, P.M. (2012). Jamun (*Syzygium cumini* (L.)): A review of its food and medicinal uses. *Food and Nutrition Sciences* 3: 1100-1117.
- Teke, GN, Kuiate, JR, Kuete, V., Teponno, RB, Tapondjou, LA dan Vilarem, G. (2010). Aktivitas antidiare ekstrak dan senyawa dari *Trilepisium madagascariense* kulit batang. *J. Pharmacol dari India*. 42, 157-163.
- University of West Florida. (2020). *Writing the Lit Review – Evidence Based Nursing – LibGuides at University of West Florida Libraries*.
- Widjaja, E. A., Rahayuningsih, Y., Rahajoe, J. S., Ubaidillah, R., Maryanto, I., Walujo, E. B., & Semiadi, G. (2014). *Kekinian keanekaragaman hayati Indonesia, 2014*. LIPI Press.
- Yadav, S. S., Meshram, G., Shinde, D., Patil, RC., Manohar, S. M., Upadhye, M. V. (2011). Antibacterial and Anticancer Activity of Bioactive Fraction of *Syzygium cumini* L. Seeds. *HAYATI Journal of Biosciences*. 18(3): 118-122. <http://journal.ipb.ac.id/index.php/hayati> DOI: 10.4308/hjb.18.3.118