

DAFTAR PUSTAKA

- Adi Purwa Hita, I. P. G., Eka Arimbawa, P., dan Aryati Suryaningsih, N. P. 2021., Characterization and Screening Active Phytochemical Compounds of 70% Ethanol Extract of Mahogany Seed (*Swietenia mahagoni* Jacq.). *Ad-Dawaa' Journal of Pharmaceutical Sciences*, 4(1), pp.1–8.
- Aguirre Urizar, J. M., 2002. Candidiasis orales. *Revista Iberoamericana de Micologia*, 19(1), pp.17–21.
- Ahmad, A. R; Handayani, V; Syarif, R. A; Najib, A; dan Hamidu, L., 2019. *Mahoni (Swietenia mahagoni (L.) Jacq) Herbal untuk Penyakit Diabetes*. Makasar: Nas Media Pustaka, 42 halaman.
- Alfiah, R., Rieska, K., and Siti, M., 2015. Efektivitas Ekstrak Metanol Daun Sembung Rambut (*Mikania micrantha* Kunth) terhadap Pertumbuhan Jamur *Candida albicans*. *Journal Protobiont*, 4(2), pp.52–57.
- Andriani, R., dan Rundjan, L., 2016. Nistatin Oral Sebagai Terapi Profilaksis Infeksi Jamur Sistemik pada Neonatus Kurang Bulan. *Sari Pediatri*, 11(6), pp.420-427.
- Arifianti, L., Oktarina, R. D., dan Kusumawati, I., 2014. Pengaruh Jenis Pelarut Pengekstraksi. *E-Journal Planta Husada*, 2(1), pp.1-4.
- Assaduzzaman., Amin, M. Z., Rahman, M. H., Uddin, M. R., Shohanuzzaman, M., Mandal, P., Karmoker, B. A., Dipu, M. R., and Nejum, M. R., 2020. Evaluation of Antibacterial, Anti-Oxidant and Cytotoxic Activity of Organic Extracts of Mahogany Seeds. *European Journal of Medicinal Plants*, 31(20), pp 1–7.
- Aviany, H. B., dan Pujiyanto, S., 2020. Analisis Efektivitas Probiotik di Dalam Produk Kecantikan sebagai Antibakteri terhadap Bakteri *Staphylococcus epidermidis*. *Jurnal Berkala Bioteknologi*, 3(2), pp.24–31.
- Balouiri, M., Sadiki, M., & Ibnsouda, S. K. (2016). Methods for in vitro evaluating antimicrobial activity: A review. *Journal of Pharmaceutical Analysis*, 6(2), pp.71–79
- Bhattacharya, S., Sae-Tia, S., and Fries, B. C., 2020. Candidiasis and mechanisms of antifungal resistance. *Antibiotics*, 9(6), pp.1-19.
- Chairunnisa, S., Wartini, N. M., dan Suhendra, L., 2019. Pengaruh Suhu dan Waktu Maserasi terhadap Karakteristik Ekstrak Daun Bidara (*Ziziphus mauritiana* L.) sebagai Sumber Saponin. *Jurnal Rekayasa Dan Manajemen Agroindustri*, 7(4), pp.551.
- Coleman, J. J., Okoli, I., Tegos, G. P., Holson, E. B., Wagner, F. F., Hamblin, M. R., and Mylonakis, E., 2010. Characterization of plant-derived saponin natural products against *Candida albicans*. *ACS Chemical Biology*, 5(3), pp. 321–332.

- Crowley, P. D., and Gallagher, H. C., 2014. Clotrimazole as a pharmaceutical: past, present and future. *Journal of Applied Microbiology*, 117(3), pp.611-617.
- Diana, K. (2016). Uji Aktivitas Antijamur Infusa Umbi Bawang Putih (*Allium Sativum* L.) Terhadap *Candida Albicans* Serta Profil Kromatografinya. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy) (e-Journal)*, 2(1), pp.49–58.
- Durai, M. V, Balamuniappan, G., and Geetha, S., 2016. Phytochemical screening and antimicrobial activity of leaf, seed and central-fruit-axis crude extract of *Swietenia macrophylla* King. *Journal of Pharmacognosy and Phytochemistry*, 5(3), pp.181-186.
- Endarini, L. H., 2016. *Farmakognisi dan Fitokimia*, Kementerian Kesehatan Republik Indonesia, Jakarta: 215 halaman.
- Falcón-Piñeiro, A., Remesal, E., Noguera, M., Ariza, J. J., Guillamón, E., Baños, A., and Navas-Cortes, J. A., 2021. Antifungal activity of propyl-propane-thiosulfinate (PTS) and propyl-propane-thiosulfonate (PTSO) from *Allium cepa* against *Verticillium dahliae*: In vitro and in planta assays. *Journal of Fungi*, 7(9).pp.1-16.
- Fitria, N., dan Setiawati, F., 2020. Modifikasi Media Jagung (*Zea mays*) dan Kacang Tanah (*Arachis hypogea*) sebagai Media Pertumbuhan *Aspergillus flavus*. *Jurnal Reka Lingkungan*, 8(1), pp.57–66.
- Fostel, J. M., and Lartey, P. A., 2000. Emerging novel antifungal agents. *Drug Discovery Today*, 5(1), pp.25-32.
- Giordani, R., Trebaux, J., Masi, M., and Regli, P., 2001. Enhanced antifungal activity of ketoconazole by *Euphorbia characias* latex against *Candida albicans*. *Journal of Ethnopharmacology*, 78(1), pp.1-5.
- Gopalan, H. K., Md Hanafiah, N. F., Chean Ring, L., Tan, W.-N., Wahidin, S., Hway, T. S., and Yenn, T. W., 2019. Chemical Composition and Antimicrobial Efficiency of *Swietenia macrophylla* Seed Extract on Clinical Wound Pathogens. *Natural Product Sciences*, 25(1), pp.38–43.
- Gow, N. A. R., and Hube, B., 2012. Importance of the *Candida albicans* cell wall during commensalism and infection. *Current Opinion in Microbiology*, 15(4), pp.406-412.
- Hidayati, L., dan Suprihatini, S., 2020. Pengaruh Pemberian Ekstrak Biji Mahoni (*Swietenia mahagoni*) Terhadap Kematian Larva *Culex* sp. *ASPIRATOR - Journal of Vector-Borne Disease Studies*, 12(1), pp.45–52.
- Indrayati, F., Wibowo, M. A., dan Idiawati, N., 2016. Aktivitas Antijamur Ekstrak Daun Saga Pohon (*Adenanthera Pavonina* L.) Terhadap Jamur *Candida albicans*. *Jkk*, 5(2), pp.20–26.

- Jawetz; Melnick; Alelberg's., 2013. *Classification of Bacteria. In Medical Microbiology*, Twenty-Sixth ed, The McGraw-Hill Companies, Inc., 864 halaman.
- Kementrian Kesehatan RI., 2017. *Farmakope Herbal Indonesia*. Tahun 2017, Jakarta.
- Komala, O., . Y., dan Siwi, F. R. , 2020. Aktivitas Antijamur Ekstrak Etanol 50% dan Etanol 96% Daun Pacar Kuku *Lawsonia inermis* L. terhadap *Trichophyton mentagrophytes*. *Ekologia*, 19(1), pp.12–19.
- Koundal, S., and Cojandaraj, L., 2020. Candida species – Morphology, medical aspects and pathogenic spectrum. *European Journal of Molecular and Clinical Medicine*, 7(7), pp.4015–4021.
- Kusmajadi, S. (2012). Effect of Storage Length in the Room Temperature on pH, TVB, and Total Bacteria Changes of Buffalo Meat. *Jurnal Ilmu Ternak*, 12(2), pp.9–12.
- Kusuma, M., Susilorini, T., dan Surjowardojo, P. (2017). Pengaruh Lama Dan Suhu Penyimpanan Ekstrak Daun Sirih Hijau (*Piper betle* Linn) Dengan Aquades Terhadap Daya Hambat Bakteri *Streptococcus agalactiae* Penyebab Mastitis Pada Sapi Perah. *TERNAK TROPIKA Journal of Tropical Animal Production*, 18(2), pp. 14–21.
- Lakshmi, S. Y. S., Banu, F., Brindha, V., Gopalakrishnan, S., and Gajendran, N., 2014. Antimicrobial activity of Silver nanoparticles from *Swietenia mahagoni*. *Indian Journal of Medicine and Healthcare*, 3(1), pp.310-313.
- Lestari, P. E., 2015. Peran faktor virulensi pada patogenesis infeksi *Candida albicans*. *Bagian Ilmu Biomedik Laboratorium Mikrobiologi, Fakultas Kedokteran Gigi Universitas Jember*, 7(2), pp.113–117.
- Mahizan, N. A., Yang, S. K., Moo, C. L., Song, A. A. L., Chong, C. M., Chong, C. W., Abushelaibi, A., Erin Lim, S. H., and Lai, K. S., 2019. Terpene derivatives as a potential agent against antimicrobial resistance (AMR) pathogens. *Molecules*, 24(14), pp.1–21.
- Makhfirah, N., Fatimatuzzahra, C., Mardina, V., dan Fanani Hakim, R., 2020. Pemanfaatan bahan alami sebagai upaya penghambat *Candida albicans* pada rongga mulut. *Jurnal Jeumpa*, 7(2), pp.400–413.
- Maryam, F., Subehan, S., dan Musthainah, L., 2020. Isolasi Dan Karakterisasi Senyawa Steroid Dari Ekstrak Biji Mahoni (*Swietenia mahagoni* Jacq.). *Jurnal Fitofarmaka Indonesia*, 7(2), pp.6–11.
- Mayer, F. L., Wilson, D., and Hube, B., 2013. *Candida albicans* pathogenicity mechanisms. *Virulence*, 4(2), pp.119–128.

- McCullough, M. J., Ross, B. C., and Reade, P. C., 1996. *Candida albicans*: A review of its history, taxonomy, epidemiology virulence attributes, and methods of strain differentiation. *International Journal of Oral and Maxillofacial Surgery*, 25(2), pp.136–144.
- Md Norodin, N. S., Md Salleh, L., Machmudah, S., Mustafa, N. M., Hartati, H., and Ismail, R., 2018. Extraction of β -sitosterol from *Swietenia mahagoni* seeds by using supercritical carbon dioxide (SC-CO₂) extraction. *Malaysian Journal of Fundamental and Applied Sciences*, 14(3), pp.411–417.
- Moghadamtousi, S. Z., Goh, B. H., Chan, C. K., Shabab, T., and Kadir, H. A., 2013. Biological activities and phytochemicals of *Swietenia macrophylla* king. *Molecules*, 18(9), pp.1046-10483.
- Momeni, M. K., Bameri, O., Ghafari, M., Saravani, S., and Javadian, F., 2021. Evaluation of antifungal activity of medicinal plant extracts on *Candida albicans*. *Journal of Obstetrics, Gynecology and Cancer Research*, 6(2), pp.50-56.
- Munarsih, E., and Rini, P., 2019. Jurnal Penelitian Sains. *Jurnal Penelitian Sains*, 21(3), 163–167.
- Oktavia, G. A. E., Ibrahim, M., dan Lisdiana, L. (2013). The Effect of Ethanolic Extract of Mahogany (*Swietenia mahogani*) Seeds on Growth Inhibition of *Escherichia coli*. *LenteraBio*, 2(3), pp.239–243.
- Okwu, M. U., Olley, M., Akpoka, A. O., and Izevbuwa, O. E., 2019. Methicillin-resistant *Staphylococcus aureus* (MRSA) and anti-MRSA activities of extracts of some medicinal plants: A brief review. *AIMS Microbiology*, 5(2), pp.117–137.
- Parhusip, J. N., dan Sitanggang, B. A. (2011). Antimicrobial Activity of Melinjo Seed and Peel Extract (*Gnetum gnemon*) Against Selected Pathogenic Bacteria. *Microbiology Indonesia*, 5(2), pp.103–112.
- Polak, A., 1997. Antifungal therapy, an everlasting battle. In *Progress in Drug Research* (49), pp. 219-318.
- Pristov, K. E., and Ghannoum, M. A., 2019. Resistance of *Candida* to azoles and echinocandins worldwide. *Clinical Microbiology and Infection*, 25(7), pp.792–798.
- Prabhakar, K., Kumar, L. S., Rajendran, S., Chandrasekaran, M., Bhaskar, K., and Khan, A. K. S., 2008. Antifungal activity of plant extracts against candida species from oral lesions. *Indian Journal of Pharmaceutical Sciences*, 70(6), pp.801-803.
- Putranti, A., Asmarawati, T. P., Rachman, B. E., Hadi, U., and Nasronudin., 2018. Oral candidiasis as clinical manifestation of HIV/AIDS infection in Airlangga University hospital patients. *IOP Conference Series: Earth and Environmental Science*, 125(1), pp.1-6.

- Ratridewi, I., Juwita, N., Putera, M. A., dan Nugroho, S., 2021. Peran Skor Kandida Sebagai Metode Diagnostik Kandidiasis Invasif Terhadap Neutropenia Berat pada Anak dengan Keganasan. *Sari Pediatri*, 22(6), pp.351-358.
- Rindawati, N., Daniel, dan Saleh, C., 2019. Uji Fitokimia, Uji Toksisitas dan Aktivitas Antioksidan dari Biji Tumbuhan Mahoni (*Swietenia mahagoni* (L) Jacq). *Jurnal Atomik*, 4(2), pp.78–81.
- Rodrigues Santos, V., and Maria Rita Pereira, E., 2018. Antifungal Activity of Brazilian Medicinal Plants against Candida Species. *Candida Albicans*. (2), pp.19-47.
- Rusnac, R., Botnaru, M., Barba, N., Petrenko, P., Chumakov, Y., and Gulea, A., 2020. Compounds Removed From the Condensation Reaction Between 2-Acetylpyridine and 2-Formylpyridine. Synthesis, Crystal Structure and Biological Evaluation. *Chemistry Journal of Moldova*, 15(2), pp.88–98.
- Sahgal, G., Ramanathan, S., Sasidharan, S., Mordi, M. N., Ismail, S., and Mansor, S. M., 2009. Phytochemical and antimicrobial activity of *Swietenia mahagoni* crude methanolic seed extract. *Tropical Biomedicine*, 26(3), pp.274–279.
- Sahgal, G., Ramanathan, S., Sasidharan, S., Mordi, M. N., Ismail, S., and Mansor, S. M., 2011. In vitro and in vivo anticandidal activity of *Swietenia mahogani* methanolic seed extract. *Tropical Biomedicine*, 28(1), pp.132–137.
- Salleh, L. M., Hartati, Jamaludin, R., Yunus, M. A. C., Yakub, H., dan Aziz, A. A., 2014. Antioxidant activity and total phenolic contents in methanol extracts from *Swietenia mahagoni* and *Andrographis paniculata*. *Jurnal Teknologi (Sciences and Engineering)*, 69(4), pp.51–53.
- Saleh, M., Aboody, A., and Mickymaray, S., 2020. Antibiotics Anti-Fungal Efficacy and Mechanisms of Flavonoids. *Antibiotics*, 9(45), pp.1-42.
- Sari, N. K. Y., dan Sumadewi, N. L. U. (2021). Aktivitas Antifungi Saponin Bunga Kamboja Putih (*Plumeria acuminata*) pada *Candida albicans* ATCC 10231. *Metamorfosa: Journal of Biological Sciences*, 8(1) pp.74-79.
- Soliman, S. S. M., Semreen, M. H., El-Keblawy, A. A., Abdullah, A., Uppuluri, P., and Ibrahim, A. S., 2017. Assessment of herbal drugs for promising anti-Candida activity. *BMC Complementary and Alternative Medicine*, 17(1), pp.1-9.
- Schumacher, A., Vranken, T., Malhotra, A., Arts, J. J. C., and Habibovic, P. (2018). In vitro antimicrobial susceptibility testing methods: agar dilution to 3D tissue-engineered models. *European Journal of Clinical Microbiology and Infectious Diseases*, 37(2), pp.187–208.

- Soetjipto, H, 2004. Aktivitas anti bakteri flavonoid ekstrak biji mahoni (*Swietenia mahogani* Jacq). *Prosiding Seminar Nasional Sains Dan Pendidikan Sians UKSW*, 83–93.
- Suhartono, S., Mahdani, W., and Rajuliana, R., 2021. Species Distribution and Antifungal Susceptibility of *Candida spp* . responsible for Pulmonary Candidiasis. *Biosaintifika: Journal of Biology and Biology Education*, 13(3), pp.313–318.
- Sukardiman, and Ervina, M., 2020. The recent use of *Swietenia mahogani* (L.) Jacq. as antidiabetes type 2 phytomedicine: A systematic review. *Heliyon*, 6(3), pp.1-8.
- Sundar, S., 2013. Antifungal activity of *Swietenia mahogany* on *Candida albicans* and *Cryptococcus neoformans*. *Journal of Microbiology and Antimicrobials*, 5(6), pp.55–59.
- Talapko, Jasminka, Juzbašić, M., Matijević, T., Pustijanac, E., Bekić, S., Kotris, I., and Škrlec, I., 2021. *Candida albicans*-the virulence factors and clinical manifestations of infection. *Journal of Fungi*, 7(2), pp.1–19.
- Tasmin, N., Erwin, dan Kusuma, I. W., 2014. Isolasi, identifikasi dan uji toksisitas senyawa flavonoid fraksi kloroform dari daun terap (*Artocarpus odoratissimus* Blanco). *Jurnal Kimia Mulawarman*, 12(1), pp.45–53.
- Tisa Rizkika Nur Amelia dan Siti Sumarmi, T. R. N., 2017. Efektivitas ekstrak etanol daun mahoni (*Swietenia mahogani* (L.) Jacq.) terhadap larva *Aedes aegypti* L. *Florea : Jurnal Biologi Dan Pembelajarannya*, 4(2), pp.23–30.
- Tohir, D., Wuyung, P. E., and Farida, R., 2020. Anti-Cancer activity of *Swietenia mahogani* seed extract in ethyl acetate-induced breast cancer cell T47D. *AIP Conference Proceedings*, 04 Juni 2020.
- Truong, D. H., Nguyen, D. H., Ta, N. T. A., Bui, A. V., Do, T. H., and Nguyen, H. C. (2019). Evaluation of the use of different solvents for phytochemical constituents, antioxidants, and in vitro anti-inflammatory activities of *severinia buxifolia*. *Journal of Food Quality*, 5(6), pp.1–9.
- Vandepitte, J, Engbaek, Kraesten, Piot, Peter, Heuck, Claus C and World Health Organization, 1991. *Basic laboratory procedures in clinical bacteriology*. Tahun 2003, Geneva, 188 halaman.
- Widiastuti, A. E. S., Yuliyanti, M., Vinsensius, M. S. H., & Halida, A. A. F. (2021). Antibacterial Activity of the Antiseptic Detergent Mahogany Seed Extract (*Swietenia Mahogany* L.). *Journal of Chemical Technology and Metallurgy*, 56(4), pp.704–709
- Widodo, G. P., Sukandar, E. Y., Adnyana, I. K., dan Sukrasno, S., 2012. Mechanism of Action of Coumarin against *Candida albicans* by SEM/TEM Analysis. *ITB Journal of Sciences*, 44(2), pp.145–151.

Zhang, Q. W., Lin, L. G., and Ye, W. C., 2018. Techniques for extraction and isolation of natural products: A comprehensive review. *Chinese Medicine*, 13(1),pp.1–26.

Zulharmitta, Z., Kasypiah, U., dan Rivai, H., 2017. Pembuatan dan Karakterisasi Ekstrak Kering Daun Jambu Biji (*Psidium guajava* L.). *Jurnal Farmasi Higea*, 4(2), pp.147–157.