

DAFTAR PUSTAKA

- Aiyelaagbe, O.O., Arimah, B.J.O.B.D., Adeniyi, B.A., 2008. The Antimicrobial Activity of *Jatropha multifida* Extracts and Chromatographic Fractions Against Sexually Transmitted Infection. *J. Med. Sci.* 8 143–147.
- Akiyama, H., Fujii, K., Yamasaki, O., Oono, T., Iwatsuki, K., 2001. Antibacterial action of several tannins against *Staphylococcus aureus*. *J. Antimicrob. Chemother.* 48, 487–91.
- Aksara, R., Musa, W.J.A., Alio, L., 2013. Identifikasi Senyawa Alkaloid Dari Ekstrak Metanol Kulit Batang Mangga (*Mangifera indica* L.). *J. Entropi* 8, 514–519. <https://doi.org/Gorontalo: Universitas Negeri Gorontalo>
- Anani, K., Adjrah, Y., Ameyapoh, Y., Karou, S., Agbonon, A., De Souza, C., Gbeassor, M., 2016. Antimicrobial, Anti-inflammatory and antioxidant activities of *Jatropha multifida* L. (Euphorbiaceae). *Pharmacognosy Res.* 8, 142–146. <https://doi.org/10.4103/0974-8490.172657>
- Aransiola, M.N., Ehikhase, C., Mmegwa, J.C., Wahab, I.O., 2014. Antibacterial and Antifungal Activities of *Jatropha multifida* (Ogege) Sap against Some Pathogens. *IOSR J. Pharm. Biol. Sci.* 9, 53–57. <https://doi.org/10.9790/3008-09415357>
- Balouiri, M., Sadiki, M., Ibsouda, S.K., 2016. Methods for in vitro evaluating antimicrobial activity: A review. *J. Pharm. Anal.* <https://doi.org/10.1016/j.jpha.2015.11.005>
- Brooks, G.F., Carroll, K.C., Butel, J.S., Morse, S.A., Mietzner, T.A., 2018. Jawetz, Melnick & Adelberg's Medical Microbiology Twenty Sixth Edition, 26th ed. The McGraw-Hill Companies. <https://doi.org/10.1037/0033-2909.126.1.78>
- Chairani, A., Harfiani, E., 2018. The Effectiveness of *Jatropha multifida* L. sap as Antiseptic Against *Staphylococcus aureus*, *Escherichia coli* and *Candida* sp. growth In Vitro. *JK Unila* 2, 84–92.
- Chuah, E.L., Zakaria, Z.A., Suhaili, Z., Bakar, S.A., Desa, M.N.M., 2014. Antimicrobial Activities of Plant Extracts against Methicillin-Susceptible and Methicillin-Resistant *Staphylococcus aureus*. *J. Microbiol. Res.* 4, 6–13. <https://doi.org/10.5923/j.microbiology.20140401.02>
- CLSI, 2015. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Second Informational Supplement Clinical and Laboratory Standards Institute, CLSI document M100-S16CLSI, Wayne, PA.
- CLSI, 2013. Performance standards for antimicrobial susceptibility testing. 24nd Informational Supplement. Clinical and Laboratory Standards (M100-S24). Wayne, P.A., CLSI document M100-S16CLSI, Wayne, PA.
- Darmawi, Manaf, Z.H., Putranda, F., 2013. Daya Hambat Getah Jarak Cina (*Jatropha Multifida* L.) Terhadap *Staphylococcus Aureus* Secara In Vitro. *J. Med. Vet.* 7. <https://doi.org/10.21157/J.MED.VET..V7I2.2946.G2794>
- Desai, S., Kaur, H., 2017. Saponins and their biological activities Saponins and their Biological Activities. *Pharma Times* 41, 13–16.
- Dong, S., Yang, X., Zhao, L., Zhang, F., Hou, Z., Xue, P., 2020. Antibacterial activity and mechanism of action saponins from *Chenopodium quinoa* Willd. husks against foodborne pathogenic bacteria. *Ind. Crops Prod.* 149, 112350. <https://doi.org/10.1016/j.indcrop.2020.112350>
- Dwyana, Z., Johannes, E., 2012. Uji Efektivitas Ekstrak Kasar Alga Merah *Euclima Cottonii* Sebagai Antibakteri Terhadap Bakteri Patogen.

- Edobor, I., Kenneth, P., 2017. Identification of Bacteria Associated with Wounds in Wukari and Environs, North-East, Nigeria. *AASCIT J. Heal.* 4, 63–67.
- Greenwood, D., Barer, M., Slack, R., Irving, W., 2012. *Medical Microbiology*, 18th ed. Elsevier.
- Harsono, S., Wahyunitisari, M.R., 2017. *Buku Ajar Pemeriksaan Mikrobiologi pada Penyakit Infeksi*, 3th editio. ed. CV. Sagung Seto, Jakarta.
- Jawetz, Melnick, Adelberg's, 2013. *Medical microbiology*, McGraw-Hill. <https://doi.org/10.1136/bmj.317.7165.1060>
- Jiwantono, F., Purwanta, M., Setiawati, Y., 2018. Uji Efektivitas Bunga Kamboja (*Plumeria alba*) Sebagai Antibakteri Terhadap *Streptococcus pyogenes*. *J. Kedokt. Syiah Kuala* 17, 147–155. <https://doi.org/10.24815/jks.v17i3.9066>
- Karou, D., Savadogo, A., Canini, A., Yameogo, S., Montesano, C., Simpore, J., Colizzi, V., Traore, A., 2005. Antibacterial Activity of Alkaloid from *Sida acuta*. *African J. Biotechnol.* 4.
- Kateete, D.P., Kimani, C.N., Katabazi, F.A., Okeng, A., Okee, M.S., Nanteza, A., Joloba, M.L., Najjuka, F.C., 2010. Identification of *Staphylococcus aureus*: DNase and Mannitol salt agar improve the efficiency of the tube coagulase test. *Ann. Clin. Microbiol. Antimicrob.* 9. <https://doi.org/10.1186/1476-0711-9-23>
- Maatalah, M.B., Bouzidi, N.K., Bellahouel, S., Merah, B., Fortas, Z., Soulimani, R., Saidi, S., Derdour, A., 2012. Antimicrobial activity of the alkaloids and saponin extracts of *Anabasis articulata*. *E3 J. Biotechnol. Pharm. Res.* 3, 54–57.
- Mulyadi, M., Wuryanti, W., Sarjono, P.R., 2018. Konsentrasi Hambat Minimum (KHM) Kadar Sampel Alang-Alang (*Imperata cylindrica*) dalam Etanol Melalui Metode Difusi Cakram. *J. Kim. Sains dan Apl.* 20, 130. <https://doi.org/10.14710/jksa.20.3.130-135>
- Murray, P.R., 2018. *Basic Medical Microbiology*, First Edit. ed. Elsevier, Philadelphia.
- Murray, P.R., Rosenthal, K.S., Pfaller, M.A., 2013. *Medical Microbiology*, Seventh Edition- Murray, Rosenthal, Pfaller, 7th ed. Elsevier, Philadelphia.
- Nwokocha, B.A., Agbagwa, I.O., Okoli, B.E., 2013. Vegetative and Floral Morphology of *Jatropha* species in the Niger Delta. *J. Plant Sci.* 7, 163–175. <https://doi.org/10.3923/jps.2012.163.175>
- Othman, L., Sleiman, A., Abdel-Massih, R.M., 2019. Antimicrobial activity of polyphenols and alkaloids in middle eastern plants. *Front. Microbiol.* <https://doi.org/10.3389/fmicb.2019.00911>
- Patra, A.K., Saxena, J., 2009. The effect and mode of action of saponins on the microbial populations and fermentation in the rumen and ruminant production. *Nutr. Res. Rev.* 22, 204–219. <https://doi.org/10.1017/s0954422409990163>
- Rahmawati, F., Bintang, M., Artika, I.M., 2017. Antibacterial Activity and Phytochemical Analysis of *Geranium homeanum* Turez Leaves 4, 13–22. <https://doi.org/10.29244/13-22>
- Ravi, L., Manasvi, V., Praveena Lakshmi, B., 2016. Antibacterial and antioxidant activity of saponin from *Abutilon indicum* leaves. *Asian J. Pharm. Clin. Res.* 9, 344–347. <https://doi.org/10.22159/ajpcr.2016.v9s3.15064>
- Rayner, C., Munckhof, W.J., 2005. Antibiotics currently used in the treatment of infections caused by *Staphylococcus aureus*. *Intern. Med. J.* 16.
- Rosenbach, 1884. *Staphylococcus aureus* Rosenbach, 1884 [WWW Document]. URL <https://www.gbif.org/species/3227657> (accessed 5.25.19).
- Sapara, T.U., Waworuntu, O., Juliatri, J., 2016. Efektivitas Antibakteri Ekstrak Daun Pacar Air (*Impatiens Balsamina* L.) Terhadap Pertumbuhan *Porphyromonas Gingivalis*. *Pharmacon* 5. <https://doi.org/10.35799/pha.5.2016.13968>

- Sartika, D., Yuliana, N., Syarifah Rohana Maghfiroh Jurusan Teknologi Hasil Pertanian, D., Pertanian, F., Lampung, U., 2019. Identifikasi Senyawa Antimikroba Alami Pangan Pada Ekstrak Kulit Buah Naga Merah Dengan Menggunakan Gc-MS [Identification of Food Natural Antimicrobe Compound from Red Dragon Fruit Peel Extract by GC-MS]. *J. Teknol. Ind. Has. Pertan.* 24, 67–76. <https://doi.org/10.23960/jtihp.v24i2.67-76>
- Taylor, T.A., Unakal, C.G., 2019. *Staphylococcus Aureus*. StatPearls- NCBI Bookshelf. <https://doi.org/10.7868/s013234231405011x>
- Trisia, A., Philyria, R., Toemon, A.N., 2018. Uji Aktivitas Antibakteri Ekstrak Etanol Daun Kalanduyung (*Guazuma ulmifolia* Lam.) Terhadap Pertumbuhan *Staphylococcus aureus* Dengan Metode Difusi Cakram (Kirby-Bauer). *Anterior J.* 17, 136–143. <https://doi.org/10.33084/anterior.v17i2.12>
- Ukhrowi, U., 2011. Pengaruh Pemberian Ekstrak Etanol Umbi Bidara Upas (*Merremia mammosa*) Terhadap Fagositosis Makrofag dan Produksi Nitrit Oksida (NO) Makrofag Studi pada mencit Balb/c yang Diinfeksi *Salmonella typhimurium*.
- Untoro, M., Fachriyah, E., Kusriani, D., 2016. Isolasi dan Identifikasi Senyawa Golongan Alkaloid dari Rimpang Lengkuas Merah (*Alpinia purpurata*). *J. Kim. Sains dan Apl.* 19, 58–62. <https://doi.org/10.14710/jksa.19.2.58-62>
- VanEperen, A.S., Segreti, J., 2016. Empirical therapy in Methicillin-resistant *Staphylococcus Aureus* infections: An Up-To-Date approach. *J. Infect. Chemother.* 22, 351–359. <https://doi.org/10.1016/j.jiac.2016.02.012>
- WCC, 2019. Open Wounds Basics [WWW Document]. URL <https://www.woundcarecenters.org/article/wound-basics/closed-wound-basics> (accessed 5.13.19).
- Zeniusa, P., Ramadhian, M.R., Nasution, S.H., Karima, N., 2019. Uji Daya Hambat Ekstrak Etanol Teh Hijau Terhadap *Escherichia coli* Secara In Vitro. *Majority* 8, 136–143.