

Daftar Pustaka

- Acharya Bipin Kumar, et al. (2016). "Spatiotemporal Analysis Of Dengue Fever In Nepal From 2010 To 2014." *BMC Public Health* 16: 1-10.
- Ariyanti NK, Darmayasa IBG, & Sudirga SK. (2012). Daya Hambat Ekstrak Kulit Daun Lidah Buaya (*Aloe barbadensis Miller*) Terhadap Pertumbuhan Bakteri *Staphylococcus aureus* ATCC 25923 dan *Escherichia coli* ATCC 25922.
- Ayobami O, Brinkwirth S, Eckmanns T, & Markwart R. *Antibiotic resistance in hospital-acquired ESKAPE-E infections in low- and lower-middle-income countries: a systematic review and meta-analysis*. *Emerging microbes & infections*. 2022; 11(1), 443–451.
- Baso, F. (2014). Uji efektivitas antibakteri ekstrak etanol daun jati (*Tectona grandis* L.f) terhadap *Escherichia coli* dan *Staphylococcus aureus*. Skripsi. Universitas Islam Negeri Alauddin Makassar.
- Benneth J.V. and Brachman P.S.(eds). *Hospital Infections. Third Edition. Brown An Company*. Toronto. 265-282.
- Billater M. (2016). *Bacterial Resistance. Pharmacotherapy Self Assessment Program*;4: 169-89.
- Chen, L. et al. (2023). *Molecular docking analysis of flavonoids targeting quorum sensing regulators in Pseudomonas aeruginosa*. *Computational Biology and Chemistry*, 106, 107850.
- Cowan, M. M. (1999). Plant products as antimicrobial agents. *Clinical Microbiology Reviews*, 12(4), 564–582.
- Cushnie, T. P. T., & Lamb, A. J. (2011). Recent advances in understanding the antibacterial properties of flavonoids. *International Journal of Antimicrobial Agents*, 38(2), 99–107.
- Dong, Y., et al. (2024). Structure-based inhibition of LasR by plant-derived flavones reduces virulence and biofilm in *Pseudomonas aeruginosa*. *Nature Communications*,
- Fauziah, W. . (2015). Uji Aktivitas Antimikroba Ekstrak Etanol Daun, Kulit, Dan Biji Kelengkeng (*Euphoria longan* L.) Terhadap Pertumbuhan *Saccharomyces cerevisiae* Dan *Lactobacillus plantarum* Penyebab Kerusakan Nira Siwalan (*Borassus Flabellifer* L.).

- Gellatly, S. L., & Hancock, R. E. W. 2013. *Pseudomonas aeruginosa*: New insights into pathogenesis and host defenses. *Pathogens and Disease*. 67(3), 159–173.
- González-Lamothe, R. et al. (2024). *Polyphenol-mediated quorum sensing inhibition in Pseudomonas aeruginosa: a new strategy against MDR pathogens*. *Frontiers in Microbiology*, 15(6): 1478923.
- Goodman dan Gilman (2010) *Manual Farmakologi dan Terapi*. Edited by L. L. Brunton. Jakarta: Penerbit Buku Kedokteran EGC.
- Grover, N., Sahni, A. K., & Bhattacharya, S. 2013. *Therapeutic challenges of ESBLs and Ampc beta lactamase producers in a tertiary care center*. *Medical Journal Armed Forces India*. 69(1), 4–10.
- Harborne, J. B. (1998). *Phytochemical Methods: A Guide to Modern Techniques of Plant Analysis*. Chapman and Hall.
- Hudzicki, J. (2016). *Kirby–Bauer Disk Diffusion Susceptibility Test Protocol*. ASM Press.
- Himawan, R.F. (2010). *Kromatografi Cair Kinerja Tinggi(KCKT)*.
- Lister, P. D., Wolter, D. J., & Hanson, N. D. 2009. *Antibacterial-resistant Pseudomonas aeruginosa: Clinical impact and complex regulation of chromosomally encoded resistance mechanisms*. *Clinical Microbiology Reviews*. 22(4): 582–610.
- Livermore, D. M. (2002). Multiple mechanisms of antimicrobial resistance in *Pseudomonas aeruginosa*: Our worst nightmare? *Clinical Infectious Diseases*, 34(5), 634–640.
- Jawetz E, Melnick, J.L. & Adelberg (2015). *Mikrobiologi Kedokteran, Diterjemahkan Oleh Mudihari, E., Kuntaman*. Edisi XXII. Penerbit Salemba Medika, Jakarta
- Joseph, B., & Raj, S. J. (2010). Pharmacognostic and phytochemical properties of *Aloe vera Linn* – An overview. *International Journal of Pharmaceutical Sciences Review and Research*, 4(2), 106–110.
- Kalia, V. C., et al. (2019). Quorum sensing inhibitors as antipathogenic drugs for microbial infections. *Drug Discovery Today*, 24(2), 406–414.
- Katzung, B.G., 2007, *Basic & Clinical Pharmacology, Tenth Edition*, United States : Lange Medical Publications

- Khameneh, B., et al. (2021). Mechanisms of antibacterial action of alkaloids. *Pharmaceuticals*, 14(7), 634.
- Magiorakos, A. P. et al. (2012). Multidrug-resistant, extensively drug-resistant and pandrug-resistant bacteria. *Clinical Microbiology and Infection*, 18(3), 268–281.
- Makalew A. J. M, Edward Nangoy, dan Pensi M. Wowor. (2016). Aktivitas Ekstrak Kulit Buah Nanas (*Ananas comosus L*) Terhadap Pertumbuhan *Staphylococcus aureus*
- Mayasari, E. (2005). *Pseudomonas aeruginosa* ; Karakteristik, Infeksi dan Penanganan. Available online at : <http://library.usu.ac.id/> [Diakses tanggal 15 Agustus 2016]
- Mohammed, A. et al. (2022). *Antimicrobial and antioxidant potential of Aloe vera extract against multidrug-resistant bacteria*. *Journal of Applied Microbiology*, 132(3), 2194–2206.
- Morris, G. M. et al. (2009). AutoDock4 and AutoDockTools4: Automated docking with selective receptor flexibility. *Journal of Computational Chemistry*, 30(16), 2785–2791.
- Nurmala, IGN Virgiandhy, Andriani, Delima F & Liana. (2015). Resistensi dan Sensitivitas Bakteri terhadap Antibiotik di RSUD dr. Soedarso Pontianak Tahun 2011-2013. Tanjungpura. Pontianak: Fakultas Kedokteran Universitas
- Noordia, A., & Nurita, T. (2018). Pelatihan Lidah Buaya Masyarakat Tebo Selatan Kelurahan Mulyorejo. *Jurnal ABDI*
- Ode, M.F., Ramli, M. dan Sahidin (2019) “Kajian Bioaktivitas Antibakteri Dan Senyawa Metabolit Sekunder Sprons Laut *Haliclona sp .*, Dari Perairan Tanjung Tiram Moramo Utara, Sulawesi Tenggara,” *Sapa Laut*, 4(1), hal. 13–22.
- Paczkowski, J. E., Mukherjee, S., et al. (2017). Flavonoids suppress *Pseudomonas aeruginosa* virulence through allosteric inhibition of LasR. *Proceedings of the National Academy of Sciences*, 114(49), E10373–E10381.
- Pang, Z., Raudonis, R., Glick, B. R., Lin, T. J., & Cheng, Z. 2019. *Antibiotic resistance in Pseudomonas aeruginosa: mechanisms and*

alternative therapeutic strategies. Biotechnology Advances 37(1):177–192. Elsevier Inc.

- Peter-Getzlaff, S., Polsfuss, S., Poledica, M., Hombach, M., Giger, J., Böttger, E. C., Zbinden, R., & Bloemberg, G. V. 2011. *Detection of AmpC beta-lactamase in Escherichia coli: Comparison of three phenotypic confirmation assays and genetic analysis.* *Journal of Clinical Microbiology.* 49(8): 2924–2932.
- Pitt, J.I. dan Hocking, A.D. 2009. *Fungi and Food Spoilage.* 3rd edn. London : Blackie Academic and Professional.
- Poole, K. (2011). *Pseudomonas aeruginosa: resistance to the max.* *Frontiers in Microbiology,* 2, 65.
- Pradana, D. (2014). Uji daya hambat ekstrak kulit batang *Rhizophora mucronata* terhadap pertumbuhan bakteri *Aeromonas hydrophila*, *Streptococcus agalactiae* dan jamur *Saprolegnia sp.* secara in vitro. Departemen Biologi, Fakultas MIPA, Universitas Sumatera Utara.
- Prambudi R & Reni Z. (2013). Uji Kepekaan Antibiotik Terhadap *Pseudomonas aeruginosa* Penyebab *Sepsis Neonatorum.* Fakultas Kedokteran Universitas Lampung.
- Prima, M. I. (2012). Uji Aktivitas Antibakteri Ekstrak Etanol Ganggang Merah (*Gracilaria verrucosa*) Terhadap Beberapa Bakteri Patogen Gram Positif dan Gram Negatif. Universitas Islam Negri Syarifhidayatullah.
- Radha, M. H., & Laxmipriya, N. P. (2015). Evaluation of biological properties and clinical effectiveness of *Aloe vera*: A systematic review. *Journal of Traditional and Complementary Medicine,* 5(1), 21–26.
- Rajeswari, J. R. et al. (2021). *Phytochemical profiling and antibacterial activity of Aloe vera extract.* *Scientific Reports,* 11(1): 12167.
- Rosana Y., Riyanto B & Setiawan B. (2007) *Pseudomonas Infections : What Antibiotics is the Best.* Diakses melalui: <http://www.kalbe.co.id/files/cdk/files/10PeranMediauntukIdentifikasiMikroba124.pdf> pada tanggal 5 Juli 2016.
- Rutherford, S. T., & Bassler, B. L. (2012). Bacterial quorum sensing: its role in virulence and possibilities for its control. *Cold Spring Harbor Perspectives in Medicine,* 2(11),

- Sahputri, R.D., 2019, Formulasi Sediaan Lip balm Ekstrak Lidah Buaya (*Aloe vera L.*), Tugas Akhir, Politeknik Kesehatan Tanjungkarang.
- Saraswati, F. N. (2015). Uji Aktivitas Antibakteri Ekstrak Etanol 96% Limbah Kulit Pisang Kepok Kuning (*Musa balbisiana*) Terhadap Bakteri Penyebab Jerawat (*Staphylococcus epidermidis*, *Staphylococcus aureus*, dan *Propionibacterium acne*).
- Sariadji, K. (2019). Kajian Pustaka: Uji Kepekaan Antibiotik pada *Corynebacterium diphtheriae*. Jurnal Biotek Medisiana Indonesia, 121–133.
- Sari, D. A., et al. (2020). *Jurnal Sains Farmasi & Klinis*.
- Setiabudi, R., 2007, Pengantar Antimikroba, dalam Gunawan, S.G., Setiabudy, R., Nafrialdi. dan Elysabeth., *Farmakologi dan Terapi*, Hal 585, Bagian Farmakologi Fakultas Kedokteran Universitas Indonesia, Jakarta.
- Strateva, T., & Yordanov, D. 2009. *Pseudomonas aeruginosa - A phenomenon of bacterial resistance. Journal of Medical Microbiology*. 58(9):1133–1148).
- Surjushe, A., Vasani, R., & Saple, D. G. (2008). *Aloe vera: A short review. Indian Journal of Dermatology*, 53(4), 163–166.
- Syarifah, S., & Siti, R. (2015). Formulasi Sediaan Masker Gel Peel-Off Ekstrak Daun Pepaya (*Carica Papaya L.*) Sebagai Antijerawat Dan Uji Aktivitasnya Terhadap Bakteri *Propionibacterium Acnes*. Universitas Islam Bandung Repository, 4–22.
- Xie, Y., et al. (2022). Flavonoid inhibitors targeting LasR attenuate quorum sensing and biofilm formation in *Pseudomonas aeruginosa*. *Frontiers in Molecular Biosciences*,
- Weinstein R.A. (1992). *Multiply Drug-Resistant Pathogens: Epidemiology And Control*. Little. In :
- Wibowo, A. 2016. Uji Tiga Genotipe Cabai Merah (*Capsicum anuum L.*) Pada Formulasi Pupuk di Lahan Gambut. Skripsi. (Tidak dipublikasikan). Fakultas Pertanian. Universitas Riau. Pekanbaru.
- Yolla Arinda Nur Fitriana, V. A. (2019). Aktivitas Anti Bakteri Daun Sirih: Uji Ekstrak Khm (Kadar Hambat Minimum) Dan Kbm (Kadar Bakterisidal Minimum). Sainteks