

DAFTAR PUSTAKA

- Akbar, R.A., Ryandini, D. & Kusharyati, D.F., 2017. Potensi Aktinomiseta Asal Tanah Perakaran Mangrove Segara Anakan Cilacap sebagai Penghasil Antifungi terhadap Yeast Patogen *Candida albicans*. *Journal of Tropical Biodiversity and Biotechnology*, 2(2), pp.39-44.
- Arung, E.T., Pasedan, W.F., Kusuma, I.W., Hendra, M. & Supriadi, M.B., 2017. Selected Medicinal Plants in East and North Kalimantan (Indonesia) Against *Propionibacterium acnes*. *Biodiversitas Journal of Biological Diversity*, 18(1), pp.321-325.
- Azizah, S.N., Rachmawati, T.A. & Hidayah, A.N., 2021. Antibacterial Activity *Streptomyces* spp. Endophytic to *Staphylococcus aureus* and *Escherichia coli*. *Jurnal Ilmiah Farmasi Akademi Farmasi Jember*, 4(1), pp.19-25.
- Brown, A. & Smith, H., 2015. *Benson's Microbiological Applications: Laboratory Manual in General Microbiology*. Thirteenth Edition. USA: McGraw-Hill Education.
- Cappuccino, J.G. & Welsh, C., 2018. *Microbiology A Laboratory Manual*. Eleventh Edition. USA: Pearson.
- Chuang, M.J., Jancosko, J.J., Mendoza, V. & Nottage, W.M., 2015. The Incidence of *Propionibacterium acnes* in Shoulder Arthroscopy. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*, 31(9), pp.1702-1707.
- Dahal, R.H., Shim, D.S. & Kim, J., 2017. Development of Actinobacterial Resources for Functional Cosmetics. *Journal of Cosmetic Dermatology*, 16(2), pp.243-252.
- Davis, W.W. & Stout, T.R., 1971. Disc Plate Method of Microbiological Antibiotic Assay: I. Factors Influencing Variability and Error. *Applied Microbiology*, 22(4), pp.659-665.
- Dewi, K.E.K., Habibah, N. & Mastra, N., 2020. Uji Daya Hambat berbagai Konsentrasi Perasan Jeruk Lemon terhadap Bakteri *Propionibacterium acnes*. *Jurnal Sains dan Teknologi*, 9(1), pp.86-93.
- Enmozhi, S.K., Ganesan, V., Kaari, M., Selvaraj, B., Venugopal, G., Joseph, J. & Manikkam, R., 2020. Anti-Infective Potential of Marine Actinobacteria Against Carbapenem Resistant *Klebsiella pneumoniae* ATCC 13882. *Research Journal of Pharmacy and Technology*, 13(8), pp.3653-3660.
- Fardiyanti, R., Kasrina, & Bustaman, H., 2021. Ragam Jenis *Streptomyces* sp. pada Rizosfer Tanaman Suku Liliaceae di Kawasan Desa Sumber Bening. *Konservasi Hayati*, 17(1), pp.29-34.
- Graber, E.M., 2021. Treating Acne with the Tetracycline Class of Antibiotics: A Review. *Dermatological Reviews*, 2, pp.321-330.
- Firmansyah S,H., Anwar, A.I., Tabri, F., Waspodo, N.N., Bahar, B. & Massi, M.N., 2017. Contribution of *Propionibacterium acnes* Bacteria in Patients with Acne Vulgaris in Makassar. *International Journal of Sciences: Basic and Applied Research*, 36(4), pp.123-131.

- Hasibuan, I.R., Antara, N.S. & Wijaya, I.M.M., 2021. Isolasi dan Karakterisasi Jamur Pelapuk Putih Pendegradasi Lignin dari Limbah Cair Pulp dan Kayu Lapuk Eukaliptus (*Eucalyptus* sp). *Jurnal Rekayasa dan Manajemen Agroindustri*, 9(1), pp.119-129.
- Holt, J.G., Krieg, N.R., Sneath, P.H.A., Staley, J.T. & Williams, S.T., 1994. *Bergey's Manual of Determinative Bacteriology*. 9th Ed. Philadelphia: Lippincott Williams & Wilkins.
- Isdianto, A. Pratama, L.W., Supriyadi, Saputra, D.K., As'adi, M.A., Luthfi, O.M. & Haykal, M.F., 2021. Penggunaan Citra Landsat 8 Untuk Memetakan Luas Sebaran Hutan Mangrove Di Segara Anakan, Cilacap, Jawa Tengah. *Journal of Fisheries and Marine Research*, 5(2), pp.193-200.
- Jha, V., Jain, T., Nikumb, D., Gharat, Y., Koli, J., Jadhav, N., Gaikwad, J., Dubey, P., Dhopeshwarkar, D., Narvekar, S. & Bhargava, A. *Streptomyces peucetius* M1 and *Streptomyces lavendulae* M3 Soil Isolates as a Promising Source for Antimicrobials Discovery. *Journal of Pharmaceutical Research International*, 34(50B), pp.7-19.
- Kalaiyarasi, M., Ahmad, P. & Vijayaraghavan, P., 2020. Enhanced Production Antibiotics Using Green Gram Husk Medium by *Streptomyces* sp. SD1 Using Response Surface Methodology. *Journal of King Saud University-Science*, 32(3), pp.2134-2141.
- Kementerian Kesehatan Republik Indonesia., 2012. *Pedoman Pengendalian Infeksi Saluran Pernafasan Akut*. Jakarta: Departemen Kesehatan Republik Indonesia.
- Kurnianto, M.A., Kusumaningrum, H.D., Lioe, H.N. & Chasanah, E., 2021. Antibacterial and Antioxidant Potential of Ethyl Acetate Extract from *Streptomyces* AIA12 and AIA17 Isolated from Gut of *Chanos chanos*. *Biodiversitas Journal of Biological Diversity*, 22(8). pp.3196-3206.
- Kusuma, I.M. & Adhitya, R.A., 2021. Aktivitas Antibakteri Ekstrak Etil Asetat Kulit Buah Kawista (*Limonia acidissima* L.) Terhadap *Propionibacterium acnes*. *Sainstech Farma*, 14(1), pp.54-58.
- Kusumawati, N., Estikomah, S.A. & Amal, S., 2018. Uji Efektivitas Air Perasan Jeruk Nipis (*Citrus aurantifolia*) dan Madu Randu dalam Menghambat Pertumbuhan Bakteri *Propionibacterium acnes*. *Pharmaceutical Journal of Islamic Pharmacy*, 2(2), pp.17-22.
- Larasati, A., 2019. Optimization of Medium and Incubation Time on the Production of Antibacterial Compound Crude Extract of *Streptomyces* sp. SA404. *Skripsi*. Purwokerto: Universitas Jenderal Soedirman.
- Latha, S., Sivarajani, G. & Dhanasekaran, D., 2017. Response Surface Methodology: A Non-Conventional Statistical Tool to Maximize the Throughput of *Streptomyces* Species Biomass and Their Bioactive Metabolites. *Critical Reviews in Microbiology*, 43(5), pp.567-582.
- Lee, D.S., & Song, H.G., 2018. Antibacterial Activity of Isolated Bacteria Against *Propionibacterium acnes* Causing Acne Vulgaris. *Korean Journal of Microbiology*, 54(3), pp.272-279.

- Lee, E.S., Lee, E.Y., Yoon, J., Hong, A., Nam, S.J., & Ko, J., 2020. Sarmentosamide, an Anti-Aging Compound from a Marine-Derived *Streptomyces* sp. APmarine042. *Marine drugs*, 18(9), p.463.
- Lee, S.E., Kim, M.J., Hillman, P.F., Oh, D.C., Fenical, W., Nam, S.J. & Lim, K.M., 2022. Deoxyvasicinone with Anti-Melanogenic Activity from Marine-Derived *Streptomyces* sp. CNQ-617. *Marine drugs*, 20(2), p.155.
- Li, K., Tang, X., Zhao, J., Guo, Y., Tang, Y. & Gao, J., 2019. *Streptomyces cadmisioli* sp. nov., A Novel Actinomycete Isolated from Cadmium-Contaminated Soil. *International Journal Of Systematic And Evolutionary Microbiology*, 69(4), pp.1024-1029.
- Marliana, Sartini, & Karim, A., 2018. Efektivitas Beberapa Produk Pembersih Wajah Antiacne terhadap Bakteri Penyebab Jerawat *Propionibacterium acnes*. *Jurnal Biologi Lingkungan Industri Kesehatan*, 5(1), pp.31-41.
- Martins, A.M., Marto, J.M., Johnson, J.L. & Gruber, E.M., 2021. A Review of Systemic Minocycline Side Effects and Topical Minocycline as a Safer Alternative for Treating Acne and Rosacea. *Antibiotics*, 10(7), p.757.
- Masood, A., Ashiq, K., Qayyum, M., Bajwa, M.A., Rukh, A.S., Arshad, A. & Sattar, R., 2020. A Review on Existing Tetracyclines Analogues and Their Pharmacologically Targeted SAR. *RADS Journal of Pharmacy and Pharmaceutical Sciences*, 8(3), pp.173-180.
- Minarni, E., Armansyah, T. & Hanafiah, M., 2013. Daya Larvasida Ekstrak Etil Asetat Daun Kemuning (*Murraya paniculata* (L) jack) Terhadap Larva Nyamuk *Aedes aegypti*. *Jurnal Medika Veterinaria*, 7(1), pp.27-29.
- Mubarak, F., Rante, H. & Djide, N., 2017. Isolasi dan Aktivitas Antimikroba Aktinomycetes dari Tanah Karst Taman Wisata Bantimurung Asal Maros Sulawesi Selatan. *Jurnal Ilmiah As-Syifaa*, 9(1), pp.1-10.
- Nandina, R.Q., Pujiyanto, S., Wijanarka, & Fahrurrozi., 2019. Skrining Aktivitas Antibakteri dan Identifikasi Molekuler Berdasarkan Gen 16S rRNA Isolat Aktinomiset Asal Pulau Enggano dan Bali. *Berkala Bioteknologi*, 2(2), pp.1-8.
- Nazipi, S., Stødkilde, K., Scavenius, C. & Brüggemann, H., 2017. The Skin Bacterium *Propionibacterium acnes* Employs Two Variants of Hyaluronate Lyase with Distinct Properties. *Microorganisms*, 5(3), p.57.
- Nita, C.N., Fembriyanto, R.K. & Hidayati, N.A., 2018. Potensi Daun Kayu Lubang (*Timonius flavesens* (Jacq.) Baker) sebagai Alternatif Mengatasi Jerawat. *Ekotonia: Jurnal Penelitian Biologi, Botani, Zoologi Dan Mikrobiologi*, 3(2), pp.50-54.
- Nurkanto, A., Listyaningsih, F., Julistiono, H. & Agusta, A., 2017. Eksplorasi Keanekaragaman Aktinomiseta Tanah Ternate sebagai sumber Antibakteri. *Jurnal Biologi Indonesia*, 6(3), pp.325-339.
- Ochsendorf, F., 2010. Minocycline in Acne Vulgaris. *American Journal of Clinical Dermatology*, 11(5), pp.327-341.

- Omidoyin, K.C. & Femi-Ola, T.O., 2020. Isolation and Screening of *Streptomyces* spp from Soil Samples of Ekiti State University Nigeria for Antibacterial Activity. *International Journal of Research Innovation and Entrepreneurship*, 1(2), pp.48-54.
- Pratama, G.M., Hartawan, I.G.N., Indriani, I.G.A., Yusrika, M.U., Suryantari, S.A. & Sudarsa, P.S., 2020. Potency of *Spirulina platensis* Extract as Sunscreen on Ultraviolet B Exposure. *Journal of Medicine and Health*, 2(6), pp.205-217.
- Rakesh, K.N., Dileep, N., Junaid, S. & Kekuda T.R., P., 2014. Optimization of Culture Conditions for Production of Antibacterial Metabolite by Bioactive *Streptomyces* Species SRDP-TK-07. *An International Journal of Advances in Pharmaceutical Sciences*, 5(1), pp.1809-1816.
- Ramachanderan, R. & Schaefer, B., 2021. Tetracycline Antibiotics. *Chemistry Texts*, 7(3), pp.1-42.
- Rudiyat, A., Yulianti, R. & Indra, I., 2020. Formulasi Krim Anti Jerawat Ekstrak Etanol Kulit Pisang Kepok (*Musa balbisiana colla*). *Jurnal Kesehatan Bakti Tunas Husada: Jurnal Ilmu-ilmu Keperawatan, Analis Kesehatan dan Farmasi*, 20(2), pp.170-180.
- Ryandini, D., Pramono, H. & Sukanto, S., 2018. Antibacterial Activity of *Streptomyces* SAE4034 Isolated from Segara Anakan Mangrove Rhizosphere Against Antibiotic Resistant Bacteria. *Biosaintifika: Journal of Biology & Biology Education*, 10(1), pp.117-124.
- Ryandini, D., Radjasa, O. K. & Oedjijono, 2021. Bioactive Compounds Derived from *Streptomyces* sp. SA32: Antibacterial Activity, Chemical Profile, and Their Related Genes. *IOP Conference Series: Earth and Environmental Science*, 948(1), p.012062.
- Sastry, A.S. & Bath K, S., 2018. *Essentials of Medical Microbiology*. India: Jaypee Brothers Medical Publishers Pvt. Limited.
- Selviani, A., Sugito, S. & Sutriswanto, S., 2019. Pengaruh Variasi Konsentrasi Ekstrak Daun Sambung Nyawa terhadap Zona Hambat Bakteri *Escherichia coli* Metode Difusi. *Jurnal Laboratorium Khatulistiwa*, 2(2), pp.44-48.
- Shields, P. & Cathcart, L., 2010. Oxidase Test Protocol. *American Society for Microbiology*, pp.1-9.
- Shivamallu, C., Sharif, S., Vidya, G., Dharmashkar, C., Shreevatsa, B., Shiva Prasad, K., Pattnaik, B., Patilf, S.S., Srinivasg, C., Gopinat, S.M. & Ashwini, P., 2021. Sensitivity of *Propionibacterium acnes* towards Commercial Anti-Acne Formulations. *Journal of Pharmaceutical Research International*, 33(55A), pp.295-304.
- Sofariyanti, A.E., Sasongkowati, R. & Anggraini, A.D., 2019. Aktivitas Antibakteri Aktinomiseta di Hutan Mangrove Wonorejo Surabaya yang Antagonis terhadap Bakteri *Staphylococcus aureus*. *Analisis Kesehatan Sains*, 8(2), pp.738-748.

Zhu, T., Zhu, W., Wang, Q., He, L., Wu, W., Liu, J., Li, Y. & Sun, D., 2019. Antibiotic Susceptibility of *Propionibacterium acnes* Isolated from Patients with Acne in a Public Hospital in Southwest China: Prospective Cross-Sectional Study. *British Medical Journal*, 9(2), pp.1-7.

