

DAFTAR REFERENSI

- Alwi, M., Merdekawaty, L., & Umrah, U., 2012. Identifikasi *Actinomycetes* yang Terdapat pada Tanah di sekitar Danau Lindu Sulawesi Tengah. *Biocelbes*. 6(1).
- Ambarwati., 2007. Studi *Actinomycetes* yang Berpotensi Menghasilkan Antibiotik dari Rizosfer Tumbuhan Putri Malu (*Mimosa pudica* L.) dan Kucing-Kucingan (*Acalypha indica* L.). *Jurnal Penelitian Sains & Teknologi*. 8(1), pp.1-14.
- Amin, Lukman Zulkifli., 2014. Pemilihan Antibiotik yang Rasional. *Medicinu*. 27(3), pp.40 – 45.
- Amrita, Kumari., Jain Nitin., C. Subathra Devi.2012. Novel Bioactive Compounds From Mangrove Derived *Actinomycetes*. *International Research Journal of Pharmacy*. 3(9).
- Andriani, A. 2007. Penapisan *Streptomyces* spp. Penghasil Senyawa Penghambat Pertumbuhan *Streptococcus mutans* yang Diisolasi dari Plak Gigi. *Skripsi*. Institut Pertanian Bogor.
- Ardli, E. R., & Wolff, M., 2009. Land use and land cover change affecting habitat distribution in the Segara Anakan lagoon, Java, Indonesia. *Regional Environmental Change*. 9(4), pp.235-243.
- Asnani, A., & Ryandini, D., 2016. Screening of Marine *Actinomycetes* from Segara Anakan for Natural Pigment and Hydrolytic Activities. In *IOP Conference Series : Materials Science and Engineering*. 107 (1), pp.012056.
- Basavaraj, Nanjwade K., S Chandrashekhara., Ali M Shamarez., Prakash S Goudanavar., Fakirappa V Manvi. 2010. Isolation and Morphological Characterization of Antibiotic Producing *Actinomycetes*. *Tropical Journal of Pharmaceutical Research*. 9 (3), pp.231-236.
- Bauer AW., Kirby WM., Sheris JC., Turck M .,1966. Antibiotic susceptibility testing by a standardized single disc method.*Am J .Clin. Pathol*. 45, pp.149-158.
- Berdy, J., 2005. Bioactive microbial metabolites. *Journal of Antibiotics*. 58(1), pp.1.
- Chaudhary, H. S., Soni, B., Shrivastava, A. R., & Shrivastava, S., 2013. Diversity and Versatility of *Actinomycetes* and its Role in Antibiotic Production. *Journal of Applied Pharmaceutical Science*. 3, pp. S83-S94.
- Cos, Paul., Arnold J. Vlietinck., Dirk Vanden Berghe., Louis Maes. 2006. Anti-Infective Potential of Natural Products: How to Develop a Stronger in Vitro ‘Proof-of-concept’. *Journal of Ethnopharmacology*. 106, pp.290-302.
- Fatiqin, Awalul., 2015. Eksplorasi Aktinomiset Sebagai Penghasil Antibiotika Dari Tanah Mangrove *Sonneratia caseolaris* Di Tanjung Api Api. *Jurnal Biota*. 1, pp.58-60.

- Gunarto. 2004. Konservasi Mangrove Sebagai Pendukung Sumber Hayati Perikanan Pantai. *Jurnal Litbang Pertanian*. 23(1).
- Gupta N., Mishra S., Basak UC. 2009. Diversity of *Streptomyces* in Mangrove Ecosystem of Bhitarkanika. *Iranian Journal of Microbiology*. 1(3), pp.37-42.
- Hemraj, Vashist., Sharma Diksha., dan Gupta Avneet. 2013. A Review on Commonly Used Biochemical Test for Bacteria. *Innovare Journal of Life Science*. 1(1), pp.1-7.
- Holt., S.R., Murray, E.G.D., & Smith, R.N. 2000. *Bergey's Manual Determinative of Bacteriology*. Baltimore, Waverly Press. 9th edition
- Hong Kui., An-Hui Gao., Qing-Yi Xie., Hao Gong., Ling Zhuang., Hai-Peng Lin., Hai-Ping Yu., Jia Li., Xin-Sheng Yao., Michael Goodfellow., Ji-Sheng Ruan. 2009. Actinomycetes for Marine Drug Discovery Isolated from Mangrove Soils and Plants in China. *Marine Drugs*. 7, pp.24-44.
- Huda, Chairul., Salni dan Melki. 2012. Penapisan Aktivitas Antibakteri dari Bakteri yang Berasosiasi dengan Karang Lunak *Sarcophyton* sp. *Maspari Journal*. 4(1), pp.69-76.
- Kathiresan, K., & Bingham, B.L., 2001. Biology of Mangroves and Mangrove Ecosystems. *Advances in Marine Biology*. 40, pp.81-251.
- Kekuda Prashith, T. R., Shobha, K. S., Onkarappa, R., Goutham, S. A., & Raghavendra, H. L., 2012. Screening biological activities of a *Streptomyces* species isolated from soil of Agumbe, Karnataka, India. *International Journal of Drug Development and Research*. 4 (3), pp. 104-114.
- Kismiyati., Sri Subekti., R. Wahid Nur Yusuf dan Rahayu Kusdarwati., 2009. Isolasi dan Identifikasi Bakteri Gram Negatif pada Luka Ikan Maskoki (*Carassius auratus*) Akibat Infeksi Ektoparasit *Argulus* sp. *Jurnal Ilmiah Perikanan dan Kelautan*. 1(2),pp.129 – 134.
- Krismawati, Hana., Langkah Sembiring., Subagus Wahyuono. 2015. *Streptomyces* Penghasil Antibiotik yang Berasosiasi dengan Rhizosfer beberapa Spesies Mangrove. *PLASMA*. 1 (2), pp. 59-70.
- Kumar, Saravana P., V. Duraipandiyan., S. Ignacimuthu. 2014. Isolation, Screening and Partial Purification of Antimicrobial Antibiotics from Soil *Streptomyces* sp. SCA 7. *Kaohsiung Journal of Medical Sciences*. 30, pp. 435-446.
- Maataoui, Hajar., Mohammed Iraqui., Siham Jihani., Saad Ibensouda and Abdellatif Haggoud. 2014. *African Journal of Microbiology Research*. 8(11), pp.1178-1186.
- Manasa M., Pallavi S., Onkarappa R., Prashith Kekuda T.R. 2014. Antibacterial Activity of Bioactive *Streptomyces* Species MPPO-02 Against Clinical Isolates of Burn, Dental Caries and Urinary Tract Infections. *Journal of biological & Scientific Opinion*. 2(1).

- sri, Denitsa., Mariana Naidenova. 2004. Screening The Antimicrobial Activity of Actinomycetes Strains Isolated from Antarctica. *Journal of Culture Collections*. 4, pp.29-35.
- Nanjwade K Basavaraj., S Chandrashekhara., Ali M Shamarez., Prakash S Goudanavar., Fakirappa V Manvi. 2010. Production of Antibiotics From Soil-Isolated Actinomycetes and Evalution of Their Antimicrobial Activities. *Tropical Journal of Pharmaceutical Research*. 9(4), pp.373-377.
- Neu, Harold C., 1992. The Crisis in Antibiotic Resistance. *Journal of Science*. 257 (5073), pp.1064-1073.
- Noor, Y.R, Khazali, M., Suryadiputra, I.N.N. 2006. Panduan Pengenalan Mangrove di Indonesia. *PHKA/WI-IP*. Bogor.
- Nurkanto, A., Rahmansyah M., dan Kanti A., 2008, *Teknik Isolasi Aktinomisetes*, Jakarta, LIPI Press.
- Nurkanto, Arif. 2012. Penapisan Actinomycetes Asal Raja Ampat, Papua Penghasil Antimikroba dan Antikaker, dan Identifikasi Molekuler Isolat-Isolat Terpilih. *Tesis*. Universitas Indonesia.
- Oedjijono., M.A. Line and C. Dragar. 1993. Isolation of Bacteria Antagonistic to A Range of Plant Pathogenic Fungi. *Solt Bioogy Biochem*. 25(2), pp. 247-250.
- Oskay M., Tamer A.U. and Azeri C., 2004. Isolation and Chracterization Of *Actinomycetes* as Biocontrol. *African J Biotechnol* .3(9), pp.441- 446.
- Pandey., A, Imran., A, Kailash., S, B, Tanushri., C, Vidyottma., S., 2011. Isolation And Characterization Of *Actinomycetes* From Soil And Evaluation Of Antibacterial Of *Actinomycetes* Against Patogens. *Int Journal Appl Biol*. 2(4), pp.385-393.
- Pelczar, Michael J., Chan, E.C.S. 2012. *Dasar-Dasar Mikrobiologi 2*. UI-Press. Jakarta.
- Prabowo, Yudi., Henky Irawan dan Arief Pratomo. 2014. Extraction of Secondary Metabolite Compound in Mangrove *Xylocarpus granatum* Leaves with Different Solvents. *Jurnal Universitas Raja Ali Haji (Umrh)*.
- Purwohadisantoso Kristian., Elok Zubaidah., Ella Saparianti., 2009. Isolasi Bakteri Asam Laktat dari Sayur Kubis yang Memiliki Kemampuan Penghambatan Bakteri Patogen (*Staphylococcus aureus*, *Listeria monocytogenes*, *Escherichia coli* dan *Salmonella thypimurium*). *Jurnal Teknologi Pertanian*. 10(1), pp.19-27.
- Rante, Herlina., Wahyono., Yosi B.Murti., Gemini Alam., 2010. Purifikasi dan Karakterisasi Senyawa Antibakteri dari *Actinomycetes* Asosiasi Spons Terhadap Bakteri Patogen Resisten. *Majalah Farmasi Indonesia*. 21(3), pp. 158-165.

- Ravikumar., S, Samikan., K, Samuel., J, I, Murugesan, G., 2010. Antagonistic Activity Of Marine *Actinomycetes* From Arabian Sea Cost. Scholar Research Library. 2(6), pp.273-280.
- Riyanti, Aziz, S., Sabdono, A., Radjasa, O. K., 2012. Deteksi Gen NrpS Aktinomisetes Simbion Rumput Laut Dan Karang Lunak. *Prosiding*. 3(1).
- Prabhakar.C., Saleshrani. K., Enbarasan R. 2014. Isolation and Characterization of Marine *Actinomycetes* From Muthupettai Mangroves, Tamilnadu India. *International Journal Of Recent Scientific Research*. 5(4), pp.906-910.
- Sanjivkumar, M., D. Ramesh Babu, A. M. Suganya, T. Silambarasan, R. Balagurunathan, G. Immanuel., 2016. Investigation on Pharmacological Activities of Secondary Metabolite Extracted from a Mangrove Associated Actinobacterium *Streptomyces olivaceus* (MSU3). *Biocatalysis and Agricultural Biotechnology*.
- Sari Dyah Mundir. 2013. Skrining dan Isolasi Senyawa Aktif Antibakteri dari Isolat Aktinomisetes Indigenus Indonesia. *Skripsi*. UIN Syarif Hidayatullah Jakarta.
- Saraswati, Rasti, Edi Husen, R.D.M. Simanungkalit., 2007. *Metode Analisis Biologi Tanah*. Bogor: Balai Besar Penelitian dan Pengembangan Sumber daya Lahan Pertanian.
- Sathya, R., T. Ushadevi., 2014. Industrially Important Enzymes Producing *Streptomyces* Species From Mangrove Sediments. *International Journal of Pharmacy and Pharmaceutical Sciences*. 6 (10), pp.233-237.
- Sharma, M., 2014. *Actinomycetes*: source, identification, and their applications. *Int J Curr Microbiol Appl Sci*. 3(2), pp.801-832.
- Sunaryanto, Rofiq. 2011. Isolasi, Purifikasi, Identifikasi dan Optimasi Medium Fermentasi Antibiotik yang Dihasilkan Oleh Aktinomisetes Laut. *Thesis*. Institut Pertanian Bogor.
- Surjowardjojo, Puguh., Tri Eko Susilorini., Vasco Benarivo. 2016. Daya Hambat Dekok Kulit Apel Manalagi (*Malus sylvestris* Mill) Terhadap Pertumbuhan *Escherichia coli* dan *Staphylococcus agalactiae* Penyebab Mastitis pada Sapi Perah. *Jurnal Ternak Tropika*. 17(1), pp.11-21.
- Suryono., C, A., 2006. Struktur Populasi Vegetasi Mangrove di Laguna Segara Anakan. *Jurnal Ilmu Kelautan*. 11(2), pp.112-118.
- Susilowati, Dwi N., Ratih D. Hastuti., Erny Yuniarti. 2007. Isolasi dan Karakterisasi Aktinomisetes Penghasil Antibakteri Enteropatogen *Escherichia coli* K1.1, *Pseudomonas pseudomallei* 02 05, dan *Listeria monocytogenes* 5407. *Jurnal Agrobiogen*. 3(1), pp. 15-23.

- Sweetline C., R.Usha., M.Palaniswamy. 2012. Antibacterial Activity of Actinomycetes from Pichavaram Mangrove of Tamil Nadu. *Applied Journal of Hygiene*. 1(2), pp.15-18.
- Thakur, D., T.C. Bora, G. N. Bordoloi, S. Mazumdar., 2009. Influence of nutrition and culturing conditions for optimum growth and antimicrobial metabolite production by *Streptomyces* sp. 201. *Journal de Mycologie Medicale*. 19, pp. 161-167.
- Tjay, T. H., & Rahardja, K., 2007. *Obat-obat penting: khasiat, penggunaan dan efek-efek sampingnya*. Elex Medium Komputindo.
- Valli S., Suvathi Sugasini S., Aysha OS., Nirmala P., Vinoth Kumar P., Reena A., 2012. Antimicrobial Potential of *Actinomycetes* Species Isolated From Marine Environment. *Asian Pasific Journal of Tropical Biomedicine*. 2(6), pp.469-473.
- Veronica., Bibiana W. Lay, Stella Magdalena., 2014. Isolation and Characterization of New Antibiotics from Indonesian Coastal Marine Bacteria. *Microbiology Indonesia*. 8(3), pp. 87-93.
- Wahyuni, Dede Sri., Mirnawati Bachrum Sudarwanto., Puspita Lisdiyanti. 2014. Screening of Antibacterial Activities of Actinomycetes Isolated from Indonesia. *Global Veterinaria*. 13(2), pp. 266-273.
- Waksman, Selman A., Albert Schatz., Donald M.Reynolds. 2010. Production of Antibiotic Substances By Actinomycetes. *Journal Series New Jersey Agricultural Experiment Station*. pp. 112-124.
- Yulianty, Risfah., Helrina Rante., Gemini Alam., Akbar Tahir. 2011. Skrining dan Analisis KLT-Bioautografi Senyawa Antimikroba Beberapa Ekstrak Spons Asal Perairan Laut Pulau Barrang Lompo, Sulawesi Selatan. *Majalah Obat Tradisional*. 16(02), pp.88-94.