

DAFTAR PUSTAKA

- Akbar, R. A., Ryandini, D. & Kusharyati, D. F., 2017. Potensi Aktinomisetes Asal Tanah Perakaran Mangrove Segara Anakan Cilacap Sebagai Penghasil Anti-fungi Terhadap *Candida albicans*. *Journal of Tropical Biodiversity and Biotechnology*, II(1), pp. 39-44.
- Ariningsih, R., 2009. Isolasi Streptomyces Dari Rizosfer Familia Poaceae yang Berpotensi Menghasilkan Antijamur Terhadap *Candida albicans*. *Skripsi*. Fakultas Farmasi Universitas Muhamadiyah Surakarta.
- Asnani, A., Ryandini, A. & Suwandri, 2016. Screening of Marine Actinomycetes from Segara Anakan for Natural Pigment and Hydrolytic Activities. *Materials Science and Engineering*, 107, pp. 1-9.
- Ayari, A., Morakchi, H. & Djamila, K. G., 2016. Isolation of Antifungal Activity of Novel Marine Actinomycetes, *Streptomyces* sp. AA13 Isolated from Sediments of Lake Ougeria (Algeria) Against *Candida albicans*. *African Journal of Microbiology Research*, 10(6), pp. 156-171.
- Chamikara, H. J. M. P., 2016. *Advanced Study on selected taxonomic groups of Bacteria and Archaea: Actinomycetes*, Sri Lanka: University of Kelaniya.
- Dancourt, M. Bollet, C., Carlnoz, A., Martelin, R., Gayral, J. P., & Raoult, D., 2000. 16S Ribosomal DNA Sequence Analysis of a Large Collection of Environmental and Clinical Unidentifiable Bacterial Isolates. *Journal of Clinical Microbiology*, 38(10), pp. 3623-3630.
- Hanum, L., Windusari, Y., Setiawan, A., Muharni, Adriansyah, F., & Mubarak, A.A., 2018. Comparison Of CTAB Method And Wizard Genomic Dna Purification System Kit From Promega On DNA Isolation Of Local Varieties Of Rice Of South Sumatra. *Science Technology Indonesia*, Volume III, pp. 26-29.
- Janda, J. M. & Abbott, S., 2007. 16S rRNA gene sequencing for bacterial identification in the diagnostic laboratory. *Journal Clinically Mikrobiology*, 45(9), p. 2761.
- Jauh-Hsun, C., Vinh, T., Davies, J. & Figdor, D., 2002. Molecular approaches to the differentiation of Actinomycetes spesies. *Journal of Molecular Oral Microbiology*, I(14), pp. 250-256.
- Joko, T., Kusumandari, N. & Hartono, S., 2011. Optimasi Metode PCR Untuk Deteksi *Pectobacterium carotovorum*, Penyebab Penyakit Busuk Lunak Angrek. *Jurnal Perlindungan Tanaman Indonesia*, 17(2), pp. 54-59.
- Jose, A. P. & Jebakumar, S. R. D., 2012. Phylogenetic diversity of actinomycetes cultured from coastal multipond solar saltern in Tuticorin, India. *Aquatic Biosystems*, VIII(23), pp. 1 - 9.
- Kanti, A., 2005. Actinomycetes Selulolitik dari Tanah Hutan Taman Nasional Bukit Duabelas, Jambi. *Biodiversitas*, VI(2), pp. 85-89.

- Ni'mah, S., 2018. Aktivitas Ekstrak Antifungi Isolat Aktinomisetes SA E40 FS Asal Tanah Perakaran Mangrove Segara Anakan, Cilacap terhadap Pertumbuhan Jamur Patogen Tanaman. *Skripsi*. Fakultas Biologi Universitas Jenderal Soedirman.
- Nurkanto, A. & Agusta, A., 2015. Identifikasi Molekular dan Karakterisasi Morfo-Fisiologi Actinomycetes Penghasil Senyawa Antimikroba. *Jurnal Biologi Indonesia*, XI(2), pp. 195-203.
- Özcan, K., Aksoy, S. C., Kalkan, O., Uzel, A., Hames-Kocabas, E. E., & Bedir, E., 2013. Diversity and antibiotic-producing potential of cultivable marine-derived actinomycetes from coastal sediments of Turkey. *Journal Soil Sediment*, Volume XIII, p. 1493–1501.
- Pangastuti, A., 2006. Definisi Spesies Prokaryota Berdasarkan Urutan Basa Gen Penyandi 16s rRNA dan Gen Penyandi Protein. *Biodiversitas*, VII(3), pp. 292-296.
- Patel, J. B., Wallace, R.J.Jr., Brown-Elliott, B.A., Taylor, T., Imperatrice, C., Leonard, D.G., Wilson, R.W., Mann, L., Jost, K.C., & Nachamkin, I., 2004. Sequence-based Identification of Aerobis Actinomycetes. *Journal Clinical Microbiology*, XLII(6), pp. 2530-2540.
- Paulos, S., Mateo, M., de Lucio, A., Hrnandez- de Mingo, M., Bailo, B., Saugar, J.M., Cardona, G.A., Fuentes, I., Mateo, M., & Carmena, D., 2016. Evaluation of Five Commercial Methods for The Extraction and Purification Of DNA From Human Faecal Samples for Downstream Molecular Detection of The Enteric Protozoan Parasites *Cryptosporidium* spp., *Giardia duodenalis*, And *Entamoeba* spp. *Journal of Microbiology Method*, pp. 1-7.
- Priyadarshini, A. et al., 2016. Isolation and Identification of Actinomycetes from Mangrove Soil and Extraction of Secondary Metabolites for Antibacterial Activity. *British Biotechnology Journal*, XII(2), pp. 1-13.
- Putri, A. L. & Nurkanto, A., 2016. Keragaman Aktinomisetes Asal Serasah, Sedimen, dan Tanah Pulau Enggano, Bengkulu. *Jurnal Ilmu Ilmu Hayati*, XV(5), pp. 217-225.
- Rau, C. H., Yudistira, A. & Simbala, H. E. I., 2018. Isolasi, Identifikasi Secara Molekuler Menggunakan Gen 16S rRNA, Dan Uji Aktivitas Antibakteri Bakteri Symbion Endofit yang Diisolasi dari Alga *Halimeda opuntia*. *PHARMACON*. VII(2), pp. 1-9.
- Retnowati, Yuliana., Sembiring, L., Moeljopawiro, Sukarti., Djohan, Tjut. S., dan Soetarto, Endang. S. 2017. Isolasi Dan Uji Aktivitas Antibakteri Actinomycetes Dari Rhizosfer Bakau Di Hutan Bakau Torosiaje Gorontalo. *Prosiding Seminar Nasional Pendidikan Biologi dan Saintek II*. Universitas Muhammadiyah Surakarta.
- Rizki, O. A., 2018. Aktivitas Antifungi Isolat Aktinomisetes Asal Rizosfer Mangrove terhadap Fungi Patogen Tanaman. *Skripsi*. Fakultas Biologi Universitas Jenderal Soedirman.

- Ryandini, D., Pramono, H., & Sukanto. 2018. Antibacterial Activity of *Streptomyces* SAE4034 Isolated from Segara Anakan Mangrove Rhizosphere against Antibiotic Resistant Bacteria. *Biosaintifika*. 10(1), pp. 117-124.
- Sari, W., 2014. Identifikasi Aktinomiset Endofit Asal Tanaman Padi Berdasarkan Analisis Gen 16S rRNA Dan nifH. *THESIS*. Sekolah Pasca Sarjana Institut Pertanian Bogor.
- Setyawan, B., Berlian, I. & Prasetyo, N. E., 2016. Eksplorasi Bakteri Endofitik dan Potensinya dalam Penghambatan Jamur Akar Putih (*Rigidiporus microporus*). *Indonesian Journal. Nat. Rubb. Res.*, II(34), pp. 175-188.
- Sharma, M., Dangi, P. & Choudhary, M., 2014. Actinomycetes: Source, Identification, and Their Applications. *International Journal of Current Microbiology and Applied Sciences*, III(2), pp. 801-832.
- Sulistiyani, N., 2013. Keragaman Isolat Actinomycetes Berdasarkan Analisis RFLP Terhadap Gen NPRS. *Jurnal Ilmiah Kefarmasian*, 3(2), pp. 81-94.
- Trivendi, P., Pandey, S. & Bhadauri, 2010. *Text Book of Microbiology*. Jaipur India: Aavishkar Publisher Distributors.
- Volk, A. R. & Wheeler, F. M., 1998. *Mikrobiologi Dasar*. Jakarta: Erlangga.
- Wardana, R. S., Ryandini, D. & Oedjiono, 2017. Antibacterial Capacity Of *Streptomyces* Isolate From A Mangrove Plant Rhizosphere *Avicennia marina*. *SCRIPTA BIOLOGICA*, IV(2), pp. 131-134.

