

DAFTAR PUSTAKA

- Agler, M. T., Ruhe, J., Kroll, S., Morhenn, C., Kim, S. T., Weigel, D., & Kemen, E. M. (2016). Microbial Hub Taxa Link Host And Abiotic Factors To Plant Microbiome Variation. *PLoS biology*, 14(1), e1002352.
- Ahmad, R., Mazlan, M. K. N., Aziz, A. F. A., Gazzali, A. M., Rawa, M. S. A., & Wahab, H. A. (2023). *Phaleria macrocarpa* (Scheff.) Boerl.: An updated review of pharmacological effects, toxicity studies, and separation techniques. *Saudi Pharmaceutical Journal*, 31(6), 874-888.
- Ainy, E. Q., Ratnayani, R., & Susilawati, L. (2015). Uji Aktivitas Antagonis *Trichoderma Harzianum* 11035 Terhadap *Colletotrichum Capsici* Tckr2 Dan *Colletotrichum Acutatum* Tck1 Penyebab Antraknosa Pada Tanaman. *Jurnal Biologi*, 892-897.
- Alimon, H., Noor, N. N. M., Daud, N., & Ismail, H. (2013). The inflorescence and infructescence morphology of *Phaleria macrocarpa* (Boerl.) Scheff. *Journal of Science and Mathematics Letters*, 5(1), 67-72.
- Alvarez, L. V., Hattori, Y., Deocarís, C. C., Mapanao, C. P., Bautista, A. B., Cano, M. J. B., Naito, K., Kitabata, S., Motohashi, K., & Nakashima, C. (2020). *Colletotrichum asianum* causes anthracnose in Philippine mango cv. Carabao. *Australasian Plant Disease Notes*, 15(1), 1-5.
- Amira, W., Harni, R & Samsudin. (2015). Evaluasi Jamur Antagonis dalam Menghambat Pertumbuhan *Rigidoporus microporus* Penyebab Penyakit Jamur Akar Putih pada Tanaman Karet. *Jurnal TIDP*. 2(1):51-60
- Ardiansyah, R., & Hidayat, I. (2021). Mekanisme antagonisme *Trichoderma* terhadap patogen tanaman. *Jurnal Agro*, 18(2), 45-52
- Aseny, N., Atika, E. N., & Ismed, F. (2021). The Variation of Betulinic Acid Content of Andalas Tree (*Morus macroura* var. *Macroura*) in Different Localities of West Sumatra. In *3rd KOBICONGRESS, International and National Conferences (KOBICINC 2020)* (pp. 287-291). Atlantis Press.
- Asrity, S. M., Tsan, F. Y., Ding, P., & Syed Aris, S. R. (2018). Functional properties of *Phaleria macrocarpa* fruit flesh at different ripeness. *International Food Research Journal*, 25(3).
- Astuti, K. E. W., & Handajani, S. R. (2018). Efektifitas Anti Inflamasi Formulasi Kunyit (*Curcuma Longa*), Daun Binahong (*Anredera Cordifolia*) Dan Daun Sambiloto (*Andrographis Paniculata*) Terhadap Luka Sayat Pada Kelinci. *Interest: Jurnal Ilmu Kesehatan*, 7(2).

- Auyong, A. S. M., Ford, R., & Taylor, P. W. J. (2012). Genetic transformation of *Colletotrichum truncatum* associated with anthracnose disease of chili by random insertional mutagenesis. *Journal of basic Microbiology*, 52(4), 372-382.
- Barimani, M., Pethybridge, S. J., Vaghefi, N., Hay, F. S., & Taylor, P. W. J. (2013). A new anthracnose disease of pyrethrum caused by *Colletotrichum tanacetii* sp. nov. *Plant Pathology*, 62(6), 1248-1257.
- Baserang, M & Rianto, MR. (2018). Pertumbuhan *Candida* sp. dan *Aspergillus* sp. dari Bilasan Bronkus Penderita Tuberkulosis Paru pada Media Bekatul. *Jurnal Ilmu Alam dan Lingkungan*. 9(18):74 ± 82
- Bashir, L., War, A.F., Rafiq, I., Reshi, Z.A., Rashid, I., Shouche, Y.S. (2022). Phyllosphere microbiome: diversity and functions. *Microbiol. Res.* 254, 126888
- Basu, S., Bose, C., Ojha, N., Das, N., Das, J., Pal, M., & Khurana. (2015). Evolution of Bacterial and Fungal Growth Media. *Bioinformation*. 11(4):182-184
- Berlian, I., Setyawan, B., & Hadi, H. (2013). Mekanisme antagonisme *Trichoderma* spp. terhadap beberapa patogen tular tanah. *Warta perkaretan*, 32(2), 74-82.
- Bhaskar, A., Nithya, V., & Vidhya, V. G. (2011). Phytochemical screening and in vitro antioxidant activities of the ethanolic extract of *Hibiscus rosa sinensis* L. *Annals of Biological Research*, 2(5), 653-661.
- Budiarti, M., & Jokopriyambodo, W. (2020). Potensi Ekstrak Daun Paliasa (*Kleinhovia hospita*) Sebagai Anti Plasmodium falciparum. *Buletin Penelitian Tanaman Rempah dan Obat*, 31(2), 85-96.
- Burch AY, Zeisler V, Yokota K, Schreiber L, Lindow SE. (2014). The hygroscopic biosurfactant syringafactin produced by *Pseudomonas syringae* enhances fitness on leaf surfaces during fluctuating humidity. *Environ Microbiol* 16:2086–2098
- Cannon, P. F., Damm, U., Johnston, P. R., & Weir, B. S. (2012). *Colletotrichum*: current status and future directions. *Studies in mycology*, 73(1), 181-213.
- Cendrawati, M. A., Suwandi, S., Herlinda, S., & Suparman, S. (2020). Potensi Jamur Asal Umbi Tanaman Terna Tahunan Sebagai Pengendali *Ganoderma boninense* Penyebab Penyakit Busuk Pangkal Batang Pada Kelapa Sawit. *Jurnal Biotek*, 8(2), 178-188.
- Chatri, M., Jumjunidang., Zahratul, A. (2022). Aktivitas Antifungi Ekstrak Daun *Melastoma Malabathricum* terhadap *Fusarium Oxysporum* dan *Sclerotium Rolfsii* secara InVitro. *Jurnal Agrotek Tropika*, 10(3): 395-401.
- Chung, P. C., Wu, H. Y., Wang, Y. W., Ariyawansa, H. A., Hu, H. P., Hung, T. H., ... & Chung, C. L. (2020). Diversity and pathogenicity of *Colletotrichum* species causing strawberry anthracnose in Taiwan and description of a new species, *Colletotrichum miaoliense* sp. nov. *Scientific Reports*, 10(1), 14664.

- Cordier, T., Robin, C., Capdevielle, X., Fabreguettes, O., Desprez-Loustau, M. L., & Vacher, C. (2012). The composition of phyllosphere fungal assemblages of European beech (*Fagus sylvatica*) varies significantly along an elevation gradient. *New Phytologist*, 196(2), 510-519.
- Damm, U., Cannon, P. F., Woudenberg, J. H. C., & Crous, P. W. (2012). The *Colletotrichum acutatum* species complex. *Studies in mycology*, 73, 37-113.
- Damm, U., Woudenberg, JHC, C. & Information, A. (2009). *Colletotrichum* species with curved conidia from herbaceous hosts. *Fungal Diversity*, (1802), pp. 45–87.
- De Mandal, S., & Jeon, J. (2023). Phyllosphere microbiome in plant health and disease. *Plants*, 12(19), 3481.
- De Silva, D. D., Groenewald, J. Z., Crous, P. W., Ades, P. K., Nasruddin, A., Mongkolporn, O., & Taylor, P. W. (2019). Identification, prevalence and pathogenicity of *Colletotrichum* species causing anthracnose of *Capsicum annuum* in Asia. *IMA fungus*, 10, 1-32.
- De Silva, D.D., Ades, P.K., Crous, P.W., Taylor, P.W.J., (2016). *Colletotrichum* species associated with chili anthracnose in Australia. *Plant Pathol.* 66, 254-267.
- Efri, M., Suryanto, D., & Supriyadi, E. (2010). Antagonisme jamur *Trichoderma* sp. terhadap *Phytophthora capsici* pada tanaman jagung. *Jurnal Proteksi Tanaman*, 17(2), 85–90.
- Esser, D. S., Leveau, J. H., Meyer, K. M., & Wiegand, K. (2015). Spatial scales of interactions among bacteria and between bacteria and the leaf surface. *FEMS Microbiology Ecology*, 91(3), fiv034.
- Fardhani, D. M., Safitri, Y., Pradana, R., & Nugraheni, I. A. (2023). Uji antagonis *Trichoderma* spp. Terhadap *Colletotrichum* spp. penyebab penyakit antraknosa pada tanaman cabai rawit (*Capsicum frutescens*) Secara In Vitro. In *Prosiding Seminar Nasional Penelitian dan Pengabdian Kepada Masyarakat LPPM Universitas' Aisyiyah Yogyakarta* (Vol. 1, pp. 491-497).
- Febriyossa, A., & Rahayuningsih, N. (2021). Uji Daya Hambat Perasan Rimpang Jahe Putih, Kunyit dan Temulawak Terhadap Pertumbuhan Bakteri *Staphylococcus aureus*. *Jurnal Health Sains*, 2(1), 1-6.
- Gan, P., Ikeda, K., Irieda, H., Narusaka, M., O'Connell, R. J., Narusaka, Y., ... & Shirasu, K. (2013). Comparative genomic and transcriptomic analyses reveal the hemibiotrophic stage shift of *Colletotrichum* fungi. *New Phytologist*, 197(4), 1236-1249.
- Gautam, A. K. (2014). The genera *Colletotrichum*: an incitant of numerous new plant diseases in India. *Journal on New Biological Reports*, 3(1), 9–21.

- Guerreiro, M. A., Brachmann, A., Begerow, D., & Peršoh, D. (2018). Transient leaf endophytes are the most active fungi in 1-year-old beech leaf litter. *Fungal diversity*, 89(1), 237-251
- Hafid, R. (2019). Pengetahuan Lokal tentang Pemanfaatan Tanaman Obat pada Masyarakat Tolaki di Kabupaten Konawe Sulawesi Tenggara.. Pangadereng: *Jurnal Hasil Penelitian Ilmu Sosial dan Humaniora*, 5(1), 46-63.
- Hakim, E. H., Syah, Y. M., Juliawati, L. D., & Mujahidin, D. (2009). Aktifitas antioksidan dan inhibitor tirosinase beberapa stilbenoid dari tumbuhan Moraceae dan Dipterocarpaceae yang potensial untuk bahan kosmetik. *Jurnal Matematika & Sains*, 13(2), 33-42.
- Halwiyah, N., Raharjo, B., & Purwantisari, S. (2019). Uji antagonisme jamur patogen *Fusarium solani* penyebab penyakit layu pada tanaman cabai dengan menggunakan *Beauveria bassiana* secara in vitro. *Jurnal Akademika Biologi*, 8(2), 8-17.
- Hyde, K. D., Nilsson, R. H., Alias, S. A., Ariyawansa, H. A., Blair, J. E., Cai, L., ... & Zhou, N. (2014). One stop shop: backbones trees for important phytopathogenic genera: I (2014). *Fungal Diversity*, 67, 21-125.
- Ibrahim, I. K., Ahmed, A. M., & Hussein, H. M. (2021). Antagonistic potential of phyllospheric fungi against *Aspergillus flavus* to control aflatoxin contamination in maize. *Journal of Fungal Biology*, 45(3), 233-241.
- Inácio, M. L., Henriques, J., & Sousa, E. (2010). Mycobiota associated with *Platypus cylindrus* Fab.(Coleoptera: Platypodidae) on cork oak in Portugal. *IOBC/wprs Bulletin*, 57, 87-95.
- Iqbal, A. (2008). Biologi Dasar. Jakarta. Dunia Ilmu
- Izzuddin Dan Azrianingsih. (2015). Inventarisasi Tumbuhan Obat Di Kampung Adat Urung, Desa Urung, Kecamatan Sukajaya, Kabupaten Bogor. *EJurnal*. VOL.3 N0. 1: 1 April 2015.
- Jayawardana H.A.R.K, Weerahewa, H. L. D. & Saparamadu M.D.J.S. (2015). Enhanced resistance to anthracnose disease in chili pepper (*Capsicum annuum* L) by amendment of the nutrient solution with silicon. *Journal of Horticultural Science & Biotechnology*, 90(5), pp. 557–562
- Kamel, S., Farag, F., Arafa, R., & Essa, T. (2020). Bio-Control Potentials of *Trichoderma* spp. Against *Sclerotium rolfsii* the Causative of Root and Crown Rot in Tomato, Common Bean and Cabbage. *Egyptian Journal of Phytopathology*, 48(1), 122–136.
- Karim, A., Rahmiati., Fauziah, I. (2020). Isolasi dan Uji Antagonis *Trichoderma* terhadap Secara In Vitro. *Jurnal Biosains*, 6(1):18-22.

- Kaunang, R. A., Assa, B. H., & Montong, V. B. (2018). Uji Antagonisme *Trichoderma* spp. Terhadap *Phytophthora Palmivora* Penyebab Penyakit Gugur Buah Kelapa. In *Cocos* (Vol. 10, No. 1).
- Kembel, S. W., & Mueller, R. C. (2014). Plant traits and taxonomy drive host associations in tropical phyllosphere fungal communities. *Botany*, 92(4), 303-311.
- Kidd, S., Halliday, C., Alexiou, H., & Ellis, D. (2016). Descriptions of medical fungi. (3 rd edition). Adelaide, Australia.
- Köhl, J., Kolnaar, R., & Ravensberg, W. J. (2019). Mode of action of microbial biological control agents against plant diseases: relevance beyond efficacy. *Frontiers in plant science*, 10, 845.
- Kumari, P. (2017). Anthracnose of Mango Incited by *Colletotrichum gloeosporioides* : A Comprehensive Review. *International Journal of Pure & Applied Bioscience*, 5(1), 48–56.
- Lestari, T. P., Tahlib, F. A., Sukweenadhi, J., Kartini, K., & Avanti, C. (2019). Physical characteristic and antibacterial activity of silver nanoparticles from green synthesis using ethanol extracts of *Phaleria macrocarpa* (Scheff.) Boerl leaves. *Majalah Obat Tradisional (Traditional Medicine Journal)*, 24(1), 16-21.
- Machenahalli, S., Nargund, V. B. & Patil, S. (2014). Quick Detection and Diagnosis of Chilli Fruit Rot Pathogens. *International Journal of Plant Research*, 27(3), pp. 1–5.
- Malangngi, L. P., Meiske, S. S., Jessy J. E. P. (2012). Penentuan Kandungan Tanin dan Uji Aktivitas Antioksidan Ekstrak Biji Buah Alpukat (*Persea americana* Mill.). *Jurnal Mipa Unsrat Online*, 1(1): 5-10
- Marin-Felix, Y., Groenewald, J. Z., Cai, L., Chen, Q., Marincowitz, S., Barnes, I & Crous, P. W. (2017). Genera of phytopathogenic fungi: GOPHY 1. *Studies in mycology*, 86, 99-216.
- Mayasari, D. A., Sastrahidayat, I. R., & Djauhari, S. (2022). Eksplorasi Jamur Filoplane Pada Daun Tanaman Pedang-Pedangan (*Sansevieria Trifasciata*) Dan Uji Kemampuan Antagonismenya Terhadap Penyakit Antraknosa (*Colletotrichum Sansevieriae*). *Jurnal Hama Dan Penyakit Tumbuhan*, 10(3), 141–147.
- Meletiadis, J, Meis, JFGM, Mouton, JW & Verweij, PE. (2001). Analysis of Growth Characteristics of Filamentous Fungi in Different Nutrient Media. *Journal of Clinical Microbiology*. 39(2)
- Moore, D., Robson, G. D., & Trinci, A. P. J. (2020). 21st Century Guidebook to Fungi. 21st Century Guidebook to Fungi, June.
- Müller, T., & Ruppel, S. (2014). Progress in cultivation-independent phyllosphere microbiology. *FEMS microbiology ecology*, 87(1), 2-17.

- Muslim, A. (2019). Pengendalian Hayati Patogen Tanaman Dengan Mikroorganisme Antagonis. Unsri Press.
- Mustapha, N. M., Mahmood, N. Z. N., Ali, N. A. M., & Haron, N. (2017). Khazanah perubatan Melayu: Tumbuhan ubatan jilid 2. *Forest Research Institute Malaysia (FRIM), Malaysia*.
- Mutiah, R. (2015). Evidence Based Kurkumin dari Tanaman Kunyit (*Curcuma longa*) sebagai Terapi Kanker. *Jurnal Farma Sains*, 1(1), 28–41.
- Mutiara Dl. (2014). Pengaruh Lama Fermentasi dan Konsentrasi Ekstrak Daun Jambu Biji (*Psidium guajava* Linn) Terhadap Aktivitas Antioksidan Kombucha [Skripsi]. Surakarta: Program Studi Pendidikan Biologi Fakultas Keguruan dan Ilmu Pendidikan Universitas Muhammadiyah Surakarta
- Nasanit, R., & Satyawut, K. (2015). Microbiological study during coffee fermentation of *Coffea arabica* var. *chiangmai 80* in Thailand. *Agriculture and Natural Resources*, 49(1), 32-41.
- Natawijaya, D, Saepudin, Adam & Pangesti, D. (2015). Uji Kecepatan Pertumbuhan Jamur *Rhizopus stolonifer* dan *Aspergillus niger* yang diinokulasikan pada Beberapa Jenis Buah Lokal. *Jurnal Siliwangi*. 1(1).
- O'Connell, R. J., Thon, M. R., Hacquard, S., Amyotte, S. G., Kleemann, J., Torres, M. F., ... & Vaillancourt, L. J. (2012). Lifestyle transitions in plant pathogenic *Colletotrichum* fungi deciphered by genome and transcriptome analyses. *Nature genetics*, 44(9), 1060-1065.
- Pangemanan, A., & Budiarmo, F. (2016). Uji daya hambat ekstrak rimpang kunyit (*Curcuma longa*) terhadap pertumbuhan bakteri *Staphylococcus aureus* dan *Pseudomonas* sp. *eBiomedik*, 4(1).
- Panjaitan, D., Wardhana, V. W., & Febiolasari, S. D. (2022). Keanekaragaman Jamur Makroskopis di Kawasan Hutan Universitas Palangka Raya Kalimantan Tengah. *Jurnal Kajian Ilmiah*, 22(2), 153-162.
- Paramita, S. (2016). Tahongai (*Kleinhovia hospita* L.): Review sebuah tumbuhan obat dari Kalimantan Timur. *Indonesian Journal of Plant Medicine*, 9(1), 29-36.
- Parengkuan, H., Wowor, V. N., & Pangemanan, D. H. (2020). Uji Daya Hambat Ekstrak Bunga Kembang Sepatu (*Hibiscus rosa-sinensis* L.) terhadap Pertumbuhan Bakteri *Streptococcus mutans*. *e-GiGi*, 8(1).
- Pasaribu, E. L. P., Sastrahidayat, I. R., & Muhibuddin, A. (2017). Eksplorasi jamur filoplane pada tanaman seledri (*Apium graveolens*) dan uji kemampuan antagonisnya terhadap penyakit antraknosa (*Colletotrichum* sp.). *Jurnal Hama dan Penyakit Tumbuhan*, 4(1): 1-7.
- Patty, J., & Uruilal, C. (2021). Trichoderma Indigenous Maluku: Karakteristik morfologi dan antagonismenya terhadap patogen tanaman. *Journal of Tropical*

- Phoulivong, S., McKenzie, E. H. C., & Hyde, K. D. (2012). Cross infection of *Colletotrichum* species; a case study with tropical fruits. *Current Research in Environmental & Applied Mycology*, 2(2), 99-111.
- Pieterse, C. M. J., Zamioudis, C., Berendsen, R. L., Weller, D. M., Van Wees, S. C. M., & Bakker, P. A. H. M. (2016). Induced systemic resistance by beneficial microbes. *Annual Review of Phytopathology*, 54, 347–375.
- Prihatiningsih, N., Djatmiko, H. A., & Erminawati, E. (2020). Komponen epidemi penyakit antraknosa pada tanaman cabai di kecamatan baturaden kabupaten Banyumas. *Jurnal Agro*, 7(2), 203-212.
- Putra, IP. (2021). Panduan karakterisasi jamur makroskopik di Indonesia: Bagian 1 – Deskripsi ciri makroskopis. *Jurnal Penelitian Kehutanan Wallacea*, 10(1), 25–37.
- Sari, Rahayu, A. (2016). Identifikasi *Colletotrichum* spp. pada tanaman cabai merah (*Capsicum annuum* L.). *Jurnal Metamorfosa*, 3(1), 23-30.
- Risdianto H., Setiadi, T., Suhardi, S.H., Niloperbowo, W. (2007). Pemilihan Spesies Jamur dan Media Imobilisasi Untuk Produksi Ezim Ligninolitik. *Prosiding Seminar Nasional Rekayasa Kimia dan Proses*. Bandung. Vol.1 (6): 132-135
- Sadler, C., Schroll, B., Zeisler, V., Waßmann, F., Franke, R., & Schreiber, L. (2016). Wax and cutin mutants of *Arabidopsis*: quantitative characterization of the cuticular transport barrier in relation to chemical composition. *Biochimica et Biophysica Acta (BBA)-Molecular and Cell Biology of Lipids*, 1861(9), 1336-1344.
- Sangdee, A., Sachan, S. & Khankhum, S. (2011). Morphological, pathological and molecular variability of *Colletotrichum capsici* causing anthracnose of chilli in the North-east of Thailand. *African Journal of Microbiology Research*, 5(25), pp. 4368–4372.doi:10.5897/AJMR11.476.
- Fatiha, Santosa, E., & Permadi, A. (2016). Eksplorasi potensi flora lokal Indonesia: Tinjauan terhadap *Morus macroura* sebagai flora maskot Sumatera Barat. *Jurnal Kehutanan Indonesia*, 12(3), 112-121.
- Sari, W., & Setiawanto, E. (2015). Potensi Cendawan Rhizosfer Pisang Sebagai Agen Hayati Terhadap Cendawan *Fusarium oxysporum* f.sp cubense Penyebab Penyakit Layu pada Pisang. *Jurnal Agrosience*, 5(2): 37-42.
- Sasmi J, Mahdi N, Kamal S. (2017). Jenis Tanaman Yang Digunakan Untuk Obat Tradisional Di Kecamatan Kluet Selatan. *Jurnal Biotin*. 5(1):36-59
- Saxena, A., Raghuwanshi, R., Gupta, V. K., & Singh, H. B. (2016). Chilli anthracnose: the epidemiology and management. *Frontiers in microbiology*, 7, 1527.

- Seema, M., & Devaki, N. S. (2012). In vitro evaluation of biological control agents against *Rhizoctonia solani*. *International Journal of Plant & Soil Science* 17 (5):1-9.
- Setati, M. E., Jacobson, D., Andong, U. C., & Bauer, F. (2012). The vineyard yeast microbiome, a mixed model microbial map. *PLoS One*, 7(12), e52609.
- Shiraishi, K., Oku, M., Kawaguchi, K., Uchida, D., Yurimoto, H., & Sakai, Y. (2015). Yeast nitrogen utilization in the phyllosphere during plant lifespan under regulation of autophagy. *Scientific reports*, 5(1), 9719.
- Sivakumar, N., Sathishkumar, R., Selvakumar, G., Shyamkumar, R., & Arjunekumar, K. (2020). Phyllospheric microbiomes: diversity, ecological significance, and biotechnological applications. *Plant microbiomes for sustainable agriculture*, 113-172.
- Steenis Van, C. G. G. J. (2006). *Flora*. Jakarta: Pradnya Paramita
- Suárez, B., Palacios, A., Rey, M., Monte, E., & Llobell, A. (2020). *Trichoderma asperellum* sebagai hiperparasit *Sclerotinia sclerotiorum*: Kerusakan pada struktur hifa dan pengurangan infeksi. *Jurnal Patologi Tanaman*, 102 (1), 1-10
- Sulaiman, A., Rianto, F., & Sarbino, S. (2021). Potensi Isolat Kamir Filosfer Buah Cabai sebagai Antagonis Terhadap Patogen Antraknosa. *Paspalum: Jurnal Ilmiah Pertanian*, 9(1), 16-24.
- Suryadi, Y., Hidayat, I., & Herlina, N. (2021). Uji Daya Antagonis *Trichoderma sp.* terhadap *Fusarium oxysporum* pada Media PDA. *Jurnal Fitopatologi Indonesia*, 17 (1), hal.35–42.
- Syafitri, F. I. (2021). Isolasi Dan Seleksi Jamur Filosfer Pada Padi (*Oryza Sativa L. cv. Hawang*) Organik Dan Anorganik Yang Berpotensi Sebagai Agen Hayati (Doctoral dissertation, UNIMED).
- Tatik FH, Lahmudin L & Hasanuddin. (2013). 'Efek Temperatur Terhadap Virulensi Jamur *Colletotrichum gloeosporioides* Penz. Sacc. Penyebab Penyakit Antraknosa pada Tanaman Kakao (*Theobroma cacao L.*)', *Jurnal Online Agroteknologi*, vol. 2, no. 1, hal. 411 -420
- Than, P. P., Prihastuti, H. & Phoulivong, S. (2008). Chilli anthracnose disease caused by *Colletotrichum* species. *Journal of Zheijiang University SCIENCE B*, 9(10), pp. 764–778.
- Tkacz, A., Bestion, E., Bo, Z., Hortala, M., & Poole, P. S. (2020). Influence of plant fraction, soil, and plant species on microbiota: a multikingdom comparison. *MBio*, 11(1), 10-1128.
- Tuju, M. J. (2004). Test of Antagonism of *Trichoderma* spp. to *Ralstonia solanacearum* Cause of Wilt Bacteria Disease in Potato Plant. *Eugenia* 10(2): 143-155.

- Udayanga, D., Manamgoda, D. S., Liu, X., Chukeatirote, E., & Hyde, K. D. (2013). What are the common anthracnose pathogens of tropical fruits?. *Fungal Diversity*, 61, 165-179.
- Vorholt, J. A. (2012). Microbial life in the phyllosphere. *Nature reviews microbiology*, 10(12), 828-840.
- Wakhidah, D., & Sari, R. (2021). Identifikasi jamur *Colletotrichum* sp. pada tanaman cabai merah (*Capsicum annuum* L.). *Konservasi Hayati*, 17(2), 63-68.
- Wartono, W., Wawan, W., Susilowati, D. N., Sukamto, S., & Kosasih, J. (2024). *Colletotrichum* spp. Penyebab Penyakit Antraknosa Pada Tanaman Cabai Merah (*Capsicum annuum*) di Ciapus, Bogor, Jawa Barat. *Al-Kauniyah: Jurnal Biologi*, 17(1), 81-90.
- Watanabe, T. (2002). Pictorial Atlas Of Soil And Seed Fungi Morphologies Of Cultured Fungi And Key To Species (2nd Ed.). Crc Press Llc U.S.A.
- Welideniya, W. A. Rienzie K.D.R.C., Wickramaarachchi W.A.R.T, & Aruggoda A.G.B. (2019). Characterization of fungal pathogens causing anthracnose in capsicum pepper (*Capsicum annuum* L.) and their seed borne nature. *Ceylon Journal of Science*, 48(3), pp. 261–269.
- Widiyanti, A., Patty, J., & Tuhumury, GN. (2022). Eksplorasi Dan Identifikasi Jamur Antagonis Pada Rizosfer Tanaman Cengkih (*Syzygium aromaticum* L.) di Pulau Ambon.
- Wijaya, T. A., S. Djauhari, A. Cholil. (2014). Keanekaragaman Jamur Filoplan Tanaman Kangkung Darat (*Ipomoea reptans* Poir.) pada Lahan Pertanian Organik dan Konvensional. Fakultas Pertanian, Universitas Brawijaya. Malang. *Jurnal HPT* 2(1): 29-36.
- Xu, N., Zhao, Q., Zhang, Z., Zhang, Q., Wang, Y., Qin, G., Ke, M., Qiu, D., Peijnenburg, WJGM, Lu, T., & Qian, H (2022). Phyllosphere microorganisms: sources, drivers, and their interactions with plant hosts. *Journal of agricultural and food chemistry*, 70(16), 4860-4870.
- Yao, H., Sun, X., He, C., Maitra, P., Li, X. C., & Guo, L. D. (2019). Phyllosphere epiphytic and endophytic fungal community and network structures differ in a tropical mangrove ecosystem. *Microbiome*, 7, 1-15.
- Yaron, S., & Römling, U. (2014). Biofilm formation by enteric pathogens and its role in plant colonization and persistence. *Microbial biotechnology*, 7(6), 496-516.
- Yu, X., Lund, SP, Scott, RA, Greenwald, JW, Records, AH, Nettleton, D., Lindow, SE, Gross, DC, & Beattie, GA. (2013). Transcriptional responses of *Pseudomonas syringae* to growth in epiphytic versus apoplastic leaf sites. *Proceedings of the National Academy of Sciences*, 110(5), E425-E434.

- Yulianti. (2006). Pengaruh ph terhadap pertumbuhan jamur *Colletotrichum capsici* penyebab penyakit antraknosa pada cabai (*Capsicum annum* L.) asal Lampung. *Skripsi*. Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Semarang, Semarang.
- Yulianto, E. (2014). Evaluasi potensi beberapa jamur agen antagonis dalam menghambat patogen *Fusarium* sp. pada tanaman jagung (*Zea mays* L.). *Bengkulu (ID): Universitas Bengkulu*.
- Živković, S., Stojanović, S., Ivanović, Ž., Gavrilović, V., Popović, T., & Balaž, J. (2010). Serbian Source *Colletotrichum acutatum* *Colletotrichum gloeosporioides*. *Archives of Biological Sciences*, 62(3), 611–623.
- Zulkurnain, E. I., Ramli, S., Ali, A. A., James, R. J., Kamarazaman, I. S., & Halim, H. (2023). The Phytochemical and Pharmacological Effects of *Hibiscus rosa-sinensis*: A Review. *International Journal of Pharmaceutical Investigation*, 13(3).

