

DAFTAR PUSTAKA

- Abastabar, M., Rezaei-Matehkolaie, A., Shidfar, M.R., Kordbacheh, P., Mohammadi, R., Shokoohi T, et al. (2013). A molecular epidemiological survey of clinically important dermatophytes in Iran based on specific RFLP profiles of beta-tubulin gene. *Iran J Public Health*, 42, 1049-57. PMID: 26060667.
- Achtermann, R. R., Smith, A. R., Oliver, B. G., & White, T. C. (2011). Sequenced dermatophyte strains: growth rate, conidiation, drug susceptibilities, and virulence in an invertebrate model. *Fungal genetics and biology : FG & B*, 48(3), 335–341. <https://doi.org/10.1016/j.fgb.2010.11.010>
- Adzima, V., Jamin, F., & Abrar, D. M. (2013). Isolation and Identification of Canine Dermatophytosis Mold in Syiah Kuala Banda Aceh. *Jurnal Medika Veterinaria*, 7(1), 2007–2009.
- Afifi, L. N., Rukmi, M. I., & Pujiyanto, S. (2017). Uji Antagonis Kapang Endofit Duwet (*Syzygium cumini* (L.) Skeels) Terhadap Kapang *Fusarium Oxysporum* Penyebab Penyakit Moler Pada Bawang Merah (*Allium ascalonicum* L.) Secara In-Vitro. *Jurnal Akademika Biologi*, 6(1), 79-87.
- Afriani, N., Yusmarini, & Pato, U. (2017). Aktivitas antimikroba *Lactobacillus plantarum* 1 yang diisolasi dari industri pengolahan pati sagu terhadap bakteri patogen *Escherichia coli* FNCC-19 dan *Staphylococcus aureus* FNCC-15. *JOM Faperta*, 4(2), 1–12.
- Agrijanti, & Kusumadewi, L. B. (2015). Uji Potensi Ubi Jalar Varietas Sukuh (*Ipomea Batatas*. L) Sebagai Media Pertumbuhan Fungi Dermatofita. *Jurnal Analis Medika Biosains (JAMBS)*, 2(1), 45-52. <https://doi.org/10.32807/jambs.v2i1.33>
- 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 Cabai. *Seminar Nasional XII Pendidikan Biologi FKIP UNS*, 11035, 892-897.
- Akbar, M., N. Sherazi, I., Khalil, T., S. Iqbal, M., Akhtar, S., & N. Khan, S. (2020). Identification of antifungal compounds from slender amaranth. *Planta Daninha*, 38, 1-8. <https://doi.org/10.1590/S0100-83582020380100063>
- Alim, M. A., Zaman, N. R., & Hossain, M. N. (2023). Investigation of Phytochemical Properties of The Methanolic Extract of *Rosenvingea* Spp. Found In The North-Eastern Region of The Bay of Bengal. *Bioresearch Communications*, 9 (1), 1252-1262. <https://doi.org/10.3329/brc.v9i1.63606>
- Amri, I. A., Pradikta, R. A., Murwani, S., & Qosimah, D. (2018). Virgin Coconut And Fish Oil (VCFO) for Treatment of Fungal Cat Infection In Malang.

Proceedings of the 1st International Conference in One Health (ICOH 2017).
<https://doi.org/10.2991/icoh-17.2018.58>

- Anggaono, D. A. (2012). *Perlindungan Hukum Bagi Konsumen Atas Wanprestasi Pelaku Usaha Pada Jual Beli Kucing Persia Secara Online (Studi Di "ABC" Cat Shop Kota Malang)*. [Skripsi]. Universitas Brawijaya. <http://repository.ub.ac.id/id/eprint/111319/>
- Apriliana, D., Widayat, W., & Rusli, R. (2016). Isolasi Jamur Endofit Rimpang Temu Kunci (*Boesenbergia Pandurata*) Dan Uji Aktivitas Antioksidan. *Proceeding of Mulawarman Pharmaceuticals Conferences, 2003*, 20–21. <https://doi.org/10.25026/mpc.v4i1.163>
- Asrul, Rosmini, Rista, A., Astuti, I. D., Yulianto, A. (2021). Karakterisasi Jamur Penyebab Penyakit Busuk Pangkal Batang (*Basal Rot*) pada Bawang Wakegi (*Allium x wakegi Araki*). *Agro Bali: Agricultural Journal*, 4 (3), 341-350.
- Astuti, D. P., Husni, P., & Hartono, K. (2017). Formulasi dan Uji Stabilitas Fisik Sediaan Gel Antiseptik Tangan Minyak Atsiri Bunga Lavender (*Lavandula angustifolia* Miller). *Farmaka*, 15(1), 176–184. <https://doi.org/10.24198/jf.v15i1.13252>
- Atun, S., & Handayani, S. (2017). *Fitokimia Tumbuhan Temukunci (Boesenbergia Rotunda): Isolasi, Identifikasi Struktur, Aktivitas Biologi, dan Sintesis Produk Nanopartikelnya*. Penerbit K-Media.
- Avis, T. J. & Bélanger, R. R. (2001). Pecificity and mode of action of the antifungal fatty acid cis-9-heptadecenoic acid produced by *Pseudozyma flocculosa*. *Applied and Environmental Microbiology*, 67, 956-960.
- Azizah, H. N. (2015). *Analisis Pertumbuhan Trichophyton rubrum Pada Media Sabouraud Dextrose Agar Menggunakan Kedelai (Glycine max L. Merr) Sebagai Sumber Pepton*. Politeknik Kesehatan Bandung.
- Baldo, A., Tabart, J., Vermout, S., Mathy, A., Collard, A., Losson, B., & Mignon, B. (2008). Secreted subtilisins of *Microsporum canis* are involved in adherence of arthroconidia to feline corneocytes. *Journal of medical microbiology*, 57(Pt 9), 1152–1156. <https://doi.org/10.1099/jmm.0.47827-0>
- Baldo, A. Monod, M. Mathy, A., Cambier, L., Bagut E. T., Defaweux V., Symoens F., Antoine, N., Mignon, B. (2011). Mechanisms of skin adherence and invasion by dermatophytes. *Mycoses*, 55 (3), 218-223. <https://doi.org/10.1111/j.14390507.2011.02081.x>
- Barrow, J.R., & Aaltonen, R. E. (2001). Evaluation of the internal colonization of *Atriplex canescens* (Pursh) Nutt. roots by dark septate fungi and the influence of host physiological activity. *Mycorrhiza* 11: 199–205.
- Booq, R. Y., Alshehri, A. A., Almughem, F. A., Zaidan, N. M., Aburayan, W. S., Bakr, A. A., Kabli, S. H., Alshaya, H. A., Alsuabeyl, M. S., Alyamani, E. J.,

- & Tawfik, E. A. (2021). Formulation and Evaluation of Alcohol-Free Hand Sanitizer Gels to Prevent the Spread of Infections during Pandemics. *International journal of environmental research and public health*, 18(12), 6252. <https://doi.org/10.3390/ijerph18126252>
- Boukaew, S., Petlamul, W., Bunkrongcheap, R., Chookaew, T., Kabbua, T., Thippated, A. and Prasertsan, P. (2018) Fumigant activity of volatile compounds of *Streptomyces philanthi* RM-1-138 and pure chemicals (acetophenone and phenylethyl alcohol) against anthracnose pathogen in postharvest chili fruit. *Crop Prot* 103, 1-8.
- Brader, G., Compant, S., Vescio, K., Mitter, B., Trognitz, F., Ma, L. J., & Sessitsch, A. (2017). Ecology and Genomic Insights into Plant-Pathogenic and Plant-Nonpathogenic Endophytes. *Annual Review of Phytopathology*, 55, 61–83. <https://doi.org/10.1146/annurev-phyto-080516-035641>
- Brickner, I., (2003). *The impact of domestic cat (Felis catus) on wildlife welfare and conservation: a literature review*. Israel: Comitee Gegen den Vogelmord.
- Bulut, M., Zor, M. (2021). Swab Analysis, Its Importance and Application in Personnel Hygiene and Business Sanitation Monitoring. *Journal of Agriculture*, 4(1), 57-66. <https://doi.org/10.46876/ja.839181>
- Cafarchia, C., Romito, D., Sasanelli, M., Lia, R., Capelli, G., & Otranto, D. (2004). The epidemiology of canine and feline dermatophytoses in southern Italy. *Mycoses*, 47(11–12), 508–513. <https://doi.org/10.1111/j.1439-0507.2004.01055.x>
- Cao, F., Yang, J. K., Liu, Y. F., Zhu, H. J., & Wang, C. Y. (2016). Pleosporalone A, The First Azaphilone Characterized With Aromatic A-ring From A Marine-Derived *Pleosporales* sp. fungus. *Natural Product Research*, 30(21), 2448–2452.
- Cappuccino, J.G. & Sherman N. (2014). *Manual Laboratorium Biologi*. Jakarta, Indonesia: EGC.
- Chah, K. F., Majiagbe, K. A., Kazeem, H. M., Ezeanyika, O., & Agbo, I. C. (2012). Dermatophytes from skin lesions of domestic animals in Nsukka, Enugu State, Nigeria. *Veterinary Dermatology*, 23(6), 1–4. <https://doi.org/10.1111/j.1365-3164.2012.01089.x>
- Chandel N. S. (2021). Carbohydrate Metabolism. *Cold Spring Harbor perspectives in biology*, 13(1), a040568. <https://doi.org/10.1101/cshperspect.a040568>
- Chaouachi M., Marzouk T., Jallouli S., Elkahoui S., Gentzbittel L., Ben C., et al.. 2021. Activity assessment of tomato endophytic bacteria bioactive compounds for the postharvest biocontrol of *Botrytis cinerea*. *Postharvest Biol. Technol.* 172:111389. <https://doi.org/10.1016/j.postharvbio.2020.111389>

- Chauhan, A., Goyal, M.K. and Chauhan, P. (2014) GCMS Technique and Its Analytical Application in Science and Technology. *Journal of Analytical and Bioanalytical Techniques*, 5, 222. <https://doi.org/10.4172/2155-9872.1000222>
- Chupia, V., Nisuwon, J. Piyarungsri, K., Sodarat C., Prachasilchai, W., Suriyasathaporn, W. Pikulkaew, S. (2022). Prevalence of Microsporum canis from Pet Cats in Small Animal Hospitals, Chiang Mai, Thailand. *Vet. Sci.*, 9(1), 21. <https://doi.org/10.3390/vetsci9010021>
- Ciesielska, A., Kawa, A., Kanarek, K., Soboń, A., & Szewczyk, R. (2021). Metabolomic analysis of Trichophyton rubrum and Microsporum canis during keratin degradation. *Scientific reports*, 11(1), 3959. <https://doi.org/10.1038/s41598-021-83632-z>
- Clark, C. R., DeRuiter, J., & Noggle, F. T. (1992). GC-MS identification of amine-solvent condensation products formed during analysis of drugs of abuse. *Journal of chromatographic science*, 30(10), 399–404. <https://doi.org/10.1093/chromsci/30.10.399>
- Conde, E., Moure, A., Domínguez, H. & Parajó, J.C. (2008). Fractionation of antioxidant from autohydrolysis of barley husk. *Journal Agricultur Food Chemistry*, 56, 10651-10659. <https://doi.org/10.1021/jf801710a>.
- Darmapatni, K. A. G. (2016). Pengembangan Metode GC-MS untuk Penetapan Kadar Acetaminophen pada Spesimen Rambut Manusia. *Jurnal Biosains Pascasarjana*, 18(3), 255. <https://doi.org/10.20473/jbp.v18i3.2016.255-266>
- dataSpring. (2023). [Infographic] *The Growing Pet Industry: Insights from India, Thailand, Indonesia, and China - Eye on Asia*. Diakses pada 22 Juli 2024, dari <https://www.d8aspring.com/eye-on-asia/infographic-the-growing-pet-industry-insights-from-india-thailand-indonesia-and-china>.
- de Hoog, G. S., Dukik, K., Monod, M., Packeu, A., Stubbe, D., Hendrickx, M., Kupsch, C., Stielow, J. B., Freeke, J., Göker, M., Rezaei-Matehkolaie, A., Mirhendi, H., & Gräser, Y. (2017). Toward a Novel Multilocus Phylogenetic Taxonomy for the Dermatophytes. *Mycopathologia*, 182(1-2), 5–31. <https://doi.org/10.1007/s11046-016-0073-9>
- Dennis-Bryan, K., Baggaley, A., Goddard, J., & Horobin, W. (2021). *The Complete Cat Breed Book*. DK Publishing.
- Devi, N.N. rabakaran, J.J. and Wahab, F. (2012). Phytochemical analysis and enzyme analysis of endophytic fungi from *Centella asiatica*. *Asian Pacific Journal Tropical Biomedicine*, 2, S1280-S1284. [https://doi.org/10.1016/S2221-1691\(12\)60400-6](https://doi.org/10.1016/S2221-1691(12)60400-6)
- Devi, T. S., Vijay, K., Vidhyavathi, R. M., Kumar, P., Govarthanan, M., & Kavitha, T. (2021). Antifungal activity and molecular docking of phenol, 2,4-bis(1,1-dimethylethyl) produced by plant growth-promoting actinobacterium

- Kutzneria* sp. strain TSII from mangrove sediments. *Archives of microbiology*, 203(7), 4051–4064. <https://doi.org/10.1007/s00203-021-02397-1>
- Dharmayanti, N. L. (2011). Filogenetika Molekular: Metode Taksonomi Organisme Berdasarkan Sejarah Evolusi. *Wartazoa*, 21(1), 1-10.
- Dinesh, K.G., Karthik, M. & Rajakumar, R., (2018). GC-MS analysis of bioactive compounds from ethanolic leaves extract of *Eichhornia crassipes* (Mart) Solms. and their pharmacological activities. *The Pharma Innovation Journal*, vol. 7, no. 8, pp. 459-462.
- Djide, M. N., & Sartini. (2008). *Dasar-Dasar Mikrobiologi Farmasi*. Makassar, Lembaga Penerbit UNHAS.
- Endrawati, D., Pribadi, E. S., Indrawati, A., & Kusumaningtyas, E. (2021). Penggunaan Teknik Molekuler untuk Mengenali Dermatofita yang Diisolasi dari Hewan Kesayangan di Jakarta dan Bogor. *Jurnal Veteriner*, 22(1), 56-67. <https://doi.org/10.19087/jveteriner.2021.22.1.56>
- Eng-Chong, T., Yean-Kee, L., Chin-Fei, C., et al. (2012). Boesenbergia rotunda: From ethnomedicine to drug discovery. *Evidence-Based Complementary and Alternative Medicine*, 2012 (November). <https://doi.org/10.1155/2012/473637>
- Ermawati, Y. (2013). Penggunaan Ketokonazol Pada Pasien Tinea Corporis. *Medula*, 1(3), 82-91.
- Fafal, T., Yilmaz, F.F., Birincioğlu, S.S., HoşgörLimoncu, M., & Kivçak, B. (2016). Fatty acid composition and antimicrobial activity of Asphodelus aestivus seeds. *Human and Veterinary Medicine*, 8(2): 103-107.
- Farmer, E. E. (1994). Fatty acid signalling in plants and their associated microorganisms. *J. Plant Mol. Bio*, 26, 1423-1437. <https://doi.org/10.1007/bf00016483>
- Forestryana, D., Surur Fahmi, M., & Novyra Putri, A. (2020). Pengaruh Jenis dan Konsentrasi Gelling Agent pada Karakteristik Formula Gel Antiseptik Ekstrak Etanol 70% Kulit Buah Pisang Ambon. *Lumbung Farmasi: Jurnal Ilmu Kefarmasian*, 1(2), 45. <https://doi.org/10.31764/lf.v1i2.2303>
- Frymus, T., Gruffydd-Jones, T., Pennisi, M. G., et al. (2013). Dermatophytosis in cats: ABCD guidelines on prevention and management. *Journal of feline medicine and surgery*, 15(7), 598–604. <https://doi.org/10.1177/1098612X13489222>
- Gandjar, I. G., & Rohman, A. (2009). *Kimia Farmasi Analisis*. Pustaka Pelajar.
- Gautam, V., Kohli, S. K., Arora, S., Bhardwaj, R., Kazi, M., Ahmad, A., Raish, M., Ganaie, M. A., & Ahmad, P. (2018). Antioxidant and Antimutagenic Activities of Different Fractions from the Leaves of *Rhododendron arboreum*

- Sm. and Their GC-MS Profiling. *Molecules (Basel, Switzerland)*, 23(9), 2239. <https://doi.org/10.3390/molecules23092239>
- Golin, A. P., Choi, D., & Ghahary, A. (2020). Hand sanitizers: A review of ingredients, mechanisms of action, modes of delivery, and efficacy against coronaviruses. *American Journal of Infection Control*, 48(9), 1062–1067. <https://doi.org/10.1016/j.ajic.2020.06.182>
- Gonzalez, J.M., & Aranda B. (2023). Microbial Growth under Limiting Conditions-Future Perspectives. *Microorganisms*, 11 (7):1641. <https://doi.org/10.3390/microorganisms11071641>
- Grunig, C. R., Queloz, V., & Sieber, T. N. (2011). Dark Septate Endophytes and Mycorrhizal. *Endophytes of Forest Trees: Biology and Applications*, (June 2014), 189–201. <https://doi.org/10.1007/978-94-007-1599-8>
- Gupta, S., Chaturvedi, P., Kulkarni, M. G., & Van Staden, J. (2020). A critical review on exploiting the pharmaceutical potential of plant endophytic fungi. *Biotechnology Advances*, 39, 107462. <https://doi.org/10.1016/j.biotechadv.2019.107462>
- Handayani, D. (2017). Karakteristik Cendawan Dark Septate Endophyte (Dse) Pada Akar Tanaman Jagung dan Padi. *Eksakta*, 18(1), 61-68. E-ISSN : 2549-7464
- Hazli, U.H.A.M., Abdul-Aziz, A., Mat-Junit, Chee, C.F. & Kong, K.W. (2019). Solid-liquid extraction of bioactive compounds with potential from *Alternanthera sessilis* (red) and identification of the polyphenol using UHPLC-QqQ-MS/MS. *Food Research International*, 115, 241-250. <https://doi.org/10.1016/j.foodres.2018.08.094>
- Heliawati, L. (2018). *Kimia Organik Bahan Alam*. Pascasarjana-UNPAK: Bogor.
- Hernández-Hernández, F., Manzano-Gayosso, P., Córdova-Martínez, E., Méndez-Tovar, L. J., López-Martínez, R., García de Acevedo, B., Orozco-Topete, R., & Cerbón, M. A. (2007). Morphological varieties of *Trichophyton rubrum* clinical isolates. *Revista Mexicana de Micología*, (25), 9-14.
- Hibbett, D. S., et al. (2007). A higher-level phylogenetic classification of the Fungi. *Mycological research*, 111(Pt 5), 509–547. <https://doi.org/10.1016/j.mycre.2007.03.004>
- Hnilica, K. A., & Medleau, L. (2002). Evaluation of topically applied enilconazole for the treatment of dermatophytosis in a Persian cattery. *Veterinary Dermatology*, 13(1), 23–28. <https://doi.org/10.1046/j.09594493.2001.00282.x>
- Hodgson, S., de Cates, C., Hodgson, J., Morley, N.J., Sutton, B.C., & Gange, A.C. (2014) Vertical transmission of fungal endophytes is widespread in forbs. *Ecol Evol* 4(8):1199–1208. <https://doi.org/10.1002/ece3.953>

- Hoffman, C. L., Thibault, M., & Hong, J. (2021). Characterizing Pet Acquisition and Retention During the COVID-19 Pandemic. *Frontiers in Veterinary Science*, 8 (November), 1–11. <https://doi.org/10.3389/fvets.2021.781403>
- Hotmian, E., Suoth, E., Fatimawali, F., & Tallei, T. (2021). Analisis Gc-Ms (Gas Chromatography - Mass Spectrometry) Ekstrak Metanol Dari Umbi Rumput Teki (*Cyperus rotundus* L.). *Pharmacon*, 10(2), 849. <https://doi.org/10.35799/pha.10.2021.34034>
- Huang, L. Q., Biu, Y. C., Su, L., Deng, H., & Lyu, H. (2020). The potential of endophytic fungi isolated from cucurbit plants for biocontrol of soilborne fungal disease of cucumber. *Microbiology Research*, 231, 126369. <https://doi.org/10.1016/j.micres.2019.126369>
- Huda, N., Imaningsih, W., & Hakim, S. S. (2019). Uji Antagonisme Kapang Endofit Tanaman Galam (*Melaleuca cajuputi*) terhadap *Colletotrichum truncatum*. *Jurnal Mikologi Indonesia*, 3(2), 59. <https://doi.org/10.46638/jmi.v3i2.62>
- Ilyas, M., Kanti, A., & Rahmansyah, M. (2007). *Teknik Preservasi Fungi*. LIPI Press.
- Izdihar, I. R. (2016). *Ragam Spesies Kapang yang Diisolasi dari Kucing (Felis catus) yang Didagnosa Dermatofitosis*. [Skripsi] Universitas Gajah Mada.
- Jakovljevic, V., Milicevic, J., & Stojanovic, J. (2014). Detergent-like stressor and nutrient in metabolism of *Penicillium chrysogenum*. *Biotechnology & Biotechnological Equipment*, 28, 43–51. <https://doi.org/10.1080/13102818.2014.901674>
- Jantan, I., Salleh, M., Yassin, M., Chin, C. B., Chen, L. L., Sim, N. L., Roxb, C., & Linn, K. (2003). Antifungal Activity of the Essential Oils of Nine Zingiberaceae Species. 41(5), 392–397. <https://doi.org/10.1076/phbi.41.5.392.15941>
- Jauhari, L.T. (2010). *Seleksi dan Identifikasi Kapang Endofit Penghasil Antimikroba Penghambat Pertumbuhan Mikroba Patogen*. [Skripsi]. UIN Syarif Hidayatullah Jakarta.
- Jha, P., Kaur, T., Chhabra, I., Panja, A., Paul, S., Kumar, V., & Malik, T. (2023). Endophytic fungi: hidden treasure chest of antimicrobial metabolites interrelationship of endophytes and metabolites. *Frontiers in microbiology*, 14, 1227830. <https://doi.org/10.3389/fmicb.2023.1227830>
- Jit, S., & Garg, N. (2015). Fermentation Process. Subject Zoology (Biotechnology). *Institute of Life Long Learning*. ISSN: 2349-145X
- Julianto, T. S. (2019). *Fitokimia Tinjauan Metabolit Sekunder dan Skrining Fitokimia*. Universitas Islam Indonesia: Jakarta.

- Jumpponen A, Trappe JM. (1998). Dark septate endophytes: a review of facultative biotrophic root colonizing fungi. *New Phytol*, 140, 295– 310.
- Juniantito, V., Harlina, E., Jumari, Handayani, V. E., & Ismawati, I. (2020). Pathology of cutaneous blastomycosis in a cat. *ARSHI Veterinary Letters*, 4(1), 3–4. <https://doi.org/10.29244/avl.4.1.3-4>
- Kanjana, M., Kanimozhi, G., Udayakumar, R., & Panneerselvam, A. (2019). GC-MS Analysis of Bioactive Compounds of Endophytic Fungi *Chaetomium globosum*, *Cladosporium tenuissimum* and *Penicillium janthinellum*. *Journal of Biomedical and Pharmaceutical Sciences*, 2(1), 1000123.
- Katoh, T., Sano, T., & Kagawa, S. (1990). Isolations of dermatophyte from clinically normal scalps in *M. canis* infections using the hairbrush method. *Mycopathologia*, 112(1), 23–25. <https://doi.org/10.1007/BF01795174>
- Kaur, G., & Sharma, S. (2018). Gas Chromatography – A Brief Review. *International Journal of Information and Computing Science*, 5(7), 125–131. ISSN NO: 0972-1347.
- Kaur D., & Singh, R. (2015). A novel approach: Transdermal gel. *International Journal of Pharma Research & Review*, 4(10), 41 – 50.
- Khiralla, A. (2015). *Phytochemical Study, Cytotoxic And Antibacterial Potentialities of Endophytic Fungi from Medicinal Plants from Sudan Afra Khiralla*. Université de Lorraine: Perancis.
- Khotimah, U. K., Arifuddin, M., Aryati, F., & Ahmad, I. (2023). Isolasi Fungi Endofit Batang Bajakah (*Uncaria nervosa* Elmer) dan Pengujian Toksisitas dengan Metode BSLT. *J. Sains Kes.*, 5(SE-1). 40-45. <https://doi.org/10.25026/jsk.v5iSE-1.2054>.
- Khurshid, S., Javaid, A., Shoaib, A., Javed, S., & Qaisar, U. (2018). Antifungal activity of aerial parts of *Cenchrus pennisetiformis* against *Fusarium oxysporum f. sp. Lycopersici*. *Planta Daninha*, 36, e018166627. <https://doi.org/10.1590/s0100-83582018360100023>
- Kjer, J., Debbab, A., Aly, A. H., & Proksch, P. (2010). Methods for isolation of marine-derived endophytic fungi and their bioactive secondary products. *Nature Protocols*, 5(3), 479–490. <https://doi.org/10.1038/nprot.2009.233>
- Kleinman, K. (2021). *Drug Dosages*: In *Harriet Lane Handbook* (Edisi 22, pp. 665–1076). Elsevier.
- Koljalg, U., et. al. (2013). Towards a unified paradigm for sequence-based identification of fungi. *Molecular ecology*, 22(21), 5271-5277. <https://doi.org/10.1111/mec.12481>
- Kumala, S. (2014). *Mikroba Endofit*. ISFI Penerbitan.

- Kumari, S., Kumari, S., Attri, C., Sharma, R., Kulshreshtha, S., Benali, T., Bouyahya, A., Gürer, E. S., & Sharifi-Rad, J. (2022). GC-MS Analysis, Antioxidant and Antifungal Studies of Different Extracts of *Chaetomium globosum* Isolated from *Urginea indica*. *BioMed research international*, 2022, 1388850. <https://doi.org/10.1155/2022/1388850>
- Kumari, P., Deepa, N., Trivedi, P. K., Singh, B. K., Srivastava, V., & Singh, A. (2023). Plants and endophytes interaction: a "secret wedlock" for sustainable biosynthesis of pharmaceutically important secondary metabolites. *Microbial cell factories*, 22(1), 226. <https://doi.org/10.1186/s12934-023-02234-8>
- Kusuma, Y., Pinatih, K.J.P., & Hendrayana, M., (2019). Efek Sinergis Kombinasi Chlorhexidine dan Alkohol Terhadap Daya Hambat Pertumbuhan *Staphylococcus aureus*. *E-Jurnal Medika*, 8(3), 1-5.
- Kusumaningtyas, E., M. Natasia, & Darmono. (2010). Potensi Metabolit Kapang Endofit Rimpang Lengkuas Merah Dalam Menghambat Pertumbuhan Eschericia Coli Dan Staphylococcus Aureus Dengan Media Fermentasi PDB Dan PDY. *Prosiding Seminar Nasional Teknologi Peternakan dan Veteriner*. Hlm.:819-824.
- Lavari, A., Eidi, S., & Soltani, M. (2022). Molecular diagnosis of dermatophyte isolates from canine and feline dermatophytosis in Northeast Iran. *Veterinary Medicine and Science*, 8(2), 492–497. <https://doi.org/10.1002/vms3.698>
- Li, L., Wang, L., Fan, W., Jiang, Y., Zhang, C., Li, J., Peng, W., & Wu, C. (2020). The Application of Fermentation Technology in Traditional Chinese Medicine: A Review. *American Journal of Chinese Medicine*, 48(4), 899–921. <https://doi.org/10.1142/S0192415X20500433>
- Liang, C., Gao, W., Ge, T., Tan, X., Wang, J., Liu, H., Wang, Y., Han, C., Xu, Q., & Wang, Q. (2021). Lauric Acid Is a Potent Biological Control Agent That Damages the Cell Membrane of *Phytophthora sojae*. *Frontiers in microbiology*, 12, 666761. <https://doi.org/10.3389/fmicb.2021.666761>
- Liu, D., Pearce, L., Lilley, G., Coloe, S., Baird, R., & Pedersen, J. (2001). A specific PCR assay for the dermatophyte fungus *Microsporum canis*. *Medical mycology*, 39(2), 215–219. <https://doi.org/10.1080/mmy.39.2.215.219>
- Liu, Y., Zhao, X., Zhou, J., Tian, R. (2022). Microbial volatile organic compounds: Antifungal mechanisms, applications, and challenges. *Frontiers in Microbiology*, 13. <https://doi.org/10.3389/fmicb.2022.922450>
- Macedo, M. F., Neves, E. R., Schafer, S., Phillips, A., & Canejo, J. (2009). Antifungal Effect of Different Methyl and Propyl Paraben Mixtures on The Treatment of Paper Biodeterioration. *International Biodeterioration & Biodegradation*, 63(3), 267-272. <https://doi.org/10.1016/j.ibiod.2008.07.011>

- Madingan, M. T., Martinko, J. M., & Parker, J. (2000). *Brock Biology of Microorganism*. New Jersey: Prentice Hall Inc.
- Mahardani, O. T., & Yuanita, L. (2021). Efek Metode Pengolahan dan Penyimpanan Terhadap Kadar Senyawa Fenolik dan Aktivitas Antioksidan. *UNESA Journal of Chemistry*, 10 (1), 64-78.
- Mairing P. P. (2022). Isolasi Jamur Endofit dari *Sonneratia alba* dan Toksisitasnya terhadap *Artemia salina*. *Jurnal Ilmiah dan Multi Disiplin Indonesia*, 1(7), 877-884. <https://doi.org/10.32670/ht.v1i7.1707>
- Maisarah, M., Chatri, M., Advinda, L., & Violita. (2023). Characteristics and Functions of Alkaloid Compounds as Antifungals in Plants. *Serambi Biologi*, 8(2), 231-236.
- Maikhan, H.K., Habeb, K. A., & Suleiman, A. A. (2017). Isolation and Molecular Identification of *Trichophyton rubrum* var. *raubitschekii* from the Infant Groin. *Journal of Garmian University*, 7, 615-623. <https://doi.org/10.24271/garmian.170>
- Mariandayani, N.H. (2012). Keragaman Kucing Domestik (*Felis domesticus*) Berdasarkan Morfogenetik. *Jurnal Peternakan Sriwijaya*, 1(1), 10-19. <https://doi.org/10.33230/JPS.1.1.2012.1233>
- Martínez-Luis, S., Cherigo, L., Higginbotham, S., Arnold, E., Spadafora, C., Ibañez, A., Gerwick, W. H., & Cubilla-Rios, L. (2011). Screening and evaluation of antiparasitic and in vitro anticancer activities of Panamanian endophytic fungi. *International microbiology: the official journal of the Spanish Society for Microbiology*, 14(2), 95–102. <https://doi.org/10.2436/20.1501.01.139>
- Meyer BN, Ferrigni NR, Putnam JE, Jacobsen LB, Nichols Dj, McLaughlin JL. (1982). Brine shrimp: A convenient general bioassay for active plant constituents. *Planta medica*, (45), 31-34. <https://doi.org/10.1055/s-2007-971236>
- Mickymaray, S. (2019). Efficacy and Mechanism of Traditional Medicinal Plants and Bioactive Compounds against Clinically Important Pathogens. *Antibiotics*, 8, 257. <https://doi.org/10.3390/antibiotics8040257>
- Mikdarullah, M., & Nugraha, A. (2017). Teknik Isolasi Bakteri Proteolitik Dari Sumber Air Panas Ciwidey, Bandung. *Buletin Teknik Litkayasa Akuakultur*, 15(1), 11. <https://doi.org/10.15578/blta.15.1.2017.11-14>
- Miksusanti, Laksmi, J., Sri, B., Ponco, B., Syarieff, R., Mulyadi, G. T., & Setiawam, Y. (2007). Aktivitas Antibakteri Minyak Atsiri Temu Kunci terhadap *Pseudomonas aeruginosa* dan Aplikasinya dalam Film Edible Pati Sagu. *Jurnal Penelitian Sains*, 10(3), 345–354. <https://doi.org/10.36706/jps.v10i3.456>

- Minnat, T. R., & Khalf, J. M. (2019). Feline Dermatophytosis : Epidemiological, Clinical and Laboratory Features in Baghdad Governorate, Iraq. *Biochemical and Cellular Archives*, 19(2), 4025–4033. <https://doi.org/10.35124/bca.2019.19.2.4025>
- Mirzahoseini, H., Omidinia, E., Shams-Ghahfarokhi, M., Sadeghi, G., Razzaghi-Abyaneh, M. (2009). Application of PCR-RFLP to Rapid Identification of the Main Pathogenic Dermatophytes from Clinical Specimens. *Iranian J Publ Health*, 38(1), 18-24. eISSN: 2251-6093
- Morath, S.U., Hung, R., Bennett, J.W. (2012). Fungal volatile organic compounds: A review with emphasis on their biotechnological potential. *Fungal Biology Reviews*, 26 (2-3), 73-83. <https://doi.org/10.1016/j.fbr.2012.07.001>.
- Moriello K. (2014). Feline dermatophytosis: aspects pertinent to disease management in single and multiple cat situations. *Journal of feline medicine and surgery*, 16(5), 419–431. <https://doi.org/10.1177/1098612X14530215>
- Mukti, L. S., & Andriani, R. (2021). Pharmacological Activities of Boesenbergia Rotunda. *Jurnal Info Kesehatan*, 11(1), 371–378. E-ISSN: 2655-2213.
- Mulyatni, A. S., Priyarmojo, A., Purwantara, A. (2011). Sekuen Internal Transcribed Spacer (ITS) DNA ribosomal *Oncobasidium theobromae* dan jamur sekerabat pembanding. *Menara Perkebunan*, 79(1), 1-5. <https://doi.org/10.22302/ppbbi.jur.mp.v79i1.75>
- Mulyani, E., Suratno, S., & Pratama, M. R. F. (2020). Formulasi dan Evaluasi Gel Topikal Antibakteri Fraksi Aktif Akar Kuning (*Arcangelisia flava* Merr.). *Jurnal Pharmascience*, 7(1), 116. <https://doi.org/10.20527/jps.v7i1.8081>
- Nabwiyah, I. R., Majidah, L., Suhariati H. I. (2020). Identifikasi *Microsporum canis* pada Kucing Liar (Studi di Dusun Ringin Pitu Jogoroto Jombang). *Jurnal Insan Cendekia*, 7(1, Maret), 53-56.
- Ningsih, D. R., Purwati, Zusfahair, & Nurdin, A. (2019). Hand Sanitizer Ekstrak Metanol Daun Mangga Arumanis (*Mangifera indica* L.). *ALCHEMY Jurnal Penelitian Kimia*, 15(1), 10-23.
- Nisa, H., Kamili, A. N., Nawchoo, I. A., Shafi, S. Shameem, N., & Bandh, S.A. (2015). Fungal endophytes as prolific source of phytochemicals and other bioactive natural products: A review. *Microbial Pathogenesis*, 82, 50-59. <https://doi.org/10.1016/j.micpath.2015.04.001>
- Nitisemito, A. S. (2019). *Panduan Lengkap Memelihara Anjing dan kucing, Kiat Ampuh Agara Binatang Peliharaan Tetap Sehat, Terawat dan Prima* (Nayla, Ed.). Pustaka Baru Press.
- Noble, S.L., Pharm, D., Forbes, R.C., & Stamm P. L. (1998). Diagnosis and Management of Common Tinea Infections. *American Family Physician*, 58(1), 163-174.

- Nurhajanah, M., Agussalim, L., Iman, S. Z., & Hajiriah, T. L. (2020). Analisis Kandungan Antiseptik Daun Kopasanda (*Choromolaena odorata*) sebagai Dasar Pembuatan Gel pada Luka. *Bioscientist : Jurnal Ilmiah Biologi*, 8(2), 284. <https://doi.org/10.33394/bjib.v8i2.2886>
- Nurhayati, L. S., Yahdiyani, N., & Hidayatulloh, A. (2020). Perbandingan Pengujian Aktivitas Antibakteri Starter Yogurt dengan Metode Difusi Sumuran dan Metode Difusi Cakram. *Jurnal Teknologi Hasil Peternakan*, 1(2), 41. <https://doi.org/10.24198/jthp.v1i2.27537>
- Nurhidayah, Uswatun H, dan Idramsa. (2014). *Pengaruh Ekstrak Metabolit Sekunder Jamur Endofit Tumbuhan *Cotylolebium melanoxylon* dalam menghambat Pertumbuhan Mikroba Patogen*. Medan: Jurusan Biologi Fakultas MIPA Universitas Negeri Medan.
- Oktabimasakti. (2015). Terhadap Bakteri *Escherichia coli* dan *Staphylococcus aureus*. *Jurnal Mahasiswa Farmasi Fakultas Kedokteran Universitas Tanjungpura Pontianak*, 1(1). 1-10.
- Ongwisespaiboon, O., & Jiraungkoorskul, W. (2017). Fingerroot, *Boesenbergia rotunda* and its Aphrodisiac Activity. *Pharmacognosy Reviews*, 11(21), 27–30. https://doi.org/10.4103/phrev.phrev_50_16
- Op De Beeck, M. Lievens, B., Busschaert, P., Declerck, S., Vangronsveld, J., & Colpaert, J. V. (2014). Comparison and validation of some ITS primer pairs useful for fungal metabarcoding studies. *PloS one*, 9(6), e97629. <https://doi.org/10.1371/journal.pone.0097629>
- Pasquetti, M., Min, A. R. M., Scacchetti, S., Dogliero, A., & Peano, A. (2017). Infection by *Microsporum canis* in Paediatric Patients: A Veterinary Perspective. *Veterinary sciences*, 4(3), 46. <https://doi.org/10.3390/vetsci4030046>
- Pattanaik, B.N., & Mandalia, H.C. (2017). Ethyl Acetate: Properties, Production Processes And Applications-A Review. *International Journal of Current Research and Review*, 3(12), 23-40. ISSN: 2249-9571
- Pohan, D. J., Marantuan, R. S., Djojosaputro, M. (2023). Toxicity Test of Strong Drug Using the BSLT (Brine Shrimp Lethality Test) Method. *International Journal of Health Sciences and Research*, 13(2), 203-209.
- Pohl, C., Kock, J. & Thibane, V. (2011). Antifungal free fatty acids: A Review. Science Against Microbial Pathogens. *Communicating Current Research and Technological Advances*, 61-71.
- Praptiningsih, Y. (1999) *Teknologi Pengolahan*. Jember: Fakultas Teknologi Pertanian Universitas Jember
- Pratiwi, R. H., Astiningrum, R. D., & Yulistiana, Y. (2022). Analisis Terapi Cuka Apel (*Malus domestica*) sebagai Antijamur Sistemik terhadap Dermatofitosis

- Kucing Persia. *Media Kedokteran Hewan*, 33(1), 35. <https://doi.org/10.20473/mkh.v33i1.2022.35-47>
- Purnama, D., Nurtjahja, K., Nugrahalia, M., Fauziah, I. (2022). The Antimicrobe of *Kaempferia galanga* L. Rhizome against *Microsporum canis* and *Staphylococcus epidermidis* – In-vitro Study. *International Journal of Ecophysiology*, 4(1), 40-44. <https://doi.org/10.32734/ijoep.v4i1.11167>
- Puspitasari, E., Rozirwan, & Hendri, M. (2018). Uji Toksisitas dengan Menggunakan Metode *Brine Shrimp Lethality Test* (BSLT) Pada Ekstrak Mangrove (*Avicennia Marina*, *Rhizophora Mucronata*, *Sonneratia Alba* dan *Xylocarpus granatum*) yang Berasal dari Banyuasin, Sumatera Selatan. *Jurnal Biologi Tropis*, 18(1), 91–103. <https://dx.doi.org/10.29303/jbt.v18i1.733>
- Radji, M. (2005). Peran Bioteknologi dan Mikroba Endofit dalam Pengembangan Obat Herbal. *Majalah Ilmu Kefarmasian*, vol. II, No.3, 113-126.
- Rahmawati, D., Yanuarsih, N., Hastuti, U. S. (2018). Kajian Daya Antagonisme Kapang *Trichoderma* spp. terhadap *Colletotrichum capsici* dan *Erysiphe cichoracearum* aecara In Vitro. *Proceeding Biology Education Conference*, 15(1), 848-852. P-ISSN:2528-5742.
- Rasyid, A. (2012). Identifikasi Senyawa Metabolit Sekunder Serta Uji Aktivitas Antibakteri dan Antioksidan Ekstrak Metanol Teripang *Stichopus hermanii*. *Jurnal Ilmu dan Teknologi Kelautan Tropis*, 4(2), 360-368,
- Rasyidah, & Fariani, R. (2021). Perbandingan Teknik Penyimpanan Menggunakan Medium Yang Berbeda Terhadap Viabilitas Kapang *Colletotrichum capsici* dan *Prycularia oryzae*. *Jurnal Pengelolaan Laboratorium Pendidikan*, 3(2), 69-76. e-ISSN: 2654-251X
- Ratnasari, J. D., Isnawati, & Ratnasari, E. (2014). Uji Antagonis Jamur Agens Hayati terhadap Jamur *Cercospora musae* Penyebab Penyakit Sigatoka Secara In Vitro. *LenteraBio*. 3(2), 129-135. ISSN: 2252-3979
- Rialita, T., Rahayu, W.P., Nuraida, L., Nurtama, B. (2015). Aktivitas Antimikroba Minyak Esensial Jahe Merah (*Zingiber officinale Var. Rubrum*) dan Lengkuas Merah (*Alpinia purpurata K. Schum*) Terhadap Bakteri Patogen Dan Perusak Pangan. *AGRITECH*, 35(1), 43-52.<https://doi.org/10.22146/agritech.9418>.
- Rifai, N. (2017). Mycology. In *Tietz Textbook of Clinical Chemistry and Molecular Diagnostics*. St. Louis, Missouri: Elsevier.
- Risna, Y., K., Sri-Harimurti, Wihandoyo, & Widodo. (2022). Kurva Pertumbuhan Isolat Bakteri Asam Laktat dari Saluran Pencernaan Itik Lokal Asal Aceh. *Jurnal Peternakan Indonesia*, 24 (1), 1-7. <https://doi.org/10.25077/jpi.24.1.1-7.2022>

- Roca, M. G., Davide, L. C., & Wheals, A. E. (2003). Template preparation for rapid PCR in *Colletotrichum lindemuthianum*. *Brazilian Journal of Microbiology*, 34(1), 8-12. <https://doi.org/10.1590/S1517-83822003000100003>
- Rodrigo, S., Santamaria, O., Halecker, S., Lledó, S., & Stadler, M. (2017). Antagonism between *Byssochlamys spectabilis* (anamorph *Paecilomyces variotii*) and plant pathogens: Involvement of the bioactive compounds produced by the endophyte. *Annals of Applied Biology*, 171(3), 464–476. <https://doi.org/10.1111/aab.12388>
- Rohmani, S. & Kuncoro, M.A.A. (2019). Uji Stabilitas dan Aktivitas Gel Handsanitizer Ekstrak Daun Kemangi. *Journal of Pharmaceutical Science and Clinical Research*, 01, 16-28 <https://doi.org/10.20961/jpsc.v4i1.27212>
- Rosdianto, A. M., Puspitasari, I. M., Lesmana, R., & Levita, J. (2020). Bioactive compounds of *Boesenbergia sp.* and their anti-inflammatory mechanism: A review. *Journal of Applied Pharmaceutical Science*, 10(7), 116–126. <https://doi.org/10.7324/JAPS.2020.10715>
- Rowe, R.C., Sheskey, P.J., & Quinn M., E. (2009). *Handbook of Pharmaceutical Excipients*. Lexi-Comp: American Pramaceutical Association.
- Rustam, E. (2013). Karakteristik Jamur *Fusarium* sp. Penyebab Penyakit Layu Daun. *Jurnal Fitopatologi*, 1 (1), 11-13. <https://doi.org/10.37637/ab.v4i3.835>
- Samanta, I. (2015). *Veterinary Mycology*. Springer, Berlin.
- Sani, M. H. M., Zakaria, Z. A., Balan, T., The, L. K., & Saleh, M. Z. (2012). Antinociceptive Activity of Methanol Extract of *Muntingia calabura* Leaves and the Mechanism of Action Involved. *Research Artikel*, 1-11. <https://doi.org/10.1155/2012/890361>
- Santos, T. F. B., Dos Santos Carvalho, C., de Almeida, M. A., Delforno, T. P., & Duarte, I. C. S. (2020). Endophytic fungi isolated from Brazilian medicinal plants as potential producers of antioxidants and their relations with anti-inflammatory activity. *3 Biotech*, 10(5), 223. <https://doi.org/10.1007/s13205-020-02211-7>
- Sari, S.A., Ernita, M., Mara, M. N., & AR Rudi, M. (2020). Identification of Active Compounds on *Muntingia calabura* L. Leaves using Different Polarity Solvents. *Indonesian Journal of Chemical Science and Technology*, 3(1), 1-7. E-ISSN: 2622-4968.
- Schulz, B., Rommert, A. K., Dammann, U., Aust, H. J., & Strack, D. (1999). The endophyte-host interaction: a balanced antagonism. *Mycological Research*, 10, 1275–1283. <https://doi.org/10.1017/S0953756299008540>
- Septiana, E., & Simanjuntak, P. (2017). Pengaruh Kondisi Kultur yang Berbeda terhadap Aktivitas Antioksidan Metabolit Sekunder Kapang Endofit Asal Akar Kunyit. *Traditional Medicine Journal*, 22(April), 31–36. ISSN-e : 2406-

9086

- Shalaby, M. F. M., El-din, A. N., El-Hand, M. A. (2016). Isolation, Identification, and In Vitro Antifungal Susceptibility Testing of Dermatophytes from Clinical Samples at Sohag University Hospital. *Egypt Electronic Physician*, 8(6), 2557 – 2567. <http://dx.doi.org/10.19082/2557>
- Shankaranarayana, S. H., Gajanana, V. K., Chavan, M., Chavannavar, S. V., & Doddanagappa, S. (2024). Bioactive Potential of Baby Corn Silk: In-Vitro Evaluation of Antioxidant, Antimicrobial, Anti-diabetic, and Anti-gout Activities. *Waste and Biomass Valorization*, 15(7), 1-20. <https://doi.org/10.1007/s12649-024-02443-1>
- Shara, M., Basyuni, M., & Hasanuddin. (2023). Potential of Phylloplane Fungi from Mangrove Plant (*Rhizophora apiculata* Blume) as Biological Control Agents against *Fusarium oxysporum* f. sp. *cubense* in Banana Plant (*Musa acuminata* L.). *Forests*, 14(2), 167. <https://doi.org/10.3390/f14020167>
- Sharma, R. R., Singh, D., & Singh. R. (2009). Biological control of postharvest diseases of fruits and vegetables by microbial antagonists: A review. *Biol Control*, 50, 205-221. <https://doi.org/10.1016/j.bioc.2009.05.001>
- Shaw, J. J., Berbasova, T., Sasaki, T., Jefferson-George, K., Spakowicz, D. J., Dunican, B. F., Portero, C. E., Narváez-Trujillo, A., & Strobel, S. A. (2015). Identification of a fungal 1,8-cineole synthase from *Hypoxyylon* sp. with specificity determinants in common with the plant synthases. *The Journal of biological chemistry*, 290(13), 8511–8526. <https://doi.org/10.1074/jbc.M114.636159>
- Sheeba, H., Ali, M.S. and Anuradha, V. (2019) Bioactive compounds and antimicrobial activity of fungal crude extract from medicinal plants. *Journal Pharmacy Science Research*, 11, 1826-1833.
- Shin, J.W., Choi, H.R., Park, K.C. (2013). Stamp-Form Contact Plate: A Simple and Useful Culture Method for Microorganisms of the Skin. *Ann Dermatol*, 25(1), 126-1128. <https://doi.org/10.5021/ad.2013.25.1.126>
- Simatupang, E. J. (2018). *Formulasi Sediaan Gel Hand Sanitizer Dari Ekstrak Etanol Daun Jambu Air (Syzygium aqueum (Burm. F.) Alston)*. [Skripsi] Insitut Kesehatan Hevetia.
- Soedarto. (2015). *Mikrobiologi Kedokteran*. Jakarta : CV Sagung Seto.
- Soliman, S. A., Khaleil, M. M., & Metwally, R. A. (2022). Evaluation of the Antifungal Activity of *Bacillus amyloliquefaciens* and *B. velezensis* and Characterization of the Bioactive Secondary Metabolites Produced against Plant Pathogenic Fungi. *Biology*, 11(10), 1390. <https://doi.org/10.3390/biology11101390>

- Sondana, G. A. (2019). Isolasi Dan Karakterisasi Fungi *Dark Septate Endophyte* (DSE) Asal Akar Temu Kunci (*Boesenbergia rotunda* (L.) Mansf). *Seminar Nasional Pendidikan Biologi dan Biologi*, Fakultas Matematika dan Ilmu Pengetahuan, Universitas Negeri Jakarta.
- Sondana, G. A. (2020). Seleksi Kapang Dark Septate Endophyte (DSE) Secara In Vitro Sebagai Agen Hayati Terhadap *Ganoderma* sp. Patogen Tanaman Kelapa Sawit. [Skripsi]. Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Negeri Jakarta.
- Souissi, A., Ben-Lagha, I., Toukabri, N., Mama, M., & Mokni, M. (2018). Morse code-like hairs in tinea capitis disappear after successful treatment. *Int J Dermatol*, 57(12), 150–151. <https://doi.org/10.1111/ijd.14224>.
- Spadaro, D., Vola, R., Piano, S., & Gullino, M.L. (2002). Mechanism of Action and Efficacy of Four Isolates of The Yeast *Metschnikowia pulcherrima* Active Againts Postharvest Pathogens on Apples. *Postharvest Biology and Technology*, 24 (1), 123-134. [https://doi.org/10.1016/S0925-5214\(01\)00172-7](https://doi.org/10.1016/S0925-5214(01)00172-7)
- Sukmawati, D., Hidayat, I., & Dewi, L. C. (2019). Antagonistic activity of three *Aspergillus* isolates against *Fusarium* wilt of banana. *Journal of Microbial Systematics and Biotechnology*, 1(1), 1–10. <https://doi.org/10.37604/jmsb.v1i1.16>
- Sukmawati, D., Saidah, N., Handayani, K. T., & Rahayu, S. (2018). The Characteristics of Fungi Contaminating Chicken Feed in Tegal, Bogor, West Java. *Asian Journal of Agriculture and Biology*, 6(4), 472–480.
- Sukmawati, D., Setyaningsih, A., Handayanik, T., Rahayu, S., Rustam, Y., Moersilah, M., Wahyudi, P., & Husna, S. N. A. (2018). Isolation and characterization of aflatoxigenic *Aspergillus* spp. from maize of livestock feed from Bogor. *IOP Conference Series: Materials Science and Engineering*, 434(1). <https://doi.org/10.1088/1757-899X/434/1/012105>
- Susilowati, D. N., Ginanjar, H., Yuniarti, E., Setyowati, M., & Roostika, I. (2018). Karakterisasi Bakteri Endofit Tanaman Purwoceng Sebagai Penghasil Senyawa Steroid dan Antipatogen. *Jurnal Littro*, 24(1), 1-10. <https://doi.org/10.21082/littri.v24n1.2018.1-10>
- Tafrijiyah, F. (2022). *Kemampuan Kapang Endofit Byssochlamys spectabilis UNJCC F2 dan UNJCC F6 Pleosporales sp. UNJCC F6 Asal Akar Temu Kunci (Boesenbergia rotunda) Sebagai Antimikroba dan Antioksidan*. [Skripsi] Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Negeri Jakarta.
- Tan, R. X., & Zou, W. X. (2001). Endophytes: a rich source of functional metabolites. *Natural Product Reports*, 18(4), 448–459. <https://doi.org/10.1039/b100918>

- Taweechaisupapong, S., Singhara, S., Lertsatitthanakorn, P., & Khunkitti, W. (2010). Antimicrobial effects of *Boesenbergia pandurata* and *Piper sarmentosum* leaf extracts on planktonic cells and biofilm of oral pathogens. *Pakistan Journal of Pharmaceutical Sciences*, 23(2), 224–231. PMID: 20363704.
- Thekkangil, A., & Suchuthra, T.V. (2020). Antidermatophytic lead compounds from *Streptomyces albidoflavus* STV1572a against *Tinea* infections by *Trichophyton mentagrophytes*. *Microbial Pathogenesis*, 142, 104037. <https://doi.org/10.1016/j.micpath.2020.104037>
- Triwidodo, H., Listihani, & Selangga, D. G. W. (2021). Isolasi cendawan endofit pada tanaman padi serta potensinya sebagai pemacu pertumbuhan tanaman. *Agrovigor: Jurnal Agroekoteknologi*, 14(2), 109-115. <https://doi.org/10.21107/agrovigor.v14i2.10166>
- Utami, M. D., Linda, A., Violita, Moralita, C. (2022). Efektivitas Ekstrak Daun Mengkudu (*Morinda citrifolia* L.) Sebagai Antifungi Terhadap Pertumbuhan *Sclerotium rolfsii* Secara In Vitro. *Serambi Biologi*, 7 (2),199-204.
- Verma, A., Gupta, P., Rai, N., Tiwari, R. K., Kumar, A., Salvi, P., Kamble, S. C., Singh, S. K., & Gautam, V. (2022). Assessment of Biological Activities of Fungal Endophytes Derived Bioactive Compounds Isolated from *Amoora rohituka*. *Journal of Fungi*, 8(3). <https://doi.org/10.3390/jof8030285>
- Villaverde, M. M., Bertero, N. M., Garetto, T. F., & Marchi, A. J. (2013). Selective liquid-phase hydrogenation of furfural to furfuryl alcohol over Cu-based catalysts. *Catalysis Today*, 213, 87-92. <https://doi.org/10.1016/j.cattod.2013.02.031>
- Wang, X. W., Han, P. J., Bai, F. Y., Luo, A., Bensch, K., Meijer, M., B, K., Han, D. Y., Sun, B. D., Crous, P. W., & Houbraken, J. (2022). Taxonomy, phylogeny and identification of *Chaetomiaceae* with emphasis on thermophilic species. *Studies in mycology*, 101, 121–243. <https://doi.org/10.3114/sim.2022.101.03>
- Wantini, S., & Octavia, A. (2018). Perbandingan Pertumbuhan Jamur *Aspergillus flavus* Pada Media PDA (*Potato Dextrose Agar*) dan Media Alternatif dari Singkong (*Manihot esculenta* Crantz). *Jurnal Analis Kesehatan*, 6(2), 625–631. <https://doi.org/10.26630/JAK.V6I2.788>
- Warni, J, Marliah, A, & Erida, G. (2022). Uji Aktivitas Bioherbisida Ekstrak Etil Asetat Teki (*Cyperus rotundus* L.) Terhadap Pertumbuhan Gulma Bayam Duri (*Amaranthus spinosus* L.). *Jurnal Ilmiah Mahasiswa Pertanian*, 7(2), 47-54. <https://doi.org/10.17969/jimfp.v7i2.20085>
- Watanabe, M., Tsuchihashi, H., Ogawa, T., Ogawa, Y., Komiyama, E., Hirasawa, Y., Hiruma, M., Kano, R., & Ikeda, S. (2022). *Microsporum canis* Infection

- in a Cat Breeder Family and an Investigation of Their Breeding Cats. *Medical mycology journal*, 63(4), 139–142. <https://doi.org/10.3314/mmj.22-00015>
- Wells, C. M., Coleman, E. C., Yeasmin, R., Harrison, Z. L., Kurakula, M., Baker, D. L., Bumgardner, J. D., Fujiwara, T., & Jennings, J. A. (2021). Synthesis and Characterization of 2-Decenoic Acid Modified Chitosan for Infection Prevention and Tissue Engineering. *Marine drugs*, 19(10), 556. <https://doi.org/10.3390/md19100556>
- Wewe, F., Chairul, & Utami, S.P. (2019). Pengaruh Konsentrasi Gula Dan Waktu Fermentasi Terhadap Yield Asam Asetat Menggunakan Bahan Baku Nira Nipah Dan Bakteri Acetobacter aceti. *Jom FTEKNIK*, 6(1), 1-6.
- White, T.M., Bruns, T., Lee, S., Taylor, J., (1990). *Amplification and direct sequencing of fungal ribosomal RNA for phylogenetics*. In: Innis, M.A., Gelfand, D.H., Sninsky, J.J., White, T.J. (Eds.), PCR protocols: a guide to methods and applications. Academic Press, San Diego, CA, pp. 315–321.
- Widiantini, F. Yulia, E., Kurniawan, A. (2020). Penghambatan Pertumbuhan *Rhizoctonia oryzae* dan *Cercospora oryzae* oleh Senyawa Volatil yang Dihasilkan Bakteri Endofit Padi. , 31 (1): 61-67. ISSN 0853-2885.
- Widyantari, N. P. I., & Sari, P. M. N. A., (2022). Potensi Rimpang Temu Kunci (*Boesenbergia pandurata* Roxb.) sebagai Bahan Aktif Produk Kecantikan Alami yang Ramah Lingkungan. *Prosiding Workshop dan Seminar Nasional Farmasi*, 1(1), 82-100.
- Widyawati, L., Mustariani, B. A. A., & Purmafitriah, E. (2017). Formulasi Sediaan Gel Hand Sanitizer Ekstrak Etanol Daun Sirsak (*Annona Muricata Linn*) Sebagai Antibakteri *Staphylococcus aureus*. *Jurnal Farmasetis* 6(2), 47–57. <https://doi.org/10.32583/farmasetis.v6i2.274>
- Wink, M. (2008). *Ecological Roles of Alkaloids*. Wink, M. (Eds.) *Modern Alkaloids, Structure, Isolation Synthesis and Biology*. Jerman: Wiley-VCH Verlag GmbH & Co. KgaA.
- Wisal, G. A. (2018). An Over View of Feline Dermatophytosis. *South Asian Journal of Research in Microbiology*, September, 1–14. <https://doi.org/10.9734/sajrm/2018/v1i4820>
- Wuryanti, W. (2008). Pengaruh Penambahan Biotin Pada Media Pertumbuhan Terhadap Produksi Sel *Aspergillus niger*. *Bioma : Berkala Ilmiah Biologi*, 10(2), 46.
- Xavier, G. A., da Silva, L. B., da Silva, D. R., de Moraes Peixoto, R., Lino, G. C., & Mota, R. A. (2008). Dermatophytosis caused by *Microsporum canis* and *Microsporum gypseum* in free-living *Bradypus variegatus* (Schiz, 1825) in the state of Pernambuco, Brazil. *Brazilian journal of microbiology*, 39(3), 508–510. <https://doi.org/10.1590/S1517-838220080003000018>

- Yan, L., Zhu, J., Zhao, X., Shi, J., Jiang, C., & Shao, D. (2019). Beneficial effects of endophytic fungi colonization on plants. *Applied microbiology and biotechnology*, 103(8), 3327–3340. <https://doi.org/10.1007/s00253-019-09713-2>
- Yarden, O., & Yanofsky, C. (2011). Chitin synthase 1 plays a major role in cell wall biogenesis in *Neurospora crassa*. *Genes & Development*, 5, 2420-2430. <https://doi.org/10.1101/gad.5.12b.2420>
- Yu, X., Zhao, M., Liu, F., Zeng, S., & Hu, Jun. (2013). Identification of 2,3-dihydro-3,5-dihydroxy-6-methyl-4H-pyran-4-one as a strong antioxidant in glucose-histidine Maillard reaction products. *Food Research International*, 51(1), 397-403. <https://doi.org/10.1016/j.foodres.2012.12.044>.
- Yulianti, D., Wismandanu, O., & Afriandi, I. (2021). Pengetahuan, Sikap, dan Praktik Pemilik Kucing yang Berkunjung ke Puskeswan Kota Cimahi terhadap Kejadian Dermatofitosis pada Kucing Peliharaannya. *Media Penelitian Dan Pengembangan Kesehatan*, 31(3), 245–256. <https://doi.org/10.22435/mpk.v31i3.3397>
- Zahran, R.A., Marwoto, Umma, H.A. (2023). Perbandingan Efektivitas Antara Metode *Swab* dan *Contact Plate* Dalam Menilai Kualitas Kebersihan Ruang ICU di RS Dr. Moewardi Surakarta. *Plexus Medical Journal*, 2(4), 140-148. <https://doi.org/10.20961/plexus.v2i4.857>
- Zainab, Permanasari, H., Ikhwanudin, A., & Mulyaningsih, S. (2022). Formulasi dan Aktivitas Antibakteri Sediaan Emulgel Ekstrak Etanol Rimpang Temu Kunci (*Boesenbergia pandurata*) terhadap *Staphylococcus Aureus*. *Prosiding Seminar Nasional Pusat Informasi dan Kajian Obat*, 1, 46-58, ISSN: 2985-5195.
- Zaini, M., Hidriya, H., & Japeri, J. (2020). Aktivitas Antioksidan Ekstrak Etanol *Muntingia calabura* Dengan Variasi Laju Pengadukan Menggunakan Macerator-Magnetic Stirrer (M-Ms). *Jurnal Pharmascience*, 7(2), 27-35. <http://dx.doi.org/10.20527/jps.v7i2.9037>
- Zaki, F. H. M., Airin, C. M., Nururrozi, A., Yanuartono, & Indarjulianto, S. (2021). A review: the prevalence of dermatophytosis on cats in Indonesia and Turkey. *BIO Web of Conferences*, 33, 06004. <https://doi.org/10.1051/bioconf/20213306004>
- Zhang, F., Tan, C., Xu, Y., & Yang, G. (2019). FSH1 regulates the phenotype and pathogenicity of the pathogenic dermatophyte *Microsporum canis*. *International Journal of Molecular*, 44(6), 2047–2056. <https://doi.org/10.3892/ijmm.2019.4355>
- Zheng, H., Blechert, O., Mei, H., Ge, L., Liu, J., Tao, Y., Li, D., de Hoog, G. S., & Liu, W. (2020). Assembly and analysis of the whole genome of *Arthroderma*

uncinatum strain T10, compared with *Microsporum canis* and *Trichophyton rubrum*. *Mycoses*, 63(7), 683–693. <https://doi.org/10.1111/myc.13079>

Zivkovic, S., Stojanovic, S., Ivanovic, Z., Gavrilovic, V., Popovic, T., & Balaz, J. (2010). Screening of antagonistic activity of microorganism against *Colletotrichum acutatum* and *C. gloeosporioides*. *Archives Biological Sciences Belgrade*, 62(3), 611-621. <https://doi.org/10.2298/ABS1003611Z>

