

DAFTAR PUSTAKA

- Abdelkhalek, A., S. L. Behiry, dan A. A. Al-Azkar. 2020. *Bacillus velezensis* PEA1 Inhibits *Fusarium oxysporum* Growth dan Induces Systemic Resistance to Cucumber Mosaic Virus . *Agronomy* 10:1312.
- Adeniji, A.A., D.T. Loots, dan O.O. Babalola. 2019. *Bacillus velezensis*; phylogeny,useful applications danavenuesforexploitation.App Microbiol Biotechnol.103: 3669-3682.
- Azmi, F., M. Chatri, L. Advinda, dan Irdawati. 2021. Pengaruh ekstrak daun rambutan (*Nephelium lappaceum* L.) terhadap diameter koloni dan persentase penghambatan pertumbuhan *Fusarium oxysporum*. *Serambi Biolombi Biolombi Biologi* 6:7-11.
- Cao, H., S. He, R. Wei, M. Diong, dan L. Lu. 2011. *Bacillus amyloliquefaciens* G1: a potential antagonistic bacterium against eel-pathogenic *Aeromonas hydrophila*. *Evidence-based complementary dan alternative medicine: eCAM*.
- Deepti, S., M. Hareesh dan H.C. Lal. 2021. Study on variations in morphological and cultural characters of *Fusarium oxysporum* f.sp. Udum. *The pharma innovation journal* 10 :1070-1073.
- Ferreira, R., A. L. Oliveira, P. M. Bisch, dan M. R. Cherubin. 2019. Integration of metabolomics and transcriptomics data to construct a maize metabolic network map. *Frontiers in plant science* 10: 1095.
- Flori, F., Mukarlina, dan Rahmawati. 2020. Potensi antagonis isolat bakteri *Bacillus* spp. Asal rizosfer tanaman lada (*Piper nigrum* L.) sebagai agen pengendali jamur *Fusarium* sp. *JDF. Bioma* 5 :111-120.
- Fourie, G., E.T. Steenkamp, R.C. Ploetz, T.R. Gordon, dan, A. Viljoen. 2011. Current status of the taxonomic position of *Fusarium oxysporum* *formae specialis cubense* within the *Fusarium oxysporum* complex. *Infection, Genetics dan Evolution* 11:533-542
- Gendoo, D. M., N. Ratanasirigulchai, U. Schmitz, dan O. Wolkenhauer. 2021. Comparative analysis of clustering methods for gene expression time-course data. *Frontiers in genetics* 12 : 661273.
- Hutauruk, D., Suryanto., D & Munir, E., 2016. Asal Isolat Bakteri Kitinolitik *Bacillus* sp. BK17 pada media pembawa tanah gambut dan kompos janjang kelapa sawit dalam menghambat pertumbuhan jamur patogen *sclerotium rolfsii* dan *Fusarium oxysporum* pada Kecambah Cabai. *Jurnl HP T Tropika*.16 :61- 70.

- Kalfon, R., Y. Koren, dan M. Linial. 2020. PhyloGene: A software package for clustering gene expression data using phylogeny. *Bioinformatics* 36 : 2266-2267
- Kim, K. M., Y. Kim, H. Choi, dan S. Y. Ryu. 2017. Antifungal activity of *Bacillus velezensis* KACC 13126 against plant pathogenic fungi. *Mycobiology* 45 : 168-172.
- Krebs, B., B. Höding, S. Kübart, M.A. Workie, H. Junge, G. Schmiedeknecht, R. Grosch,
- H. Bochow, M. Hevesi.1998. Use of *Bacillus subtilis* as biocontrol agent. I. Activities dan characterization of *Bacillus subtilis* strains. *Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz*. 105:181–197.
- Li, X., Wang, X., Shi, X., Wang, B., Li, M., Wang, Q., dan Zhang,S. 2020. Antifungal effect of volatile organic compounds from *Bacillus velezensis* CT32 against *Verticilliumdahliae* dan *Fusarium oxysporum*. *Processes* 8 : 1674.
- Li, Y., Z. Li, K. Yamanaka, Y. Xu, W. Zhang, dan H. Vlamakis. 2020. *Bacillus velezensis* YC7010 enhances plant growth dan resistance to bacterial wilt disease in tomato plants. *Plant disease* 104: 1666-1674.
- Mishra, N., J. Bartsch, G. A. Ayoko, T. Salthammer, dan L. Morawska. 2015. Volatile organic compounds: characteristics, distribution dan sources in urban schools. *Atmospheric environment* 106 : 485-491
- Nifakos, K., P.C. Tsalgatidou, E.Thomloui, A.Skagia, D.Kotopoulis, E.Baira, C.Delis, K. Papadimitriou, E. Markellou, A.Venieraki, dan P. Katinakis. 2021. Genomic analysis dan secondary metabolites production of the endophytic *Bacillus velezensis* Bvel1: a biocontrol agent against *Botrytis cinerea* causing bunch rot in post-harvest table grapes. *Plant*. 10(8): 1-18.
- Nurzuhulian, V.M. A.R.Sulistyaningtyas, dan S.N. Ethica.2021. Karakterisasi bakterilipolitik *Bacillus* sp. pada wadi organ pencernaan ikan sidat (*Anguilla* sp.). *Pro Food*. 7: 59-67.
- Ongena, M. dan P. Jacques. 2008. *Bacillus* lipopeptides: versatile weapons for plant disease biocontrol. *Trends in microbiology* 16 :115-125.
- Orr, R. dan P. N. Nelson. 2018. Impacts of soil abiotic attributes on *Fusarium* wilt, focusing on bananas. *Applied Soil Ecology* 132:20-33.
- Pérez G. A., D. Romero, A. De Vicente. 2011. Plant protection dan growth stimulation by microorganisms: biotechnological applications of Bacilli in agriculture. *Current opinion in biotechnology* 22 : 187-193.

- Rabbee, M.F., M.S.Ali, J.Choi, B.S.Hwang, S.C.Jeong, dan K.Baek. 2019. *Bacillus velezensis*: a valuable of bioactive molecules within plant microbiomes. *Molecules*. 24: 1-14.
- Sarah,V.N.,M.I.Pinem,dan L.Lubis.2014.Inventarisasi Jamur Penyebab Penyakit Daun palem raja (*Roystonea elata* Bartr.) taman Kota Medan. *Jurnal Online Agroteknologi*.2 : 735-748.
- Srivastava, S., N. Pathak, dan P. Srivastava. 2011. Identification of limiting factors for the optimum growth of *Fusarium oxysporum* in liquid medium. *Toxicol International* 18:111-116.
- Srivinas,C., D. N. Devi, K. N. Murthy, C. D. Mohan, T . .R . L akshmeesha, B. P. Singh,N.K. Kalagur ,S.. R .niranjana, A.Hashem,A.A.Alqarawi, B.Tabassum, E. F. Abd_Allah, S. C. Nayaka, dan R. K. Srivastava. 2019. *Fusarium oxysporum* f. sp. *lycopersici* causal agent of vascular wilt disease of tomato: Biology to diversity. *Saudi Journal of biological sciences* 26:1315-1324.-1324.
- Uthayasooriyan, M., S. Pathmanathan, N. Ravimannan, S. Sathyaruban. 2016. Formulation of alternative culture media for bacterial dan fungal growth.
- Teixeira, G. M., Mosela, M., Nicoletto, M. L. A., Ribeiro, R. A., Hungria, M., Youssef, K., Higashi, A.Y., Mian, S., Ferreira, A.S., Gonçalves, L.S.A. dan Pereira, U.D.P dan deOliveira,A.G.2021.Genomic Insights Intotheantifungalactivitydan Plant growth-promoting ability in *Bacillus velezensis* CMRP 4490. *Frontiers in Microbiology* 11:618415.
- Trabelsi, R., H. Sellami, Y. Gharbi, S. Krid, M. Cheffi, S. Kammoun, M. Dammak, A. Mseddi, R. Gdoura, dan M. A. Triki. 2017. Morphological dan molecular characterization of *Fusarium* spp. associated with olive trees dieback in Tunisia. *Biotechnology* 7:28.
- Vahidinasab,M., I.Adiek, B.Hosseini, S.O.Akintayo, B.Abrishamchi,J.P fannstiel, M. Henkel, L.Lilge, R.T. Voegele, dan R. Hausmann. 2022. *Bacillus velezensis* UTB96, Demonstrating improved lipopeptide production compared to the strain *B.velezensis* FZB42. *Microorganism*. 10:1-17.
- Wang,G.F., J.F. Meng, T.Tian, X.Q. Xiao, B. Zhang, dan Y.N. Xiao. 2020. Endophytic *Bacillus velezensis* strain B-36 is a potential biocontrol agent against lotus rot caused by *Fusarium oxysporum*. *Journal applied microbiology* 128:1153- 1162.
- Wu, L., H. J. Qiao, X. Gao, dan R. Borriss. 2015. Novel routes for improving biocontrol activity of *Bacillus* based bioinoculants. *Frontiers in microbiology* 6 :1395.

- Yastanto, A. J., 2020. Karakteristik Pertumbuhan Jamur pada Media PDA dengan Metode Pour Plate. Indonesian Journal of Laboratory 2 : 33-39.
- Yilmaz, M., H. Soran, dan Y. Beyatli. 2006. Antimicrobial activities of some *Bacillus* spp. strains isolated from the soil. Microbiological research 161: 127-131.
- Zaid, D. S., Cai, S., Hu, C., Li, Z., dan Li, Y. 2022. Comparative genome analysis reveals phylogenetic identity of *Bacillus velezensis* HNA3 dan genomic insights into its plant growth promotion dan biocontrol effects. Microbiology spectrum 10(1): e02169-21.
- Zhou, Z., X. Tang, L. Peng, dan H. Ding. 2022. Complete genome sequence of *Bacillus velezensis* GUAL210, a potential biocontrol agent isolated from pepper rhizosphere. Plant Disease.