

DAFTAR PUSTAKA

- Alimadadi, N., Souidi, M. R., Wang, S. A., Wang, Q. M., Talebpour, Z., & Bai, F. Y. (2016). *Starmerella orientalis* fa, sp. nov., an ascomycetous yeast species isolated from flowers. *International Journal of Systematic and Evolutionary Microbiology*, 66(3), 1476-1481.
- Alkalbani, N. S., Osaili, T. M., Al-Nabulsi, A. A., Olaimat, A. N., Liu, S. Q., Shah, N. P., & Ayyash, M. M. (2022). Assessment of yeasts as potential probiotics: A review of gastrointestinal tract conditions and investigation methods. *Journal of Fungi*, 8(4), 365.
- Amiri, E.; Strand, M.K.; Rueppell, O.; Tarp, D.R.. (2017). Queen quality and the impact of honey bee diseases on queen health. Potential for interactions between two major threats to colony health. *Insects*, 8, 48.
- Amorim, J. C., Piccoli, R. H., & Duarte, W. F. (2018). Probiotic potential of yeasts isolated from pineapple and their use in the elaboration of potentially functional fermented beverages. *Food Research International*, 107, 518-527.
- Ariyanti, T. (2010). Bakteri *Listeria monocytogenes* sebagai Kontaminan Makanan Asal Hewan (Foodborne Disease). *Wartazoa*, 20(2), 94–102.
- Alvarez, S. C. V., Alaniz, M. J. L., Furlani, M. V. M., Vazquez, F., Agresti, P. M., Nally, M. C., & Maturano, Y. P. (2022). Bioprospecting of the probiotic potential of yeasts isolated from a wine environment. *Fungal Genetics and Biology*, 164, 103767.
- Ayyash, M. M., Abdalla, A. K., AlKalbani, N. S., Baig, M. A., Turner, M. S., Liu, S. Q., & Shah, N. P. (2021). Invited review: Characterization of new probiotics from dairy and nondairy products—Insights into acid tolerance, bile metabolism and tolerance, and adhesion capability. *Journal of Dairy Science*, 104(8), 8363-8379.
- Babazadeh, R., Lahtvee, P. J., Adiels, C. B., Goksör, M., Nielsen, J. B., & Hohmann, S. (2017). The yeast osmotic stress response is carbon source dependent. *Scientific reports*, 7(1), 990.
- Bajaj, B. K., Raina, S., & Singh, S. (2013). Killer Toxin from a Novel Killer Yeast *Pichia kudriavzevii* RY55 with Idiosyncratic Antibacterial Activity. *Journal of Basic Microbiology*, 53(8), 645–656.
- Basukriadi, A., Sjamsuridzal, W., & Putra, B. B. (2010). Molecular identification and diversity of yeasts associated with *Apis cerana* foraging on flowers of *Jatropha integerrima*. *Microbiology Indonesia*, 4(1), 9-9.
- Bicudo de Almeida-Muradian, L., Monika Barth, O., Dietemann, V., Eyer, M., Freitas, A. D. S. D., Martel, A. C., & Gasparotto Sattler, J. A. (2020).

- Standard methods for *Apis mellifera* honey research. *Journal of Apicultural Research*, 59(3), 1-62.
- Binda, S., Hill, C., Johansen, E., Obis, D., Pot, B., Sanders, M. E., & Ouwehand, A. C. (2020). Criteria to qualify microorganisms as “probiotic” in foods and dietary supplements. *Frontiers in Microbiology*, 11, 1662.
- Borges, D., Guzman-Novoa, E., & Goodwin, P. H. (2021). Effects of prebiotics and probiotics on honey bees (*Apis mellifera*) infected with the microsporidian parasite *Nosema ceranae*. *Microorganisms*, 9(3), 481.
- Bühligen, F., Lindner, P., Fetzer, I., Stahl, F., Scheper, T., Harms, H., & Müller, S. (2014). Analysis of aging in lager brewing yeast during serial repitching. *Journal of biotechnology*, 187, 60-70.
- Callegari, M., Crotti, E., Fusi, M., Marasco, R., Gonella, E., De Noni, I., & Daffonchio, D. (2021). Compartmentalization of bacterial and fungal microbiomes in the gut of adult honeybees. *npj Biofilms and Microbiomes*, 7(1), 42.
- Charlena, A. H. (2009). Karwati, “Degradasi Hidrokarbon pada Tanah Tercemar Minyak Bumi dengan Isolat A10 dan D8”. In *Seminar Nasional Sains II* (pp. 124-136).
- Cornara, L., Biagi, M., Xiao, J., Burlando, B. (2017). Therapeutic properties of bioactive compounds from different honeybee products. *Front. Pharmacol*, 8.
- Chou, L. S., & Weimer, B. (1999). Isolation and characterization of acid- and bile-tolerant isolates from strains of *Lactobacillus acidophilus*. *Journal of Dairy Science*, 82(1), 23–31.
- Czerucka, D., Piche, T., & Rampal, P. (2007). yeast as probiotics—*Saccharomyces boulardii*. *Alimentary pharmacology & therapeutics*, 26(6), 767-778.
- Czerucka, D., & Rampal, P. (2002). Experimental effects of *Saccharomyces boulardii* on diarrheal pathogens. *Microbes and infection*, 4(7), 733-739.
- Dahiya, D., & Nigam, P. S. (2022). Probiotics, prebiotics, synbiotics, and fermented foods as potential biotics in nutrition improving health via microbiome-gut-brain axis. *Fermentation*, 8(7), 303.
- Daniali, M., Nikfar, S., & Abdollahi, M. (2020). Antibiotic resistance propagation through probiotics. *Expert Opinion on Drug Metabolism & Toxicology*, 16(12), 1207-1215.
- Danner, N., Keller, A., Härtel, S., Steffan-Dewenter, I. (2017). Honey bee foraging ecology: Season but not landscape diversity shapes the amount and diversity of collected pollen. *PLoS ONE*, 12, e0183716.

- Dawes, I. W., & Sutherland, I. W. (1992). Energy production. *Microbial physiology*, 86-114.
- Dellanerra, D., Risandi, A., Sunari, A., Sukmawati, D., Husna, S. N. Al, dan ElEnshasy, H. A. (2019). Screening and characterization of amylolytic mold originated from ghost crab (*Ocypode* sp.) in Cidaon, Ujung Kulon National Park, Indonesia. *AIP Conference Proceedings*, 2120.
- Delgado, A. R. (2008). Listeriosis in Pregnancy. *Journal of Midwifery and Women's Health*, 53(3), 255–259.
- De Melo Pereira, G. V., de Oliveira Coelho, B., Magalhães Júnior, A. I., Thomaz-Soccol, V., & Soccol, C. R. (2018). How to select a probiotic? A review and update of methods and criteria. *Biotechnology Advances*, 36(8), 2060–2076.
- de Oliveira Scoaris, D., Hughes, F. M., Silveira, M. A., Evans, J. D., Pettis, J. S., Bastos, E. M. A. F., & Rosa, C. A. (2021). Microbial communities associated with honey bees in Brazil and in the United States. *Brazilian Journal of Microbiology*, 52, 2097-2115.
- Di Cagno, R., Filannino, P., Cantatore, V., Polo, A., Celano, G., Martinovic, A., Cavoski, I., Gobbetti, M., 2020. Design of potential probiotic yeast starters tailored for making a cornelian cherry (*Cornus mas* L.) functional beverage. *I J Food Microbiol.* 323, 108–591.
- Edgar, R. C. (2004). MUSCLE: A multiple sequence alignment method with reduced time and space complexity. *BMC Bioinformatics*, 5, 1–19
- Fadda, M. E., Mossa, V., Deplano, M., Pisano, M. B., & Cosentino, S. (2017). In vitro screening of *Kluyveromyces* strains isolated from Fiore Sardo cheese for potential use as probiotics. *LWT*, 75, 100-106.
- Fardiaz, S. (1992). *Mikrobiologi Pangan I* (Jakarta: PT Gramedia Pustaka Utama)
- FAO/WHO. (2006). Probiotic in foods. Health and nutritional properties and guidelines for evaluation. In *FAO Food and Nutrition*; pp 85 ISBN 92-5-105513-0. 2006; Also available at <ftp://ftp.fao.org/docrep/fao/009/a0512e/a0512e00.pdf>.
- Federer, W. T. (1963). *Experimental Design: Theory and Application*. Macmillan (Vol. 61). University of Michigan.
- Fell, J. W, Boekhout, T., Fonseca, A., Scorzetti, G. & Stutzell-Tallman, A. (2000). Biodiversity and systematics of basidiomycetous yeasts as determined by large-subunit rDNA D1/D2 domain sequence analysis. *International Journal of Systematic and Evolutionary Microbiology* 50, 1351–1371.
- García-Hernández, Y., Rodríguez, Z., Brandão, L. R., Rosa, C. A., Nicoli, J. R., Elías Iglesias, A. Halaihel, N. (2012). Identification and in vitro screening of avian yeasts for use as probiotic. *Research in Veterinary Science*, 93(2), 798–802.

- Gut, A. M., Vasiljevic, T., Yeager, T., & Donkor, O. N. (2018). *Salmonella* infection–prevention and treatment by antibiotics and probiotic yeasts: a review. *Microbiology*, *164*(11), 1327-1344.
- Hajar, Siti M. D., Noorhisham, T. K., & Nurina, A. (2012). Yeast identification from domestic ragi for food fermentation by PCR method. *International Food Research Journal*, *19*(2), 775–777.
- Hammond, G. and M. Blankenship 2009. "*Apis mellifera*" (On-line), Animal Diversity Web. Accessed July 23, 2023 at https://animaldiversity.org/accounts/Apis_mellifera/
- Hewlett, S.E.; Wareham, D.M.; Barron, A.B. Honey bee (*Apis mellifera*) sociability and nestmate affiliation are dependent on the social environment experienced post-eclosion. *J. Exp. Biol.* 2017, *221*, eb173054.
- Horáčková, Š., Plocková, M., & Demnerová, K. (2018). Importance of microbial defence systems to bile salts and mechanisms of serum cholesterol reduction. *Biotechnology Advances*, *36*(3), 682–690.
- Horiike, T., Minai, R., Miyata, D., Nakamura, Y., & Tateno, Y. (2016). Ortholog-finder: a tool for constructing an ortholog data set. *Genome biology and evolution*, *8*(2), 446-457.
- Iorizzo, M., Pannella, G., Lombardi, S.J., Ganassi, S., Testa, B., Succi, M., Sorrentino, E., Petrarca, S., De Cristofaro, A., Coppola, R., *et al.* (2020). Inter- and intra-species diversity of lactic acid bacteria in *Apis mellifera* ligustica colonies. *Microorganisms*, *8*, 1578.
- Jamaluddin, M. N. Z., Setianingsih, C., & Saputra, R. E. (2023). Monitoring Stup Lebah Madu Berbasis Internet of Things. *eProceedings of Engineering*, *10*(1).
- Jasmi. (2013). Hamuli Lebah Madu *Apis* (Hymenoptera: Apidae) pada beberapa Ketinggian di Sumatera Barat. *Jurnal Saintek*. *5*(1): 71–77.
- Khalafalla, M.S.; Sadik, M.W.; Ali, M.A.; Mohamed, R.S. Novel potential probiotics from gut microbiota of honeybees (*Apis mellifera*) in clover feeding season in Egypt. *Plant Arch.* 2019, *19*, 3381–3389.
- Khan, K. A., & Liu, T. (2022). Morphological structure and distribution of hairiness on different body parts of *Apis mellifera* with an implication on pollination biology and a novel method to measure the hair length. *Insects*, *13*(2), 189.
- Kreusch, M. G., & Duarte, R. T. D. (2021). Photoprotective compounds and radioresistance in pigmented and non-pigmented yeasts. *Applied Microbiology and Biotechnology*, *105*(9), 3521-3532.
- Kumar, M., Nagpal, R., Kumar, R., Hemalatha, R., Verma, V., Kumar, A., Yadav, H. (2012). Cholesterol-Lowering Probiotics as Potential Biotherapeutics for Metabolic Diseases, 2012, 1-15.

- Kurtzman, C. P. & Robnett, C. J. (1998). Identification and phylogeny of ascomycetous yeasts from analysis of nuclear large subunit (26S) ribosomal DNA partial sequences, *Antonie van Leeuwenhoek* 73: 331–371
- Kurtzman, C., & Fell, J. W. (2006). Yeast Systematics and Phylogeny — Implications of Molecular Identification Methods for Studies in Ecology. In *Biodiversity and Ecophysiology of Yeasts* (pp. 11–30).
- Lamberkabel, J.S.A. (2011). Mengenal Jenis-Jenis Lebah Madu, Produk-Produk Dan Cara Budidayanya. *Jurnal Ilmu Pengetahuan dan Teknologi*, 9(1).
- Li, H., Chi, Z., Wang, X., Duan, X., Ma, L., & Gao, L. (2007). Purification and characterization of extracellular amylase from the marine yeast *Aureobasidium pullulans* N13d and its raw potato starch digestion. *Enzyme and Microbial Technology*, 40(5), 1006–1012.
- Li, M., Liao, X., Zhang, D., Du, G., & Chen, J. (2011). Yeast extract promotes cell growth and induces production of polyvinyl alcohol-degrading enzymes. *Enzyme research*, 2011 (1).
- Limtong, S., Kaewwichian, R., Yongmanitchai, W., & Kawasaki, H. (2014). Diversity of culturable yeasts in phylloplane of sugarcane in Thailand and their capability to produce indole-3-acetic acid. *World Journal of Microbiology and Biotechnology*, 30, 1785-1796.
- Li, X., Ma, W., Shen, J., Long, D., Feng, Y., Su, W., ... & Jiang, Y. (2019). Tolerance and response of two honeybee species *Apis cerana* and *Apis mellifera* to high temperature and relative humidity. *PLoS One*, 14(6), e0217921.
- Luchese, R. H., Prudencio, E. R., & Guerra, A. F. (2017). Honey as a Functional Food. *Honey Analysis*. doi: 10.5772/67020.
- Lund, P. A., De Biase, D., Liran, O., Scheler, O., Mira, N. P., Cetecioglu, Z., ... & O'Byrne, C. (2020). Understanding how microorganisms respond to acid pH is central to their control and successful exploitation. *Frontiers in microbiology*, 11, 556140.
- Madden, A. A., Epps, M. J., Fukami, T., Irwin, R. E., Sheppard, J., Sorger, D. M., & Dunn, R. R. (2018). The ecology of insect–yeast relationships and its relevance to human industry. *Proceedings of the Royal Society B: Biological Sciences*, 285(1875), 20172733.
- Malassigné, S., Minard, G., Vallon, L., Martin, E., Valiente Moro, C., & Luis, P. (2021). Diversity and functions of yeast communities associated with insects. *Microorganisms*, 9(8), 1552.
- Marham, H. D., Rustam, Y., & Sukmawati, D. (2017). Uji Kemampuan Antagonisme Khamir Asal Daun Jati (*Tectona grandis*) terhadap Kapang

Pengkontaminan pada Pakan Ternak Ayam. *Bioma*, 12(2), 118.

- Maulidina, S. H. N., & Alami, N. H. (2020). Degradasi Atrazin oleh *Candida* TB1 dengan Penambahan Sumber Karbon dan Nitrogen. *Jurnal Sains dan Seni ITS*, 8(2), E68-E72.
- Mead, P. S., Slutsker, L., Dietz, V., McCaig, L. F., Bresee, J. S., Shapiro, C., Tauxe, R. V. (2000). Food-related illness and death in the United States. *Journal of Environmental Health*, 62(7), 9–18.
- Merchán, A. V., Benito, M. J., Galván, A. I., & de Herrera, S. R. M. S. (2020). Identification and selection of yeast with functional properties for future application in soft paste cheese. *Lwt*, 124, 109173.
- Muche, N., Geremew, T., & Jiru, T. M. (2023). Isolation and characterization of potential probiotic yeasts from Ethiopian injera sourdough. *3 Biotech*, 13(9), 300.
- Mustar, S., & Ibrahim, N. (2022). A sweeter pill to swallow: A review of honey bees and honey as a source of probiotic and prebiotic products. *Foods*, 11(14), 2102.
- Nadal, A., Coll, A., Cook, N., & Pla, M. (2007). A molecular beacon-based real time NASBA assay for detection of *Listeria monocytogenes* in food products: Role of target mRNA secondary structure on NASBA design. *Journal of Microbiological Methods*, 68(3), 623–632.
- Nakase, T., Jindamorakot, S., Imanishi, Y., Am-In, S., Ninomiya, S., Kawasaki, H., & Limtong, S. (2010). *Candida potacharoeniae* sp. nov. and *Candida spenceri* sp. nov., two novel galactose-containing ascomycetous anamorphic yeast species isolated in Thailand. *The Journal of General and Applied Microbiology*, 56(4), 287-295.
- Negri, P., Villalobos, E., Szawarski, N., Damiani, N., Gende, L., Garrido, M., & Eguaras, M. (2019). Towards precision nutrition: a novel concept linking phytochemicals, immune response and honey bee health. *Insects*, 10(11), 401.
- Niode, N. J., Salaki, C. L., Rumokoy, L. J., & Tallei, T. E. (2020). Lactic acid bacteria from honey bees digestive tract and their potential as probiotics. In International Conference and the 10th Congress of the Entomological Society of Indonesia (ICCESI 2019) (pp. 236-241). Atlantis Press.
- Nowak, A., Szczuka, D., Górczyńska, A., Motyl, I., & Kręgiel, D. (2021). Characterization of *Apis mellifera* gastrointestinal microbiota and lactic acid bacteria for honeybee protection—a review. *Cells*, 10(3), 701.
- Ogunremi, O. R., Sanni, A. I., & Agrawal, R. (2015). Probiotic potentials of Yeasts Isolated from some Cereal-based Nigerian Traditional Fermented Food Products. *Journal of Applied Microbiology*, 119(3), 797–808

- .Pennacchia, C., Blaiotta, G., Pepe, O., & Villani, F. (2008). Isolation of *Saccharomyces cerevisiae* strains from different food matrices and their preliminary selection for a potential use as probiotics. *Journal of Applied Microbiology*, 105(6), 1919–1928.
- Phale, S. (2018). Yeast: Characteristics and economic significance. *Journal of bioprocessing and biotechniques*, 8(5), 2155-9821.
- Punyauppa-Path, S., Kiatprasert, P., Sawaengkaew, J., Mahakhan, P., Phumkhachorn, P., Rattanachaikunsopon, P., & Srisuk, N. (2022). Diversity of fermentative yeasts with probiotic potential isolated from Thai fermented food products. *AIMS microbiology*, 8(4), 575.
- Putra, Bangga B. 2010. Isolasi Dan Identifikasi Khamir Dari Saluran Pencernaan Apis Cerana (Fabricius, 1793) Yang Mengunjungi Bunga *Jatropha integerrima* Jacq. Di Kampus Universitas Indonesia. (*Skripsi*, Universitas Indonesia, 2010). Diakses di <https://lib.ui.ac.id/detail.jsp?id=20181086>
- Qazi, M. A., Wang, Q., & Dai, Z. (2022). Sophorolipids bioproduction in the yeast *Starmerella bombicola*: current trends and perspectives. *Bioresource Technology*, 346, 126593.
- Rajkowska, K., Kunicka-Styczynska, A., & Rygala, A. (2012). Probiotic Activity of *Saccharomyces cerevisiae* var. *boulardii* Against Human Pathogens, 9862(2), 230–236.
- Ratnaningtyas, N. I., Andarwanti, S., Ekowati, N., Purwanti, E. S., & Sukmawati, D. (2018). Effects of *Ganoderma lucidum* Extract on Diabetic Rats. *Biosaintifika*, 10(3), 642–647.
- Risandi, A., Fuady, R., Sukmawati, D., Husna, S. N. A., Nurjayadi, M., Enshasy, H. E., & Ridawati, R. (2019, December). Isolation and screening of amylolytic yeast from *Paphiopedilum* sp., originating from Bedugul Botanical Garden, Bali, Indonesia. In *Journal of Physics: Conference Series* (Vol. 1402, No. 3, p. 033060). IOP Publishing.
- Rodríguez-Sánchez, S., Fernández-Pacheco, P., Seseña, S., Pintado, C., & Palop, M. L. (2021). Selection of probiotic *Lactobacillus* strains with antimicrobial activity to be used as biocontrol agents in food industry. *LWT*, 143, 111142.
- Rong, A. L., YanZhou, Z., HuiJie, Q., WeiFeng, S., Murphy, R. W., & ChaoDong, Z. (2010). Outgroup selection in tree reconstruction: a case study of the family Halictidae (Hymenoptera: Apoidea). *Acta Entomologica Sinica*, 53, 192-201.
- Romero, S., Nastasa, A., Chapman, A., Kwong, W. K., & Foster, L. J. (2019). The honey bee gut microbiota: strategies for study and characterization. *Insect molecular biology*, 28(4), 455-472.
- ROSA, C. A., & LACHANCE, M. A. (1998). The yeast genus *Starmerella* gen. nov. and *Starmerella bombicola* sp. nov., the teleomorph of *Candida*

- bombicola* (Spencer, Gorin & Tullock) Meyer & Yarrow. *International Journal of Systematic and Evolutionary Microbiology*, 48(4), 1413-1417.
- Saitou, N., & Nei, M. (1987). The Neighbor-joining Method: A New Method for Reconstructing Phylogenetic Trees. *Molecular Biology and Evolution*, 4, 406–425.
- Santos, A., San Mauro, M., Bravo, E., & Marquina, D. (2009). PMKT2, a new killer toxin from *Pichia membranifaciens*, and its promising biotechnological properties for control of the spoilage yeast *Brettanomyces bruxellensis*. *Microbiology*, 155(2), 624–634.
- Santos, A. R. O., Leon, M. P., Barros, K. O., Freitas, L. F., Hughes, A. F., Morais, P. B., & Rosa, C. A. (2018). *Starmerella camargoi* fa, sp. nov., *Starmerella ilheusensis* fa, sp. nov., *Starmerella litoralis* fa, sp. nov., *Starmerella opuntiae* fa, sp. nov., *Starmerella roubikii* fa, sp. nov. and *Starmerella vitae* fa, sp. nov., isolated from flowers and bees, and transfer of related *Candida* species to the genus *Starmerella* as new combinations. *International Journal of Systematic and Evolutionary Microbiology*, 68(4), 1333-1343.
- Schell, K. R., Fernandes, K. E., Shanahan, E., Wilson, I., Blair, S. E., Carter, D. A., & Cokcetin, N. N. (2022). The potential of honey as a prebiotic food to re-engineer the gut microbiome toward a healthy state. *Frontiers in Nutrition*, 9.
- Siddik, M. A., Foyisal, M. J., Fotedar, R., Francis, D. S., & Gupta, S. K. (2022). Probiotic yeast *Saccharomyces cerevisiae* coupled with *Lactobacillus casei* modulates physiological performance and promotes gut microbiota in juvenile barramundi, *Lates calcarifer*. *Aquaculture*, 546, 737346.
- Simpson, M. G. (2006). *Plant Systematics*. California: Elsevier Academic Press.
- Seneviratne, S. A. S. M., Weerasooriya, P. R., & George, D. (2023). Determination of the Acid Tolerance in *Lactobacillus* Isolated from Yogurt.
- Setyati, W. A., Martani, E., Triyanto, Subagyo, & Zainuddin, M. (2015). Kinetika Pertumbuhan dan Aktivitas Protease Isolat 36k dari Sedimen. *Ilmu Kelautan*, 20(September), 163–169.
- Sherman, F. (2003). Getting Started with Yeast. In *Methods Enzymol* (Vol. 350, pp. 3–41).
- Shruthi, B., Deepa, N., Somashekaraiah, R., Adithi, G., Divyashree, S., & Sreenivasa, M. Y. (2022). Exploring biotechnological and functional characteristics of probiotic yeasts: A review. *Biotechnology Reports*, e00716.
- Silva, M. S., Rabadzhiev, Y., Eller, M. R., Iliev, I., Ivanova, I., & Santana, W. C. (2017). Microorganisms in Honey. *Honey Analysis*. doi: 10.5772/67262.
- Soewandjo, E., Suharto, S., & Hadi, U. (1998). Typhoid fever in Indonesia clinical picture, treatment and status after therapy. *Medical Journal of Indonesia*, 7,

95–104.

- Sonnenberg, R., Nolte, A., & Tautz, D. (2007). An evaluation of LSU rDNA D1-D2 sequences for their use in species identification. *Frontiers in Zoology*, 4, 1–12.
- Staniszewski, A., & Kordowska-Wiater, M. (2021). Probiotic and potentially probiotic yeasts—characteristics and food application. *Foods*, 10(6), 1306.
- Stefanini, I. (2018). Yeast-insect associations: It takes guts. *Yeast*, 35(4), 315-330.
- Staton, J. L. (2015). Understanding phylogenies : Constructing and interpreting phylogenetic trees. *Journal of the South Carolina Academy of Science*, 13(1), 24-29.
- Sukmawati, D., Oetari, A., Hendrayanti, D., Atria, M., & Sjamsuridzal, W. (2015). Identification of phylloplane yeasts from paper mulberry (*Broussonetia papyrifera* (L.) L'Hér. ex Vent.) in Java, Indonesia. *Malaysian Journal of Microbiology*, 10(1), 29–37.
- Sumerta, I. N., & Kanti, A. (2018). Taxonomic Approach for Species Diversity of Yeasts and Yeasts-like Fungi through D1/D2 Region of Large Subunit Ribosomal DNA Sequences. *Biosaintifika: Journal of Biology & Biology Education*, 10(1), 72-78.
- Sumerta, I. N., Yuliani, Y., Komalasari, M., Purnaningsih, I., & Kanti, A. (2022). Yeast species and bioactive-compounds of traditional rice wine originated from lombok island, Indonesia. *agriTECH*, 42(1), 48-54.
- Tamura, K., Battistuzzi, F. U., Billig-Ross, P., Murillo, O., Filipski, A., & Kumar, S. (2012). Estimating divergence times in large molecular phylogenies. *Proceedings of the National Academy of Sciences*, 109(47), 19333-19338.
- Tiago, F. C. P., Martins, F. S., Souza, E. L. S., Pimenta, P. F. P., Araujo, H. R. C., Castro, I. M., Nicoli, J. R. (2012). Adhesion to the yeast cell surface as a mechanism for trapping pathogenic bacteria by *Saccharomyces* probiotics. *Journal of Medical Microbiology*, 61, 1194–1207.
- Triwanto, J., Herlinda, K., & Muttaqin, T. (2021). Kualitas fisikokimia pada madu dari nektar bunga Randu (*Ceiba pentandra*) dan Kaliandra (*Calliandra callothyrsus*). *Journal of Forest Science Avicennia*, 4(2), 102-113.
- Topal, E., Ceylan, Ö., Tunca, R. İ., Bay, V., Aldemir, S., İnci, H., ... & Kösoğlu, M. (2022). The effect of different feeding strategies on honey bee gut microbiota and the presence of *Nosema*. *South African Journal of Animal Science*, 52(5), 577-590.
- Villalba, A., Maggi, M., Ondarza, P. M., Szawarski, N., & Miglioranza, K. S. B. (2020). Influence of land use on chlorpyrifos and persistent organic pollutant levels in honey bees, bee bread and honey: Beehive exposure assessment. *s*, 136554.

- Wai, S. N., How, Y. H., Saleena, L. A. K., Degraeve, P., Oulahal, N., & Pui, L. P. (2022). Chitosan–sodium caseinate composite edible film incorporated with probiotic *Limosilactobacillus fermentum*: Physical properties, viability, and antibacterial properties. *Foods*, 11(22), 3583.
- Widowati, Retno. (2013). Khamir Asal Lebah Madu *Apis cerana* Fab. dan Perannya dalam Pollen Substitute untuk Meningkatkan Produktivitas Koloni. (Disertasi, Universitas Indonesia, 2013). Diakses dari <http://lib.ui.ac.id/file?file=digital/2015-12/20350889-D1445Retno%20Widowati.pdf>.
- Yuliani, H., Perdani, M. S., Savitri, I., Manurung, M., Sahlan, M., Wijanarko, A., & Hermansyah, H. (2018). Antimicrobial activity of biosurfactant derived from *Bacillus subtilis* C19. *Energy Procedia*, 153, 274–278.
- Zahoor, F., Sooklim, C., Songdech, P., Duangpakdee, O., & Soontorngun, N. (2021). Selection of potential yeast probiotics and a cell factory for xylitol or acid production from honeybee samples. *Metabolites*, 11(5), 312.

