

DAFTAR REFERENSI

- Alexopoulos, C. J., Mims, C. W., and Blackwell, M. 1996. *Introductory Mycology*. (4th ed.). USA: John Wiley and Sons Inc.
- Barnett, H. L., & Hunter, B. H. 1998. *Illustrated Genera of Imperfect Fungi*. 4 Ed. Minnesota: The American Phytopathological Society St. Paul.
- Brown, G. D. and Gordon, S. 2003. Fungal β -Glucans Minireview and Mammalian. *Immunity*, 19, pp. 311–315.
- Chang, S. T., & Miles, P. G. 1989. *Edible Mushroom and Their Cultivation*. Florida: CRC Press Inc Boca Raton.
- _____. 2004. *Mushrooms: cultivation, nutritional value, medicinal effect, and environmental impact*. 2nd ed. Florida: CRC Press LLC.
- Devi, L. S., Dasgupta, A., Chakraborty, M., Borthakur, S.K., Singh, N. I. 2014. Chemical Composition and Antioxidant Activity of *Schizophyllum commune*. *Int. J. Pharm. Sci. Rev. Res.*, 27(2), pp. 173-177
- Dikin, A., Sijam, K., Kadir, J., and Seman, I. A. 2006. Antagonistic Bacteria Against *Schizophyllum commune* Fr. in Peninsular Malaysia. *Biotropia*, 13(2), pp. 111 – 121.
- Ekowati, N., Ratnaningtyas, N. I., dan Mumpuni, A. 2016. Potensi Jamur *Trametes versicolor* dan *Rassula* sp. dalam Menghasilkan β -glukan melalui Proses Fermentasi. *Seminar Nasional Pendidikan dan Saintek*. Fakultas Biologi, Universitas Jenderal Soedirman.
- Fang, Q. H., & Zhong, J. J. 2002. Effect of Initial pH of Production of Ganoderic Acid and Polysaccharides by Submerged Fermentation of *Ganoderma lucidum*. *Process Biochem*, 37, pp. 769-774.
- Gow, N.A.R., Robinson, G.D., & Gadd, G. M. 1999. *The Fungal Colony*. New York: Carridge University Press.
- Gupta, R., & Mukerji, K.G. 2001. *Microbial Technology*. New Delhi: A.P.H Publishing Corporation.
- Hanafusa, Y., Hirano, Y., Watabe, H., Hosaka, K., Ikezawa, M., and Shibahara, T. 2016. First isolation of *Schizophyllum commune* in a harbor seal (*Phoca vitulina*). *Medical Mycology*, 54(5), pp. 492-499.
- Kim, H. O., Lim, J.M., Kim, S.W., Hwang, H. J., Choi, J.W., Yum, J.W. 2005. Optimization of Submerged Culture Condition for The Production of Mycelial Biomass and Exopolysaccharides by *Agrocybe cylindracea*. *Bioresource Teghnology*, 96, pp. 1175-1182.
- Kim, S.W., Hwang, H.J., Park, J.P., Cho, Y.J., Song, C.H, and Yun, J.W. 2002. Mycelial growth and exo-biopolymer production by submerged culture of

- various edible mushrooms under different media. *Letters in Applied Microbiology*, 34, pp. 56-61
- Kim, S. W., Hwang, H. J., Xu, C. P., Na, Y.S., Song, S.K., and Yu, J.W. 2002. Influence of nutritional conditions on the mycelial growth and exopolysaccharide production in *Paecilomyces sinclairii*. *Letters in Applied Microbiology*. 2002(34): 389–393.
- Klaus, A., Kozarski, M., Niksic, M., Jakovljevic, D., Todorovic, N., Griensven L J.L.D. Van. 2011. Antioxidative Activities And Chemical Characterization Of Polysaccharides Extracted From The Basidiomycete *Schizophyllum commune*. *Food Science and Technology*, 44, pp. 2005-2011.
- Kumar, R., Tapwal, A., Pandey, S., Borah, R. K., Borah, D., Borgohain, J. 2013. Macro-fungal diversity and nutrient content of some edible mushrooms of Nagaland, India. *Nusantara Bioscience*, 5(1), pp. 1-7
- Maziero, R., Valera, C. & Rodwell V. W. 1983. Screening of Basidiomycetes for The Production of Exopolysaccharida and Biomass in Submerged Culture. *Revista de Microbiologia*, 30, pp. 77-84.
- _____ & Bononi, V. L. R. 1999. Screening of Basidiomycetes for The Production of Exopolysaccharide and Biomass in Submerged Culture. *Revista de Micriobiologa*, 30, pp. 77-84.
- Mohamad, S. A., Awang, M. R., Ibrahim, R., Keong, C. Y., Hamzah, M. Y., Rashid, R. A., Hussein, S., Rahim, K. A., Daud, F., Hamid, A. A., Yusoff, W. M. W. 2015. Production of Endopolysaccharides from Malaysia's Local Mushrooms in Air-Lift Bioreactor. *Advances in Bioscience and Biotechnology*, 6, pp. 456-462.
- Moore, E., & Landecker. 1996. *Fundamental of The Fungal* 4th ed. New Jersey: Pentice-Hall Inc.
- Mirfat, A.H.S., Noorlidah, A. and Vikineswary, S. 2010. Scavenging activity of *Schizophyllum commune* extracts and its correlation to total phenolic content. *J. Trop. Agric. and Fd. Sc.*, 38(2), pp. 231–238.
- _____. 2014. Antimicrobial activities of split gill mushroom *Schizophyllum commune* Fr. *American Journal of Research Communication*, 2(7), pp. 113-124.
- Nasreen, Z., Khan, S. J., Yasmeen, A., Shafique, M., Usman, S., and Ali, S., 2015. Optimization of Sub-Merged Culture Conditions for Biomass Production in *Schizophyllum commune*, a Medicinal Mushroom. *Int. Journal Curr.Microbiol.App.Sci*, 4(2), pp. 258-266.
- Okwulehei, Cyriacus, K., Nwose, Princewill, C., Johnpaul, O. C. 2007. Pharmaceutical and Nutritional Prospects of Two Wild Macro-Fungi in Nigeria. *Biotechnology*, 6(4), pp. 567-572.

- Padhiar, A., Nagadesi, P. K., Albert, S., and Arya, A. 2009. Morphology, Anatomy and Cultural Characters of Two Wood Decaying Fungi *Schizophyllum commune* and *Flavodon flavus*. *J Mycol PI Pathol*, 39(1), pp. 27-31
- Petre, C. V., & Tanase, C. 2013. Culture Characteristics of 20 Lignicolous Basidiomycetes Species that Synthesize Volatile Organic Compounds. *Biologi Vegetala*, 59(2), pp. 37-51.
- Roosheroe, I. G., Sjamsuridzal, W., Oetari, A. 2014. *Mikologi: Dasar dan Terapan*. Jakarta: Yayasan Pustaka Obor Indonesia.
- Steela, C., Rapaka, R. R., Metz, A., Pop, S. M., Williams, D. L., Gordon, S., Kolls, J. K., Brown, G. D. 2005. The Beta-Glucan Receptor Dectin-1 Recognizes Specific Morphologies of *Aspergillus fumigatus*. *PLoS Pathogens*, 1(4), pp. 323-334.
- Synytsya, A., Mickova, K., Synytsya, A., Jablonsky, I., Spevacek, J., Erban, V., Kovarikova, E., Copikova, J. 2009. Glucans from fruit bodies of cultivated mushrooms *Pleurotus ostreatus* and *Pleurotus eryngii*: Structure and potential prebiotic activity. *Carbohydrate Polymers*, 76, pp. 548–556
- Tabata, K., Ito, W., & Kojima, T. 1981. Ultrasonic Degradation Of Schizophyllan, An Antitumor Polysaccharide Produced by *Schizophyllum commune* Fr. *Carbohydrate Research*, 89, pp. 121-135.
- Tavares, A.P.M., Agapito, M.S.M., Coelho, M.A.Z., Lopes da S. J.A., Timmons, A. B., Coutinho, J.A.P., and Xavier, A.M.R.B. 2005. Selection and optimization of culture medium for exopolysaccharide production by *Coriolus (Trametes) versicolor*. *World Journal of Microbiology & Biotechnology*, 2, pp. 1499–1507.
- Tien, M., and Kirk, T. K. 1988. Lignin peroxidase of *Phanerochaete chrysosporium*. *Methods in Enzymology*, 161, pp. 238–249.
- Wasser S. P. 2002. Medicinal Mushrooms as a Source of Antitumor and Immunomodulating Polysaccharides. *Appl Microbiol Biotechnol*, 60, 258–274.
- Yap, A. T. & Ng M.L.M. 2001. An Improved Method for The Isolation of Lentinan from The Edible and Medical Shiitake Mushroom, *Lentinula edodes* (Berk.) Sing. (Agaricomycetidae). *International Journal of Medical Mushroom*, 3, pp. 6-19.
- Zhu, F., Du, B., Bian, Z., & Xu, B. 2015. b-Glucans from edible and medicinal mushrooms: Characteristics, physicochemical and biological activities. *Journal of Food Composition and Analysis*, 41, pp. 165–173