

DAFTAR PUSTAKA

- Adeniyi, B.A., Adetoye, A., & Ayeni, F.A. 2015. Antibacterial activities of lactic acid bacteria isolated from cow faeces against potential enteric pathogens. *African Health Science*, 15(3), 888–895.
- Al-Tawaha, R., & Meng, C. 2018. Potential benefits of *Lactobacillus plantarum* as probiotic and its advantages in human health and industrial applications: A review. *Advances in Environmental Biology*, 12, 16–27.
- Arena, M.P., Silvain, A., Normanno, G., Grieco, F., Drider, D., Spano, G., & Fiocco, D. 2016. Use of *Lactobacillus plantarum* strains as a bio-control strategy against food-borne pathogenic microorganisms. *Frontiers in Microbiology*, 7, 464. doi: 10.3389/fmicb.2016.00464
- Balouiri, M.; Sadiki, M., & Ibsouda, S.K. 2016. Methods for in vitro evaluating antimicrobial activity: A review. *Journal of Pharmaceutical Analysis*, 6(2), 71–79. doi: 10.1016/j.jpha.2015.11.005
- Beal, J., Farny, N.G., Haddock-Angelli, T., Selvajarah, V., Baldwin, G.S., Buckley-Taylor, R., Gershater, M., Kiga, D., Marken, J., Sanchania, V., Sison, A., Workman, C.T., & iGEM Interlab Study Contributors. 2020. Robust estimation of bacterial cell count from optical density. *Communications Biology*, 3, 512. doi: 10.1038/s42003-020-01127-5
- Behera, S.S., Ray, R.C., & Zdolec, N. 2018. *Lactobacillus plantarum* with functional properties: An approach to increase safety and shelf-life of fermented foods. *Biomed Research International*, 2018, 9361614. doi: 10.1155/2018/9361614
- Benítez-Chao, D.F., León-Buitimea, A., Lerma-Escalera, J.A., & Morones-Ramírez, J.R. 2021. Bacteriocins: An Overview of Antimicrobial, Toxicity, and Biosafety Assessment by *in vivo* Models. *Frontiers in Microbiology*, 12, 630695. doi: 10.3389/fmicb.2021.630695
- Brady, M.S., & Katz, S.E. 1990. Factors influencing optimization of diffusion assays for antibiotics. *Journal - Association of Official Analytical Chemists*, 73(2), 202-5.
- Centers for Disease Control and Prevention. 2022. *Staphylococcal (Staph) Food Poisoning*. Retrieved from <https://www.cdc.gov/foodsafety/diseases/staphylococcal.html#:~:text=People%20who%20carry%20Staph%20can,that%20can%20make%20people%20ill.> (11 Juli 2022)
- Chemistry LibreTexts. 2022. *Accuracy of Spectrophotometer Readings*. Retrieved from [https://chem.libretexts.org/Bookshelves/Analytical_Chemistry/vSupplemental_Modules_\(Analytical_Chemistry\)/Quantifying_Nature/Accuracy_of_Spectrophotometer_Readings](https://chem.libretexts.org/Bookshelves/Analytical_Chemistry/vSupplemental_Modules_(Analytical_Chemistry)/Quantifying_Nature/Accuracy_of_Spectrophotometer_Readings) (28 Juli 2022)
- Chen, C. C., Lai, C. C., Huang, H. L., Huang, W. Y., Toh, H. S., Weng, T. C., Chuang, Y. C., Lu, Y. C. & Tang, H. J. 2019. Antimicrobial activity of *Lactobacillus* species against carbapenem-resistant *Enterobacteriaceae*. *Frontiers in Microbiology*, 10, 1-10. doi: 10.3389/fmicb.2019.00789

- Cheng, C., Yang, Y., Dong, Z., Wang, X., Fang, C., Yang, M., Sun, J., Xiao, L., Fang, W., & Song, H. 2015. *Listeria monocytogenes* varies among strains to maintain intracellular pH homeostasis under stresses by different acids as analyzed by a high-throughput microplate-based fluorometry. *Frontiers in Microbiology*, 6, 15. doi: 10.3389/fmicb.2015.00015.
- Clinical & Laboratory Standards Institute. 1999. *M26-A: Methods for Determining Bactericidal Activity of Antimicrobial Agents; Approved Guideline*. Retrieved from: https://clsi.org/media/1462/m26a_sample.pdf (2 Juli 2022)
- Corsetti, A., Prete, R., & Garcia-Gonzalez, N. 2018. Lactic Acid Bacteria: *Lactobacillus* spp. *Lactobacillus Plantarum*. In *Reference Module in Food Science*. Amsterdam, The Netherlands: Elsevier.
- De Villiers, M.M., Wurster, D.E., & Narsai, K. 1997. Stability of lactic acid and glycolic acid in aqueous systems subjected to acid hydrolysis and thermal decomposition. *Journal of the Society of Cosmetic Chemists*, 48, 165-174.
- De Vuyst, L., & Leroy, F. 2007. Bacteriocins from Lactic Acid Bacteria: Production, Purification, and Food Applications. *Journal of Molecular Microbiology and Biotechnology*, 13(4), 194–199. doi: 10.1159/000104752
- Fidanza, M., Panigrahi, P., & Kollmann, T.R. 2021. *Lactiplantibacillus plantarum*–nomad and ideal probiotic. *Frontiers in Microbiology*, 12, 712236. doi: 10.3389/fmicb.2021.712236
- Fijan, S. 2014. Microorganisms with claimed probiotic properties: an overview of recent literature. *International Journal of Environmental Research and Public Health*, 11(5), 4745-67. doi: 10.3390/ijerph110504745
- Friedman, M.E., & Roessler, W.G. 1961. Growth of *Listeria monocytogenes* in defined media. *Journal of Bacteriology*, 82(4), 528-33. doi: 10.1128/jb.82.4.528-533.1961.
- Fuochi, V., Coniglio, M.A., Laghi, L., Rescifina, A., Caruso, M., Stivala, A., & Furneri, P.M. 2019. Metabolic Characterization of Supernatants Produced by *Lactobacillus* spp. With in vitro Anti-*Legionella* Activity. *Frontiers in Microbiology*, 10, 1403. doi: 10.3389/fmicb.2019.01403.
- ¹Gonzalez, L., Sandoval, H., Sacristán, N., Castro, J. M., Fresno, J. M., & Tornadijo, M. E. 2007. Identification of lactic acid bacteria isolated from Genestoso cheese throughout ripening and study of their antimicrobial activity. *Food Control*, 18(6), 716–722. doi:10.1016/j.foodcont.2006.03.00
- ²Gonzalez, N.C., Battista, N., Prete, R., & Corsetti, A. 2021. Health-Promoting Role of *Lactiplantibacillus plantarum* Isolated from Fermented Foods. *Microorganisms*, 9(2), 349. doi: 10.3390/microorganisms9020349
- Jarvis, B. 2016. Jarvis, B. 2016. Errors associated with colony count procedures. *Statistical Aspects of the Microbiological Examination of Foods*, 119–140. doi:10.1016/b978-0-12-803973-1.00007-3
- Jorgensen, J.H., & Ferraro, M.J. 2009. Antimicrobial Susceptibility Testing: A Review of General Principles and Contemporary Practices. *Clinical Infectious Diseases*, 49(11), 1749–1755. doi:10.1086/647952

- Kim, Y.C. 2021. *Identifikasi dan karakterisasi isolat SU-KC1a dari air susu ibu = Identification and characterization SU-KC1a isolate from human breast milk*. Bachelor thesis, Universitas Pelita Harapan.
- Li, J., Xie, S., Ahmed, S., Wang, F., Gu, Y., Zhang, C., Chai, X., Wu, Y., Cai, J., & Cheng, G. 2017. Antimicrobial Activity and Resistance: Influencing Factors. *Frontiers in Pharmacology*, 8. doi:10.3389/fphar.2017.00364
- Mackowiak, P.A. 2013. Recycling Metchnikoff: Probiotics, the Intestinal Microbiome and the Quest for Long Life. *Frontiers in Public Health*, 1, 52. doi: 10.3389/fpubh.2013.00052
- Meade, E., Slattery, M.A., & Garvey, M. 2020. Bacteriocins, potent antimicrobial peptides and the fight against multi drug resistant species: Resistance is futile? *Antibiotics (Basel)*, 9, 32. doi: 10.3390/antibiotics9010032
- Monte, J., Abreu, A.C., Borges, A., Simoes, L.C. & Simoes, M. 2014. Antimicrobial activity of selected phytochemicals against *escherichia coli* and *staphylococcus aureus* and their biofilms. *Pathogens*, 3, 473-498.
- Mueller, M., & Tainter, C.R. 2022. *Escherichia coli*. Treasure Island, Florida, United States: StatPearls Publishing Online
- Murray, P.R. 2015. The Clinician and The Microbiology Laboratory. In *Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases*. Amsterdam, Netherlands: Elsevier
- Nantarat, N., Tragoolpua, Y., & Gunama, P. 2019. Antibacterial Activity of the Mucus Extract from the Giant African Snail (*Lissachatina fulica*) and Golden Apple Snail (*Pomacea canaliculata*) Against Pathogenic Bacteria Causing Skin Diseases. *Tropical Natural History*, 19(2), 103–112
- Natasha, F. 2011. *Identifikasi dan karakterisasi lactobacillus plantarum dari tembolok ayam kampung*. Bachelor thesis, Universitas Pelita Harapan
- Parada, J.L., Caron, C.R., Medeiros, A.B.P., & Socol, C.R. 2007. Bacteriocins from lactic acid bacteria: purification, properties and use as biopreservatives. *Brazilian Archives of Biology and Technology*, 50, 512–542.
- Parlindungan, E., Lugli, G.A., Ventura, M., van Sinderen, D., & Mahony, J. 2021. Lactic Acid Bacteria Diversity and Characterization of Probiotic Candidates in Fermented Meats. *Foods*, 10, 1519. doi: 10.3390/foods10071519
- Pfaller, M. A., Sheehan, D. J., & Rex, J. H. 2004. Determination of Fungicidal Activities against Yeasts and Molds: Lessons Learned from Bactericidal Testing and the Need for Standardization. *Clinical Microbiology Reviews*, 17(2), 268–280. doi:10.1128/cmr.17.2.268-280.2004
- Rachmah, A.F. 2020. *Isolasi dan identifikasi bakteri Bifidobacterium sp. dari air susu ibu (ASI) = Isolation and identification of Bifidobacterium sp. from human breast milk*. Bachelor thesis, Universitas Pelita Harapan.
- Rogalla, D., & Bomar, P.A. 2021. *Listeria monocytogenes*. Treasure Island, Florida, United States: StatPearls Publishing Online

- Sanchez, B., Urdaci, M.C., & Margolles, A. 2010. Extracellular proteins secreted by probiotic bacteria as mediators of effects that promote mucosa–bacteria interactions. *Microbiology*, 156, 3232–3242.
- Sanaky, F.M.N. 2021. *Evaluasi penghambatan Escherichia coli dan Staphylococcus aureus oleh Lactobacillus plantarum F75 = Evaluation of the inhibition of Escherichia coli dan Staphylococcus aureus by Lactobacillus plantarum F75*. Bachelor thesis, Universitas Pelita Harapan.
- Settanni, L., & Corsetti, A. 2008. Application of bacteriocins in vegetable food biopreservation. *International Journal of Food Microbiology*, 121, 123–138. doi: 10.1016/j.ijfoodmicro.2007.09.001
- Taylor, T.A., & Unakal, C.G. 2022. *Staphylococcus aureus*. Treasure Island, Florida, United States: StatPearls Publishing Online
- te Giffel, M. C., & Zwietering, M. H. 1999. Validation of predictive models describing the growth of *Listeria monocytogenes*. *International Journal of Food Microbiology*, 46(2), 135–149. doi:10.1016/s0168-1605(98)00189-5
- Timotius, V.A.C. 2021. *Analisis Motif Immunoregulator DNA CpG, Gen Plantaricin, dan Gen Resistensi Mupirocin pada Genom Lactiplantibacillus plantarum SU-KC1a = Analysis of Immunoregulatory CpG DNA Motifs, Plantaricin Genes, and Mupirocin Resistance Genes in Lactiplantibacillus plantarum SU-KC1a*. Bachelor thesis, Universitas Pelita Harapan.
- Vlasova, A.N., Kandasamy, S., Chattha, K.S., Rajashekara, G., & Saif, L.J. 2016. Comparison of probiotic *lactobacilli* and *bifidobacteria* effects, immune responses and rotavirus vaccines and infection in different host species. *Veterinary Immunology and Immunopathology*, 172, 72-84. doi: 10.1016/j.vetimm.2016.01.003
- Williams, P., Winzer, K., Chan, W.C., & Cámara, M. 2007. Look who's talking: communication and quorum sensing in the bacterial world. *Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences*, 362(1483), 1119-34. doi: 10.1098/rstb.2007.2039.
- World Health Organization. 2022. *E. coli*. Retrieved from <https://www.who.int/news-room/fact-sheets/detail/e-coli> (16 Juli 2022)
- Zacharof, M., & Lovitt, R. 2012. Bacteriocins produced by lactic acid bacteria a review article. *APCBEE Procedia*, 2, 50–56. doi: 10.1016/j.apcbee.2012.06.010