

DAFTAR PUSTAKA

- Anisimova, E. & Yarullina, D., 2018. Characterization of erythromycin and tetracycline resistance in *Lactobacillus fermentum* strains. *International journal of microbiology*, 2018.
- Arqués, J.L., Rodríguez, E., Langa, S., Landete, J.M. & Medina, M., 2015. Antimicrobial activity of lactic acid bacteria in dairy products and gut: effect on pathogens. *BioMed research international*.
- Basbülbül, G., Özteber, M. & Biyik, H.H., 2015. Antibiotic resistance in lactic acid bacteria isolated from fermented dairy products and boza. *The Journal of Microbiology, Biotechnology and Food Sciences*, 4(6), p.513.
- Bernardeau, M., Vernoux, J. P., Henri-Dubernet, S., & Gueguen, M. 2008. Safety assessment of dairy microorganisms: the *Lactobacillus* genus. *International journal of food microbiology*, 126(3), 278-285.
- Blandino, G., Milazzo, I., & Fazio, D. 2008. Antibiotic susceptibility of bacterial isolates from probiotic products available in Italy. *Microbial Ecology in Health and Disease*, 20(4), 199-203.
- Bozdogan, B., Galopin, S. & Leclercq, R., 2004. Characterization of a new erm-related macrolide resistance gene present in probiotic strains of *Bacillus clausii*. *Appl. Environ. Microbiol.*, 70(1), pp.280-284.
- Casierra-Posada, F., & Jarma-Orozco, A. 2016. Nutritional composition of *Passiflora* species. *Nutritional composition of fruit cultivars*, pp. 517-534. Academic Press.
- Clementi, F. & Aquilanti, L., 2011. Recent investigations and updated criteria for the assessment of antibiotic resistance in food lactic acid bacteria. *Anaerobe*, 17(6), pp.394-398.
- CLSI, C. 2016. Performance standards for antimicrobial susceptibility testing. Clinical Lab Standards Institute.
- Danielsen, M. & Wind, A., 2003. Susceptibility of *Lactobacillus* spp. to antimicrobial agents. *International journal of food microbiology*, 82(1), pp.1-11.
- Delvia, F., Fridayanti, A. & Ibrahim, A. 2015. Isolasi dan Identifikasi Bakteri Asam Laktat (BAL) dari Buah Mangga (*Mangifera indica* L.). *Jurnal Ilmiah Manuntung*, 1(2), pp. 114–120.
- Dewi, S.S. & Aryadi, T., 2016. Profil Sensitivitas Bakteri Asam Laktat Isolat ASI Terhadap Antibiotik. *Journal the 4th Univesity Research Coloquium*.

- EFSA, 2005. Updating of the criteria used in the assessment of bacteria for resistance to antibiotics of human or veterinary importance, Question N° EFSA-Q-2004-079 adopted on 30 April 2020. *The EFSA Journal* 223, 1–12.
- EFSA Panel on Biological Hazards (BIOHAZ), 2012. Scientific Opinion on the maintenance of the list of QPS biological agents intentionally added to food and feed (2012 update). *EFSA Journal*, 10(12), p.3020.
- Emmawati, A., Laksmi, B.S., Nuraida, L. & Syah, D., 2015. Karakterisasi isolat bakteri asam laktat dari mandai yang berpotensi sebagai probiotik. *Agritech*, 35(2), pp.146-155.
- FAO/WHO, 2002. Guidelines for the evaluation of probiotics in food. *Report of a joint FAO/WHO working group on drafting guidelines for the evaluation of probiotics in food*.
- FAO/WHO. 2006. Probiotics in food. *Health and nutritional properties and guidelines for evaluation*.
- Firmansyah, A., 2016. Terapi Probiotik dan prebiotik pada penyakit saluran cerna anak. *Sari Pediatri*, 2(4), pp.210-4.
- Flórez, A.B. & Mayo, B., 2017. Antibiotic resistance-susceptibility profiles of *Streptococcus thermophilus* isolated from raw milk and genome analysis of the genetic basis of acquired resistances. *Frontiers in microbiology*, 8, p.2608.
- Fraqueza MJ. 2015. Antibiotic resistance of lactic acid bacteria isolated from dry-fermented sausages. *International Journal of Food Microbiology*, 212 pp.76-88.
- Gad, G. F. M., Abdel-Hamid, A. M., & Farag, Z. S. H. 2014. Antibiotic resistance in lactic acid bacteria isolated from some pharmaceutical and dairy products. *Brazilian Journal of Microbiology*, 45(1), 25-33.
- Geria, M. & Caridi, A. 2014. Methods to assess lactic acid bacteria diversity and compatibility in food. *Acta Alimentaria*. Reggio Calabria, Italy, 43(1), pp. 96–104.
- Gevers, D., Huys, G. & Swings, J., 2003. In vitro conjugal transfer of tetracycline resistance from *Lactobacillus* isolates to other Gram-positive bacteria. *FEMS Microbiology Letters*, 225(1), pp.125-130.
- Golus, J., Sawicki, R., Widelski, J. & Ginalska, G., 2016. The agar microdilution method—a new method for antimicrobial susceptibility testing for essential oils and plant extracts. *Journal of applied microbiology*, 121(5), pp.1291-1299.

- Gouriet, F., Million, M., Henri, M., Fournier, P.E. & Raoult, D., 2012. *Lactobacillus rhamnosus* bacteremia: an emerging clinical entity. *European journal of clinical microbiology & infectious diseases*, 31(9), pp.2469-2480.
- Gueimonde, M., Sánchez, B., de los Reyes-Gavilán, C.G. & Margolles, A., 2013. Antibiotic resistance in probiotic bacteria. *Frontiers in microbiology*, 4, p.202.
- Guo, X.H., Kim, J.M., Nam, H.M., Park, S.Y. & Kim, J.M., 2010. Screening lactic acid bacteria from swine origins for multistrain probiotics based on in vitro functional properties. *Anaerobe*, 16(4), pp.321-326.
- Hansur, L., Ugi, D. & Hambali, H. 2019. Uji Kepekaan Bakteri Asam Laktat Kandidat Probiotik terhadap Antibiotik Kanamisin, Oleandomisin, dan Polimiksin B. *eJKI*, 7, pp. 61–65.
- Hidayat, H., 2017a. March. Analysis of 16S rRNA gene lactic acid bacteria (LAB) isolate from Markisa fruit (*Passiflora* sp.) as a producer of protease enzyme and probiotics. In *AIP Conference Proceedings* (Vol. 1823, No. 1, p. 020110). AIP Publishing.
- Hidayat, H., 2017b. Identifikasi Morfologi dan Uji Aktivitas Antimikroba Terhadap Bakteri *Escherichia coli* Dari Fermentasi Buah Markisa (*Passiflora* sp.). *Jurnal Imu-Ilmu MIPA*, 15(1–2), pp. 76–85.
- Hummel, A. S., Hertel, C., Holzapfel, W. H., & Franz, C. M. 2007. Antibiotic resistances of starter and probiotic strains of lactic acid bacteria. *Applied and environmental microbiology*, 73(3), 730-739.
- Jacobsen, L., Wilcks, A., Hammer, K., Huys, G., Gevers, D. & Andersen, S.R., 2007. Horizontal transfer of tet (M) and erm (B) resistance plasmids from food strains of *Lactobacillus plantarum* to *Enterococcus faecalis* JH2-2 in the gastrointestinal tract of gnotobiotic rats. *FEMS microbiology ecology*, 59(1), pp.158-166.
- Jawetz, E., Melnick, J.L. & Adelberg, E.A., 2013. Mikrobiologi Kedokteran Edisi 25. *EGC: Jakarta*. Hlm. 38-47.
- Karsinah, Hutabarat, R. C. & Manshur, A. 2010. Markisa Asam (*Passiflora edulis* Sims) Buah Eksotik Kaya Manfaat. *Iptek Hortikultura*, (6), pp. 30–35.
- Karsinah, Silalahi, F. H. & Manshur, A. 2007. Eksplorasi dan Karakterisasi Plasma Nutfah Tanaman Markisa. *Jurnal Hortikultura*, 17(4), pp. 297–306.

- Katzung B K, Masters S B, Trevor A J. Farmakologi Dasar & Klinik edisi 12. Jakarta: 2013. Hal 919-21.
- Kechagia, M., Basoulis, D., Konstantopoulou, S., Dimitriadi, D., Gyftopoulou, K., Skarmoutsou, N. & Fakiri, E.M., 2013. Health benefits of probiotics: a review. *ISRN nutrition*.
- Kumar, A. & Schweizer, H. P. 2005. Bacterial resistance to antibiotics: Active efflux and reduced uptake. *Advanced Drug Delivery Reviews*, 57(10), pp. 1486–1513.
- Lamont, R.J. & Jenkinson, H.F., 2010. *Oral microbiology at a glance* (Vol. 38). John Wiley & Sons.
- Maier, R. M., & Pepper, I. L. 2015. Bacterial growth. In *Environmental microbiology* (pp. 37-56). Academic Press.
- Manin, F., Hendalia, E. & Yusrizal, Y., 2012. Potensi Bakteri Bacillus dan Lactobacillus sebagai Probiotik Untuk Mengurangi Pencemaran Amonia pada Kandang Unggas. *Jurnal Peternakan Indonesia (Indonesian Journal of Animal Science)*, 14(2), pp.360-367.
- Monteiro, S., Albertina Silva Beserra, Y., Miguel Lisboa Oliveira, H., & Pasquali, M. A. D. B. 2020. Production of Probiotic Passion Fruit (*Passiflora edulis* Sims f. *flavicarpa* Deg.) Drink Using Lactobacillus reuteri and Microencapsulation via Spray Drying. *Foods*, 9(3), 335.
- Ouoba, L.I.I., Lei, V. & Jensen, L.B., 2008. Resistance of potential probiotic lactic acid bacteria and bifidobacteria of African and European origin to antimicrobials: determination and transferability of the resistance genes to other bacteria. *International journal of food microbiology*, 121(2), pp.217-224.
- Ramaiya, S. D., Bujang, J. B., Zakaria, M. H., & Saupi, N. 2019. Nutritional, mineral and organic acid composition of passion fruit (*Passiflora species*). *Food Research*, 3, 231-240.
- Ramona, Y., Made, N. & Dwipayanti, U. 2008. Isolasi dan Karakterisasi Bakteri Asam Laktat dari Susu Kuda Sumbawa (charaterization of lactic acid bacteria Iisolated from sumbawa mare milk). *Jurnal Veteriner*, 9(2), pp. 52–59.
- Rosari, Y.M., 2011. Karakteristik pertumbuhan bakteri asam laktat indigenous susu sapi segar sebagai kandidat bakteri probiotik dalam saluran pencernaan in vitro. *Skripsi*. Institut Pertanian Bogor.
- Rosyidah, Iif. 2019. Potential red passion fruit (*Passiflora edulis* Sims.) as a source of resistance probiotics against vancomycin

- and erythromycin. *Journal of Biological Researches. On going process.*
- Ruangpan, L., 2004. Minimal inhibitory concentration (MIC) test and determination of antimicrobial resistant bacteria. In *Laboratory manual of standardized methods for antimicrobial sensitivity tests for bacteria isolated from aquatic animals and environment* (pp. 31-55). Aquaculture Department, Southeast Asian Fisheries Development Center.
- Sánchez, B., Arias, S., Chaignepain, S., Denayrolles, M., Schmitter, J.M., Bressollier, P. & Urdaci, M.C., 2009. Identification of surface proteins involved in the adhesion of a probiotic *Bacillus cereus* strain to mucin and fibronectin. *Microbiology*, 155(5), pp.1708-1716.
- Sasmita, S., Halim, A., Sapriati, A.N. & Kursia, S., 2018. Isolasi dan Identifikasi Bakteri Asam Laktat dari Liur Basa (Limbah Sayur Bayam dan Sawi). *As-Syifaa Jurnal Farmasi*, 10(2), pp.141-151.
- Setiabudi R. 2007. Antimikroba lain: *Farmakologi dan terapi edisi 5*. Jakarta. p.723-4.
- Sharma, P., Tomar, S.K., Goswami, P., Sangwan, V. & Singh, R., 2014. Antibiotic resistance among commercially available probiotics. *Food Research International*, 57, pp.176-195.
- Sharma, R. & Sharma, N., 2017. Assessment of probiotic attributes of food grade lactic acid bacteria isolated from a novel traditional fermented product-Luske of Northern Himalayas. *Int J Curr Microbiol Appl Sci*, 6(7), pp.2481-2490.
- Soleha, T.U., 2015. Uji kepekaan terhadap antibiotik. *Juke Unila*, 5(9), pp.119-123.
- Sorokulova, I.B., Pinchuk, I.V., Denayrolles, M., Osipova, I.G., Huang, J.M., Cutting, S.M. & Urdaci, M.C., 2008. The safety of two *Bacillus* probiotic strains for human use. *Digestive diseases and sciences*, 53(4), pp.954-963.
- Surest, A. H., Ovelando, R. & Nabilla, M. A. 2013. Fermentasi Buah Markisa (*Passiflora*) Menjadi Asam Sitrat. *Jurnal Teknik Kimia*, 19(3), pp. 15–21.
- Tenover, F. C. 2009. Antibiotic susceptibility testing. *Encyclopedia of Microbiology* (Third Edition), pp.67-77.
- Thokchom, R. & Mandal, G. 2017. Production Preference and Importance of Passion Fruit (*Passiflora edulis*): A Review, 4(1), pp. 27–30.

- Toomey, N., Bolton, D., & Fanning, S. 2010. Characterisation and transferability of antibiotic resistance genes from lactic acid bacteria isolated from Irish pork and beef abattoirs. *Research in microbiology*, 161(2), 127-135.
- Timmerman, H.M., Koning, C.J.M., Mulder, L., Rombouts, F.M. & Beynen, A.C., 2004. Monostrain, multistain and multispecies probiotics—a comparison of functionality and efficacy. *International journal of food microbiology*, 96(3), pp.219-233.
- Walsh, C., 2003. Antibiotics: actions, origins, resistance. *American Society for Microbiology (ASM)*.
- Wedajo, B., 2015. Lactic acid bacteria: benefits, selection criteria and probiotic potential in fermented food. *Journal of Probiotics & Health*, 3(02), p.129.
- Wiegand, I., Hilpert, K. & Hancock, R.E., 2008. Agar and broth dilution methods to determine the minimal inhibitory concentration (MIC) of antimicrobial substances. *Nature protocols*, 3(2), p.163.
- Wolupeck, H. L., Morete, C. A., DallaSanta, O. R., Luciano, F. B., Madeira, H. M. F., & Macedo, R. E. F. D. 2017. Methods for the evaluation of antibiotic resistance in *Lactobacillus* isolated from fermented sausages. *Ciência Rural*, 47(8).
- Wong, A., Saint Ngu, D. Y., Dan, L. A., Ooi, A., & Lim, R. L. H. 2015. Detection of antibiotic resistance in probiotics of dietary supplements. *Nutrition journal*, 14(1), 1-6.
- World Health Organization., 2001. *Health and Nutrition Properties of Probiotics in Food including Powder Milk with Live Lactic Acid Bacteria :Report of a Joint FAO/WHO Expert Consultation on Evaluation of Health and Nutritional Properties of Probiotics in Food including Powder Milk with Live Lactic Acid Bacterial*. WHO.
- Yulinery, T & Nurhidayat, N. 2015. Uji aktivitas antibakteri *Lactobacillus plantarum* terseleksi dari buah markisa (*Passiflora edulis*) dan kaitannya dengan genplantarisin A (pInA). In *Prosiding Seminar Nasional Masyarakat Biodiv Indonesia* (Vol. 1, No. 2, pp. 270-277).
- Yusof, R. M., AK, O. H., & Khaleque, N. H. 2014. Antibiotic Susceptibility of Lactic Acid Bacteria and Bifidobacteria. *Research & Reviews: A Journal of Microbiology & Virology*, 4(2), 7-14.

Zahro, F., 2014. Isolasi dan identifikasi bakteri asam laktat asal fermentasi karkisa ungu (*Passiflora edulis* var. sims) sebagai penghasil eksopolisakarida. *Skripsi*. Universitas Islam Negeri Maulana Malik Ibrahim.