

DAFTAR PUSTAKA

- Anonim. 2001. FAO/WHO Joint Expert Consultation of Health and Nutritional Properties of Probiotics in Food Including Powder Milk with Lactic Acid Bacteria. www.who.int. Diakses tanggal 9 Mei 2015.
- Athennia, A., Tyas, U., Y. Marsono., Endang S, R. 2015. Evaluasi Keamanan Kandidat Probiotik: Efek Pemberian *Lactobacillus plantarum* Dad 13 Dosis Tinggi pada Performa Tikus *Sprague Dawley*. Tesis S2. Program Pasca Sarjana UGM: Yogyakarta. *Unpublish*.
- Ausubel F, M., Brent R., Kingston, R. E. 2002. Short Protocols in Molecular Biology Academy Edition- Wiley Blackwell. California.
- Boddinghaus, B., J. Wolters, W. Heikens, and E.C. Bottger. 1990. Phylogenetic Analysis and Identification of Different Serovars of *Myobacterium* Intracellulare at the Molecular Level. FEMS Microbiology Letter (70) : 197-204.
- Bujalance C., Valera, M. J., Moreno E., Bravo A. R. 2006. A Selective Differential Medium for *Lactobacillus plantarum*. Journal of Microbiology Methods. (66) : 572- 575.
- Carminati D., Giorgio G., Andrea Q., Ana B., Viviana S., and Jorge R. 2010. Advances and Trends in starter Cultures for Dairy Fermentations. Biotechnology of Lactic Acid Bacteria (10), 177- 192
- Corpet, F. 1988. Multiple Sequence Alingment with Hierarchical Clustering. Nucleid Acids Res., 16 (22), 10881- 10890.
- Cukovic-Cavka, S., Likic, R., Francetic, I., Rustemovic, N., Opacic, M., Vucelic, B. 2006. *Lactobacillus acidophilus* as a Cause of Liver Abscess in a NOD2/CARD15-Positive Patient with Crohn's Disease. Digestion (73): 107–110.
- De bruijn, J. Frans. 1992. Use Of Repetitive (Repetitive Extragenic Palindromic and Enterobacterial Repetitive Intergeneric Consensus) Sequences and The Polymerase Chain Reaction To Fingerprint The Genomes of Rhizobium Meliloti Isolates and Other Soil Bacteria. Appl. Enviroment Microbial. 58 (7): 2180-2187.

- de Vrese M, Schrezenmeir J. 2008. Probiotics, Prebiotics, and Synbiotics. *Adv Biochemical Engineering/ Biotechnol*; (111):1–66.
- Emerson D, Liane A, Henry L, and Liping L. 2008. Identifying and Characterizing Bacteria in an Era of Genomic and Proteomics. *21st Century Direction in Biology. Bioscience*. Vol. (58) No.10: 925- 936.
- Felis , G.E. , and Dellaglio , F. 2007. Taxonomy of Lactobacilli and Bifidobacteria . *Curr Issues Intest Microbiol* (8) , 44 – 61 .
- Fuller R. 1989. Probiotics in Man and Animals. *Journal of Applied Bacteriology* (66) : 365 - 378.
- Gillis M, Vandamme P, De Vos P, Swings J, Kersters K. 2001. Polyphasic Taxonomy. in Boone DR, Astenholtz RW, eds. *Bergey's Manual of Systematic Bacteriology*, vol. 1. New York: Springer. 43–48
- Ha, G.Y., Yang, C.H., Kim, H., Chong, Y., 1999. Case of Sepsis Caused by *Bifidobacterium longum*. *J. Clinical Microbiology*. 37, 1227–1228.
- Hall, B.G. 2013. Building Phylogenetic Trees from Molecular Data with MEGA. *Molecular Biology Evolution*. 30(5):1229–1235.
- Harmayani. E, Ngatirah, Endang.S. Rahayu, dan Tyas Utami. 2001. Ketahanan dan Viabilitas Probiotik Bakteri Asam Laktat Selama Proses Pembuatan Kultur Kering dengan Metode *Freeze* dan *Spray Drying*. *Jurnal, Teknologi dan Industri Pangan*, Vol.XII, (2) 126- 132.
- Holt, J.G., N.L. Krieg., P.H.A. Sneath., J.T.Staley and S.T. Williams. 1994. *Bergey's Manual of Determinative Bacteriology*, 9th Edition. Williams and Wilkins, Maryland, USA.
- Hughes D. B. and Hoover D. G. 1991. Bifidobacteria: Their Potential for Use in American Dairy Products. *Food Technology* (4): 74- 80.
- Kapur, V., L.L. Li, M.R. Hamrick. 1995. Rapid Mycobacterium species Assignment and Unambiguous Identification of Mutations Associated with Antimicrobial Resistance in *Mycobacterium tuberculosis* by Automated DNA Sequencing. *Archives of Pathological Laboratory Medicine* (119): 131 - 138.

- Klein , G. , Pack , A. , Bonaparte , C. , and Reuter , G. 1998. Taxonomy and Physiology of Probiotic Lactic Acid Bacteria . International Journal Food Microbiology (41): 103 – 125 .
- Konings, W.N., Kok, J., Kuipers, O.P. and Poolman, B. 2000. Lactic Acid Bacteria: the Bugs of the New Millennium. Current Opinion in Microbiology 3 (3): 276-282.
- Lawalata, HJ., Sembiring, L., and Rahayu ES. 2011. Molecular Identification of Lactic Acid Bacteria Producing Antimicrobial Agents from Bakasang, an Indonesian Traditional Fermented Fish Products. Indonesian Journal of Biotechnology, December, 16 (2): 93-99
- Lee, G. 2013. Ciprofloxacin Resistance in *Enterococcus faecalis* Strains Isolated from Male Patients with Complicated Urinary Tract Infection. Korean Jurnal of Urology (54): 388- 393.
- Lourens-Hattingh A., and Viljoen B.C. 2001. Yogurt as Probiotic Carrier Food. Review. International Dairy Journal (11):1-7.
- Lucke, F.K and U.Schillinger. 1987. Identification of Lactobacilli from Meat and Meat Products. Food Microbiology (4): 199-208.
- Ludwig , W. , and Schleifer , K.H. 1994. Bacterial phylogeny based on 16S and 23S rRNA Sequence Analysis . FEMS Microbiol Review (15): 155 – 173 .
- Martin B., Humbert O., Camara M., Guenzi E., Walker J., Mitchell T., Andrew P., Prudhomme M., Alloing G., Hakenbeck R., Morrison D. A., Boulnois G. J., Claverys J-P. 1992. A Highly Conserved Repeated DNA Element Located in the Chromosome of *Streptococcus pneumoniae*. Nucleic Acid Res. (20): 3479- 3483.
- Masco L., Huys G., Gervers D., Verbruggen L., and Swings J. 2003. Identification of Bifidobacterium Spesies Using rep- PCR Fingerprinting Journal of Systematical and Applied Microbiology (26): 557- 563.
- Murray, R.G.E. and E. Stackebrandt. 1995. Taxonomic Notes: Implementation of the Provisional Status Candidatus for Incompletely Describes

- Procaryotes. *International Journal of Systematic Bacteriology* 45: 186-187.
- Nei M, Kumar S. 2000. *Molecular Evolution and Phylogenetics*. New York: Oxford University Press.
- Noda H, Akasaka N, and Ohsug M. 1994. Biotin Production by Bifidobacteria. *J. Nutrition Science Vitaminology* (40):181–188.
- Otieno, D. O. 2011. *Biology of Prokaryotic Probiotics*, In M. T. Liong (ED.) *Probiotics, Microbiology Monograph*. Springer- Verlag. Berlin. Vol (21): 1- 25.
- Pramono, YB., Rahayu, ES., Suparmo, dan Utami, T. 2008. Isolasi dan identifikasi bakteri asam laktat pada fermentasi petis daging tradisional. *Jurnal Pengembangan Peternakan Tropis*, 33(4):319-323
- Presterl, E., Kneifel, W., Mayer, H.K., Zehetgruber, M., Makristathis, A., Graninger, W. 2001. Endocarditis by *Lactobacillus rhamnosus* Due to Yogurt Ingestion Scand. *Journal Infection Dis.* (33): 710–714.
- Rahayu, ES. 2003. Lactic Acid Bacteria in Fermente Foods of Indonesian Origin. *Agritech* 23 (2): 75-84
- Rahayu ES, Yogeswara A, Mariyatun, Haryono P, Utami S. Utami T. Nurfiyani S, Cahyanto MN. 2013. Bakteri Asam Laktat Indigenous Berpotensi Probiotik dan Aplikasinya untuk Produksi Susu Fermentasi. Prosiding seminar RISTEK. Jakarta 7-8 November 2013.
- Rahayu ES, Tyas.U, Mariyatun, Martinus .A.S, Pri.H, Jaka.S, Isti.K, Sri.N, Muhammad.N.C. 2014. Pengaruh Susu Fermentasi *L. plantarum* Dad13 terhadap Mikrobiota Feses Orang Indonesia Dewasa Sehat. Prosiding seminar RISTEK. Jakarta 1-2 Oktober 2014.
- Rohlf, F.J., 2000. *Numerical Taxonomy and Multivariate Analysis System*, Version 2.1. Department of Ecology and Evolution, State University of New York.
- Ros, C. and K. Belak. 1996. Detection and Identification of Mycobacteria in Formalin-Fixed, Paraffin-Embedded Tissues by Nested PCR and Restriction Enzyme Analysis. *Journal of Clinical Microbiology* 34: 2351: 2355.

- Saavedra J. M. 1995. Microbes to Right Microbes: A Not so Novel Approach to Controlling Diarrheal Disease. 160 J. S. Zhou et al. Journal of Pediatric Gastroenterology and Nutrition (21): 125- 129.
- Salminen , S. , and Deighton , M. 1992. Lactic Acid Bacteria in Thegut in Normal and Disordered States . Digestion Disorientation (**10**) , 227 – 238 .
- Salminen, S., VonWright, A., Morelli, L., Marteau, P., Brassard, D., DeVos, W.M., Fonden, R., Saxelin, M., Collins, K., Mogensen, G., Birkeland, S.E., Mattila-Sandholm, T. 1998. Demonstration of Safety of Probiotics—A Review. International Journal of Food Microbiology: (44): 93–106.
- Salminen, M.K., Rautelin, H., Tynkkynen, S., Poussa, T., Saxelin, M., Valtonen, V., Järvinen, A. 2004. Lactobacillus Bacteremia, Clinical Significance, and Patient Outcome, with Special Focus on Probiotic *L. rhamnosus* GG. Clin. Infect. Dis. (38): 62–69.
- Sanders ME. 1999. Probiotics - A Publication of the Institute of Food Technologists' Expert Panel on Food Safety and Nutrition. Food Technology 53(11):67-77.
- Saxelin M, Chuang N-H, Chassy HR, Makela PH, Salminen S, Gorbach L. 1999. Lactobacilli And Bacteremia In Southern Finland. Clinical Infectious Disease: 22:564–6.
- Smith, Neil C, Judy Hennesi and David E. Stead. 2001. Repetitive Sequence Derived PCR Profiling Using the BOX-A1R Primer for Rapid Identification of the Plant Pathogen *Clavibacter michiganensis* subspecies *sepedoniass*. Central Science Laboratory, Sand Hutton. (107) 739-748.
- Snydman, D. 2008. The Safety of Probiotics. Clinical Infectious Diseases: (46): S104–11.
- Soini, H., E.C. Bottger, and M.K. Viljanen. 1994. Identification of Mycobacteria by PCR-Based Sequence Determination of the 32- Kilodalton Protein Gene. Journal of Clinical Microbiology (32): 2944-2947.
- Stackebrandt, E. and B.M. Goebel. 1995. A Place for DNA-DNA Reassociation and 16S rRNA Sequence Analysis in the Present Species Definition in

- Bacteriology. International Journal of Systematic Bacteriology (44): 846- 849.
- Suhartatik, N., Cahyanto, M. N., Rahardjo, S., Miyashita, M. And Rahayu, E, S. 2014. Isolation and Identification of Lactic Acid Bacteria Producing β Glucosidase from Indonesian Fermented Foods. International Food Research Journal 21(3): 937- 942.
- Sumaryati, B. T., Utami, T., Suparmo. 2009. Pengaruh Infeksi *Escherichia coli* dan Pemberian *Lactobacillus plantarum* Dad 13 terhadap Mikrobiota Feses Tikus Wistar, Agritech, (29):165-170.
- Tajabadi. N, Mardan, M. Nazamid. S, Shuhaimi. M, Rasoul.B, dan Mohd Yazid.A. M. 2013. Identification of *Lactobacillus pentosus* and *Lactobacillus fermentum* from Honey Stomach of Honeybee. Brazilian Journal of Microbiology 44, (3): 717- 722.
- Tamura K, Peterson D, Peterson N, Stecher G, Nei M, Kumar S. 2011. MEGA5: Molecular Evolutionary Genetics Analysis Using Maximum Likelihood, Evolutionary Distance, and Maximum Parsimony Methods. Molecular Biology Evolution. 28:2731–2739.
- Tsai, C.C, Sew-fen Leu, Quan-Rong.H, Lan-Chun .C, Chun-Chih .H. 2014. Safety Evaluation of Multiple Strain of *Lactobacillus plantarum* and *Pediococcus pentosaceus* in Wistar Rats Based on the Ames Test and a 28 –Day Feeding Study. 1-9
- Utami, T, Sumaryati, B.T, Harmayani, E, Suparmo. 2010^a. Potency of *Lactobacillus plantarum* Dad 13, Inulin and its Combination to Prevent Diarrhea Caused by Pathogenic *Escherichia coli* in Wistar Rats. International Seminar Emerging Issues and Technology Developments in Foods and Ingredients. September 29-30, 2010, Jakarta
- Utami,T, Sumaryati, B.T, Suparmo . 2010^b. Effects of *Lactobacillus plantarum* Dad 13, Inulin and its Combination on Fecal Short Chain Fatty Acid Profile of Wistar Rats. Prosiding pada International Conference, Exhibition and Short Course on “Nutraceuticals and Functional Foods” October 11-15, 2010, Bali, Indonesia.

- Vandamme B, Pot B, Gillis M, de Vos P, Kersters K, Swings J. 1996. Poly phasic Taxonomy, a Consensus Approach to Bacterial Systematics. *Microbiological Reviews* (60): 407–438.
- Ventura. M and Ralf. Z.2002.Spesific Identification and Molecular Typing Analysis of *Lactobacillus jhonsonii* by Using PCR-based Methods and Pulse-Field Gel Electrophoresis. *FEMS Microbiology Letters* (217): 141-154.
- Versalovic James, Maria.S, Frans J, de Bruijn and James R. L. 1994. Genomic Fingerprinting of Bacteria Using Repetitive Squence- Based Polymerase Chain Reaction. *Methods in Molecular Biology* (5): 25-40.
- Wallet, F., Dessein, R., Armand, S., Courcol, R.J. 2002. Molecular Diagnosis of Endocarditis due to *Lactobacillus casei subsp. rhamnosus*. *Clinical Infection Disorientation* (35): 117–119
- Yakabe T, Moore E.L., Yokota S., Sui H., Nobuta Y., Fukao M., Palmer H., Yajima N. 2009. Safety Assesment of *Lactobacillus brevis* KB290 as a Probiotic Strain. *Journal of Food and Chemical Toxicology* (47): 2450- 2453
- Yogeswara, I.B.A. 2011. Potensi Bakteri Asam Laktat Isolat Lokal sebagai Agenia Probiotik dan Ketahanannya Pada Proses *Spray Drying*. Tesis S2 . Universitas Gajah Mada. Yogyakarta
- Zé-Zé, L., Tenreiro, R., Duarte, A., Salgado, M.J., Melo-Cristino, J., Lito, L., Carmo, M.M., Felisberto, S., Carmo, G. 2004. Case of Aortic Endocarditis Caused by *Lactobacillus casei*. *Journal Media Microbiology* (53): 451–453.
- Zhou, J.S, Q,Shu, K.J, Rtherfurd, J.Prasad, P.K Gopal and H.S Gill. 2000. Acute Oral Toxicity and Bacterial Translocation Studies on Potentially Probiotic Strains of Lactic Acid Bacteria. *Food and Chemical Toxocology* (38): 153- 161