



DAFTAR PUSTAKA

- Abee, T.; Rombouts, F.M.; Hugenholtz, J.; Guihard, G.; dan Letellier, L. 1994. Mode of Action of Nisin Z Against *Listeria monocytogenes* Scott A Grown at High and Low temperature. *Appl. Environ. Microbiol.* 60: 1962 – 1968.
- Axelsson, L. 1998. Lactic Acid Bacteria: Classification and Physiology. dalam Salminen, S. dan Wright, Av. 1998. *Lactic Acid Bacteria: Microbiology and Functional Aspects*. 2nd Edition. Marcel Dekker, Inc., New York.
- Barefoot dan Klaenhammer, T.R. 1984. Purification and Characterization of the *Lactobacillus acidophilus* bacteriocin lactacin B. *Antimicrobial Agents Chemotherapy*. 26: 328 – 334.
- Biswas, S.R.; Ray, P.; Johnson, M.C. dan ray, B. 1991. Influence of Growth Conditions on the Production of a Bacteriocin, pediocin AcH, by *Pediococcus acidilactici* with Broad inhibitory Spectrum. *Appl. Environ. Microbiol.* 57 (4): 1265 – 1267.
- Bukhtiyarova, M.; Yang, R.R. dan Ray, B. 1994. Analysis of the Pediocin AcH Gene Cluster from Plasmid pSMB74 and Its Expression in Pediocin-negative *Pediococcus acidilactici* strain. *Appl. Environ. Microbiol.* 60: 3405 – 3408.
- Chen, J.C.P. dan Chou, C. 1993. *Cane Sugar Handbook*. 12th Edition, John Wiley & Sons, Inc., New York.
- Crueger, W. dan Crueger, A. 1984. *Biotechnology: A Textbook of Industrial microbiology*. Science Tech., Inc., Madison.
- Daba, H.; Pandian, S.; Gosselin, J.J.; Simard, R.E.; Huang, J. dan Laeroix, C. 1991. Detection and Activity of a Bacteriocin Produced by *Leuconostoc mesenteroides*. *Appl. Environ. Microbiol.* 57: 3450 – 3455.
- Daeschel, M.A. 1989. Antimicrobials Substances from Lactic Acid bacteria for Use as Food Preservatives. *Food tech.* (1) 1989: 164 – 167.
- Dellaglio, F.; Dicks, L.M.T.; dan Torriani, S. 1992. The Genus *Leuconostoc*. dalam Wood, B.J.B. dan Holzapfel, W.H. 1992. *The Lactic acid Bacteria Vol.2:*



The Genera of Lactic Acid Bacteria. Blackie Academic & Professional, London.

- Demirci, A.; Parnetto III, A.L.; Lee, B. dan Hinz, P.N. 1998. Media Evaluation of Lactic Acid Repeated-Batch Fermentation with *Lactobacillus plantarum* and *lactobacillus casei* subsp. *rhamnosus*. J. Agric. Food Chem. 46: 4771 – 4774.
- Frazier, W.C. dan Westhoff, D.C. 1988. Food Microbiology. Fourth Edition. McGraw –Hill Book company, New York.
- Gonzales, C.F. dan Kunka, B.S. 1987. Plasmid-associated Bacteriocin Production and Sucrose Fermentation in *Pediococcus acidilactici*. Appl. Environ. Microbiol. 53: 2534 – 2538.
- Hariander, S.K. 1993. Regulatory Aspects of Bacteriocin Use. dalam Hoover, G.H. dan Steenson, L.R. (editor). Bacteriocins of Lactic Acid Bacteria. Academic Press, Inc., San Diego.
- Hodge, H.M. dan Hilderbrandt, F.M. 1954. Alcoholic Fermentation of molasses. dalam Underkofler, L.A. dan Hickey, R.J. 1954. industrial Fermentations. Chemical publishing Co., Inc., new York.
- Hoover, G.H. dan Steenson, L.R. 1993. Bacteriocins of Lactic Acid Bacteria. Academic Press, Inc., San Diego.
- Jack, R.W.; Tagg, J.R. dan Ray, B. 1995. Bacteriocins of Gram-positive Bacteria. Microbiological reviews 59 (2): 171 – 200.
- Jimenes-Diaz,R.; Ruiz-Barba, J.I.; Catchcart, D.P. 1995. Purification and Partial Amino Acid Sequence of Plantaricin S, a Bacteriocin produced by *Lactobacillus plantarum* LPCO 10, the Activity of which Depend on the Complementary Action of Two Peptides. Appl. Environ. Microbiol. 61: 4459 – 4463.
- Kanatani, K. , Oshimura, M. 1994. Plasmid Associated Bacteriocin production by a *Lactobacillus plantarum* strain. Biosci. Biotech. Biochem. 58: 2084 – 2086.
- Kanatani, K. , Oshimura, M. dan Sano, K. 1995. Isolation and Characterization of Acidocin A and Cloning of the Bacteriocin Gene from *Lactobacillus acidophilus*. Applk. Environ. Microbiol. 61: 1061 – 1067.



- Lewus, C.B.; Sun, S. dan Montville, T.J. 1992. Production of an Amylase-sensitive Bacteriocin by an Atypical *Leuconostoc paramesenteroides* strain. Appl. Environ. Microbiol. 58: 143 – 149.
- Mathur, R.B.L. 1975. Handbook of Cane Sugar Technology. Oxford & IBM Publishing Co., New York.
- McAuliffe, O.; Ryan, M.P.; Ross, R.P.; Hill, C.; Breeuwer, P. dan Abee, T. 1998. Lacticin 3147, a Broad Spectrum Bacteriocin Which Selectively Dissipates the Membrane Potential. Appl. Environ. Microbiol. 64: 439 – 445.
- Montville, T.J. dan Kaiser, A.L. 1993. Antimicrobial Proteins: Classification, Nomenclature, Diversity, and Relationship to Bacteriocins. dalam Hoover, G.H. dan Steenson, L.R. (editor). Bacteriocins of Lactic Acid Bacteria. Academic Press, Inc., San Diego.
- Mortvedt-Abilgaard, C.I.; Nissen-Meyer, J.; Jelle, B.; Grenov, B.; Skaugen, M. dan Nes, I.F. 1995. Production of pH-dependent Bacterial activity of Lactocin S., a lantibiotic from *Lactobacillus sake* L 45. Appl. Environ. Microbiol. 61: 175 – 179.
- Muriana, P.M. dan Luchansky, J.B. 1993. Biochemical Methods for Purification of Bacteriocins. dalam Hoover, G.H. dan Steenson, L.R. (editor). Bacteriocins of Lactic Acid Bacteria. Academic Press, Inc., San Diego.
- Nurhartadi, E. 1999. Produksi Bacteriosin oleh *Leuconostoc* SM 22 pada Berbagai Media Fermentasi. Skripsi S-1. Jurusan Teknologi Hasil Pertanian Fakultas Teknologi Pertanian UGM, Yogyakarta.
- Ray, B; Motlagh, A.; Johnson, M.C. dan Bozuglu, F. 1992. Mapping of pSMB74, a Plasmid-encoding Bacteriocin, Pediocin AcH, Production (Pap+) by *Pediococcus acidilactici* H. Letters in Applied Microbiol. 15: 35 – 37.
- Riviera, J. 1977. Industrial Applications of Microbiology. Surrey University Press in Association with International Textbook Company, London.
- Roukas, T. 1991. Production of Citric Acid from Beet Molasses by Immobilized Cells of *Aspergillus niger*. J. Food Science 56 (3): 878 – 880.
- Scannel, A.G.M.; Ross, R.P.; Hill, C. dan Arendt, E.K. 2000. An Effective Lacticin Biopreservatives in Fresh Pork Sauge. J. Food Protect. 63 (3): 370 – 375.



- Stamer, J.R., 1979. **The Lactic Acid Bacteria: Microbes of Diversity**. J. Food Tech. 1: 60 – 65.
- Stiles, M.E. 1993. **Bacteriocins from *Carnobacterium* and *Leuconostoc***. dalam Hoover, G.H. dan Steenson, L.R. (editor). **Bacteriocins of Lactic Acid Bacteria**. Academic Press, Inc., San Diego.
- Tagg, J.R.; Dajani, A.S.; dan Wannamaker, L.W. 1976. **Bacteriocins of Gram-Positive Bacteria**. *Bacteriol. Rev.* 40: 722 dalam Daeschel, M.A. 1989. **Antimicrobials Substances from Lactic Acid bacteria for Use as Food Preservatives**. *Food tech.* (1) 1989: 164 – 167.
- Underkofler, L.A. dan Hickey, R.J. 1954. **industrial Fermentations**. Chemical publishing Co., Inc., new York.
- Wood, B.J.B. dan Holzappel, W.H. 1992. **The Lactic acid Bacteria Vol.2: The Genera of Lactic Acid Bacteria**. Blackie Academic & Professional, London.
- Yang, R. dan Ray, B. 1994. **Factors influencing Production of Bacteriocins by Lactic Acid bacteria**. *Food Microbiol.* 11: 281 – 291.
- Yang, R.; Johnson, M.C. dan Ray, B. 1992. **Novel Method to Extract large Amounts of Bacteriocins from Lactic Acid Bacteria**. *Appl. Environ. Microbiol.* 10: 3355 – 3359.