

## DAFTAR PUSTAKA

- Ali, A. 2000. Probiotics in fish farming-evaluation of a candidate bacteria mixture. PhD thesis. Uppsala: Swedish University of Agriculture Science.
- Aly E. A. A. 2007. Characterization of a Bacteriocin-Like Inhibitory Substance Produced by *Lactobacillus plantarum* Isolated from Egyptian Home-Made Yogurt. *Journal of Science Asia*, 33: 313-319
- Aly, S. M., Y. A. G. Ahmed, A. A. A. Ghareeb and M. F. Mohamed. 2008. Studies on *Bacillus subtilis* and *Lactobacillus acidophilus*, as potential probiotics, on the immune response and resistance of *Tilapia nilotica* (*Oreochromis niloticus*) to challenge infections. *Journal of Fish and Shellfish Immunology*, 25: 128-136.
- Aoki, T. 1999. Motile aeromonads (*Aeromonas hydrophila*). Laboratory of Genetics and Biochemistry. Department of Aquatic Biosciences, Tokyo University of Fisheries. *Eds. Woo, P.T.K. Bruno, D.W. Wallingford. Fish diseases and disorders*, 3: 427-453.
- Austin, B. and D.A. Austin, 2007. *Bacterial Fish Pathogens. Diseases of Farmed and Wild Fish*. Fourth Edition. Praxis Publishing. Chichester. UK.
- Black JG. 1999. *Microbiology Principles and Exploration*. Ed ke-4. New York: John Wiley and Sons.
- Darmanto. 2003. Respon kebal ikan mas koki (*Carassius aratus L.*) melalui vaksinasi dan immunostimulan terhadap infeksi bakteri *Aeromonas hydrophila*. (Tesis). Program Pasca Sarjana. Institut Pertanian Bogor.
- Dept. Microbiology, Cornell University:  
<http://www.cornell.edu/reaseach/endospore2.htm>. Diakses 2012-09-12
- Deputi Menegristek Bidang Pendayagunaan dan Pemasyarakatan Ilmu Pengetahuan dan Teknologi. 2000, *Budidaya ikan Nila*  
<http://www.ristek.go.id>: Diakses 2012-09-12
- Diaz, R. J. N., J. L. R. Barba, D. P. Cathcart, H. Holo, I. F. Nes, K. H. Sletten and P. J. Warner. 1995. Purification and Partial Amino Acid Sequence of Plantaricin S, a Bacteriocin Produced by *Lactobacillus plantarum* LPCO10, the Activity of Which Depends on the Complementary Action of Two Peptides. *Applied And Environmental Microbiology*, 61 (12): 4459-4463
- Dinas Perikanan dan Kelautan Provinsi Jawa Timur, 2011. *Data statistik Ekpor Hasil Perikanan Jawa Timur*.

- Ernawati. 2010. Isolasi dan Identifikasi Bakteri Asam Laktat Pada Susu Kambing Segar. Skripsi, Jurusan Biologi Universitas Islam Negeri Maulana Malik Ibrahim Malang. 100 hal
- Fuller, R., 1989. Probiotics in man and animals, a review. *Journal Appl. Bacteriol.* 66, 365–378.
- Gil, B. G., A. Roque and J. F. Turnbull. 2000. The use and selection of probiotic bacteria for use in the culture of larval aquatic organisms. *Journal Of Aquaculture*, 191: 259–270
- Handayani, H. dan S. Samsundari. 2005. Parasit dan Penyakit Ikan. UMM Press. 202 hal
- Hardwood, C.R. and A. R. Archibald. 1990. Growth, maintenance and general techniques. Ed. C.R.Harwood and S.M. cutting. *Molecular biological methods for bacillus*, 1-23. p.
- Hardiningsih, R., R. Nonta, R. Napitupulu dan T. Yulinery. 2005. Isolasi dan Uji Resistensi Beberapa Isolat *Lactobacillus* pada pH Rendah. Bidang Mikrobiologi, Pusat Penelitian Biologi, Lembaga Ilmu Pengetahuan Indonesia (LIPI), Bogor . *Jurnal Biodiversitas*, 7 (1): 15-17
- Hatmanti, A. 2000. Pengenalan *Bacillus* Spp. Balitbang Lingkungan Laut, Puslitbang Oseanologi-LIPI. *Journal Oseana*, 25 (1): 31-41
- Holo, H. Z Jeknic, M Daeschel, S. Stevanovic and I. F. Nes. 2001. Plantaricin W from *Lactobacillus plantarum* belongs to a new family of two peptide lantibiotics - Soc General Microbiol. *Journal of Microbiology*, 147 (3): 643-651
- Holt J.G., N.R. Krieg, P. H. A. Sneath, J. T. Stayley and S. T. Williams. 1993. *Bergey's manual of determinative bacteriology*. (eds) Williams & Wilkins, Baltimore
- Holt. G., Kreig, N.R., Sneath, P.H.A., Stanley, J.T. & Williams, S.T. 2000. *Bergey's Manual Determinative Bacteriology*. Baltimore: Williamn and Wilkins Baltimore.
- Jack RW, Tagg JR, Ray B. 1995. Bacteriocin of Gram positive bacteria. *Journal Microbiol*, 59:171-200.
- Jones, L. J. F., R. C. L. Pez and J. Errington. 2001. Control of Cell Shape in Bacteria: Helical, Actin-like Filaments in *Bacillus subtilis*. *Journal Cell*, 104: 913–922.

- Kannan, M., R. Karunakaran, V. Balakrishnan and T.G. Prabhakar. 2005. Influence of probiotics supplementation on lipid profile of broilers. *Int. Journal Poultry Sci.*, 4 (12): 994-997.
- Khairuman dan K. Amri. 2003. *Budi Daya Ikan Nila secara Intensif*. Agro Media Pustaka. Jakarta.
- Kordi K dan H. Ghufuran. 2004. *Penanggulangan Hama dan Penyakit*. Jakarta. Penerbit Bina Adiaksara.
- Kordi K dan H. Ghufuran. 2010. *Budi daya ikan Nila di kolam terpal*. Yogyakarta. Penerbit Lily Publisher.
- Kim, P. I., M. Y. Jung, Y. H. Chang, S. Kim, S. J. Kim and Y. H. Park. 2007. Probiotic properties of *Lactobacillus* and *Bifidobacterium* strains isolated from porcine gastrointestinal tract. *Appl Microbiol Biotechnol*, 74:1103–1111
- Kunkel, D. 2008. *Image Bacillus pumilus*. Dennis Kunkel Microscopy, Inc. Visuals Unlimited.
- Liu, H., P. Jiravanichpaisal, L. Cerenius, B. L. Lee, I. Söderha and K. Söderha. 2007. Phenoloxidase Is an Important Component of the Defense against *Aeromonas hydrophila* Infection in a Crustacean, *Pacifastacus leniusculus*. *The Journal Of Biological Chemistry*, 282 (46): 33593–33598
- Merino, S. and J. M Tomás. 2010. *Bacterial Capsules and Evasion of Immune Responses*. University of Barcelona, Barcelona, Spain
- Milton, J.. 2010. Bacteria can drive the evolution of new species Symbiotic organisms influence fruitfly mate choice. *News, International weekly Journal of science*. <http://www.nature.com>. 02/08/2012
- Mulyono, R. Murwani dan F. Wahyono. 2009. Kajian Penggunaan Probiotik *Saccharomyces cereviceae* Sebagai Alternatif Aditif Antibiotik Terhadap Kegunaan Protein dan Energi Pada Ayam Broiler. *Journal Indon. Trop. Anim. Agric.*, 34 (2): 145-151.
- Naiborhu PE. 2002. Ekstraksi dan manfaat ekstrak mangrove (*Sonneratia alba* dan *Sonneratia caselaris*) sebagai bahan alami antibakterial pada patogen udang windu *Penaeus monodon*, *Vibrio harveyi*. (Tesis). Program Studi Ilmu Perairan. Institut Pertanian Bogor.
- Priliani, A.. 2008. Karakterisasi Fisiologi dan Identifikasi Molekuler Isolal-isolal *Bacillus* sp. Penghasil Baklenosin Asal Tambak Udang. Skripsi. Jurusan

Biologi Fakultas Matematika dan Ilmu pengetahuan alam. Institut Pertanian Bogor. Bogor.

Rahayuningtyas, N.. 2011. Uji Aktivitas Antibakteri Isolat *Lactobacillus* intam dari Buah-Buahan Tropis dan Kaitannya dengan Ekspresi Gen *plantaricin*. Skripsi. Jurusan Biologi Fakultas Matematika dan Ilmu pengetahuan alam. Institut Pertanian Bogor. Bogor.

Rostika,R..2010. Probiotik Basis Ilmiah, Aplikasi dan Aspek Praktis dalam Probiotik untuk Ikan.Widya Padjadjaran. Bandung. 238 (202).

Rukmana, I. H. R. 1997. Ikan Nila, Budi Daya dan Aspek Agribisnis. penerbit Kanisius. Yogyakarta

Saanin, H.1984. Taksonomi dan Kunci Identifikasi Ikan (1 dan 2). Bina Cipta. Jakarta.

Saitanu, K. 1986. *Aeromonas hydrophila* infections in Thailand. First Asian fisheries forum. p. 231-234.

Samsudari. dan Wahyudi 2008. Bugar Dengan Susu Fermentasi. UMM Press. Malang.

Slamet Sudarmadji dan Kuswanto, K.R. 1988,.. Proses-proses Mikrobiologi Pangan. PAU Pangan dan Gizi Universitas Gadjah Mada. Yogyakarta.

Slepecky RA. Henphill HR. 1992. The Genus *Bacillus*-nonmedical. Eds: Balows A., H. G. Trupper, M. Dworkin, W. Harder and K. H. Schleifer. The Prokaryotes. Ed ke-2. New York: Springer Verlag. him 1662-1696.

Stein T. 2005. *Bacillus subtilis* antibiotics: structures, syntheses and specific functions. Journal of Molecular Microbiology 56 (4): 845— 857.

Suparnika I. 2007. Aktivitas antimikrob *Bacillus* sp. yang diisolasi dari tambak udang. Skripsi. Fakultas Matematika dan Ilmu Pengetahuan Alam. Institut Pertanian Bogor.

Suarsana, I. N. 2000. Isolasi dan Karakterisasi Substansi Antimikroba yang Dihasilkan oleh Bakteri yang Diisolasi dari Susu Sapi Mastitis. Tesis. Program Pascasarjana. Institut Pertanian Bogor. 92 hal.

Touraki, T. G. Karamanlidou, P. Karavida and K. Chrysi. 2012Evaluation of the probiotics *Bacillus subtilis* and *Lactobacillus plantarum* bioencapsulated in *Artemia nauplii* against vibriosis in European sea bass larvae (*Dicentrarchus labrax*, L.). World Journal Microbiol Biotechnol, 28:2425–2433.

Visser, R., W. H. Holzapfel, J. J. Bezuidenhout And J. E. M. Kotze. 1986. Antagonism of Lactic Acid Bacteria against Phytopathogenic Bacteria. *Applied And Environmental Microbiology*, 52 (3): 552-555

WARINTEK - Menteri Negara Riset dan Teknologi, Teknologi Tepat Guna Budidaya Perikanan Copyright © 2005, IPTEKnet. All rights reserved Office : BPPT, Gd.1 - Lt.16 , Jl. M.H. Thamrin 8, Jakarta 10340 Technical Support (021)71112109; Customer Care 081389010009; Fax. (021)3149058, diakses 2012-09-24.

Yardimci, B. and Y. Aydin. 2011 Pathological findings of experimental *Aeromonas hydrophila* infection in Nile tilapia (*Oreochromis niloticus*). *Ankara Ünrv Vet Fak Derg*, 58: 47-54.