

DAFTAR PUSTAKA

- Affrianto, E., & Liviawaty E. 1992. Pengendaliah Hama & Penyakit Ikan. Penerbit : Kanisius : Yogyakarta
- Aguilera-Arreola MG, Hernández-Rodríguez C, Zúñiga G, Figueras MJ, Garduño RA, Castro-Escarpulli G (2007) Virulence potential and genetic diversity of *Aeromonas caviae*, *Aeromonas veronii*, and *Aeromonas hydrophila* clinical isolates from Mexico and Spain: a comparative study. *Can J Microbiol* 53(7):877–887
- Agus G.T.K. 2004. Budidaya Gurami. Jakarta Tim Redaksi Agromedia Pustaka.
- Albert, MJ. 2000. Prevalence of Enterotoxin genes in *Aeromonas* spp. Isolated From Children with Diarrhea, Healthy Controls, and the Environment. *J. of Clin Microbiol.* Oktober 2000, p. 3785-3790. Vol. No. 10 0095-1137/00/\$04.00+0
- BBPAT Sukabumi, www.bbpat.net. [online]. [8 Januari 2012]
- Berkner, H. Rosch, P. & Weiglmeier, P. R. 2010. Cure and Curse: *E. coli* Heat-Stable Enterotoxin and Its Receptor Guanylyl Cyclase C. *Toxins* 2010, 2, 2213-2229; doi:10.3390/toxins2092213 . ISSN 2072-6651
- Brown, 2012. Benson's Microbiological Applications Laboratory Manula in General Microbiology. McGraw-Hill Companies, Inc., 1221 Avene of the Americas, New York
- Cappuccino, J.G. & Sherman, N. (2005). *Microbiology: A Laboratory Manual*. California: The Benjamin Comings Publishing Company.Inc.
- Casco´ n, A., Fregenada, J., Aller, A., Yugueros, J., Temprano, C., Sa´ nchez, M., Rodri´ guez-Aparicio, L. & Naharro, G. (2000a) Cloning, characterization, and insertional inactivation of a major extracellular serine protease gene with elastolytic activity from *Aeromonas hydrophila*. *J Fish Dis* 23, 49–59.
- Chopra, A. K., & C. W. Houston. 1999. Enterotoxins in *Aeromonas* associated gastroenteritis. *Microbes Infect* 1:1129-1137.
- Chopra, A. K., J. Graf, A. J. Horneman, & J. A. Johnson. 2009. Virulence factor-activity relationships (VFAR) with specific emphasis on *Aeromonas* species (spp.). *J Water Health* 7 Suppl 1:S29-54.

- Chopra, A. K., J. W. Peterson, X. J. Xu, D. H. Coppenhaver, & C. W. Houston. 1996. Molecular and biochemical characterization of a heat-labile cytotoxic enterotoxin from *Aeromonas hydrophila*. *Microb Pathog* 21:357-377.
- Chopra, A. K., X. Xu, D. Ribardo, M. Gonzalez, K. Kuhl, J. W. Peterson, & C. W. Houston. 2000. The cytotoxic enterotoxin of *Aeromonas hydrophila* induces proinflammatory cytokine production and activates arachidonic acid metabolism in macrophages. *Infect Immun* 68:2808-2818.
- Cipriano, R. C. G. L. Bullock, & S. W. Pyle. 2001. *Aeromonas hydrophila* And Motile Aeromonad Septicemias Of Fish. Revision of *Fish Disease Leaflet* 68 (1984), "*Aeromonas Hydrophila* And Motile Aeromonad Septicemias Of Fish. U.S. Geological Survey, Leetown Science Center, National Fish Health Research Laboratory. United States Department Of The Interior
- Daling, Z., Aihua, LI, Jianguo, W., Ming, LI., Taozhen, CAI., & Jing HU. 2007. Correlation between the distribution pattern of virulence genes and virulence of *Aeromonas hydrophila* strains. *Front. Biol. China* 2007, 2(2): 176.-179 DOI 10.1007/s11515-007-0024-4
- Desy. 2012. Komunikasi pribadi. Peneliti BRBAT Bogor Jawa Barat
- Draja, A. 2007. Penyakit Bakterial (*Aeromonas hydrophila*) di Kanagarian Lubuk Pandan Kab. Padang Periaman [online]. Tersedia: <http://www.diknassumbar.org>. [8 Januari 2012]
- El-Barbary, M. I. 2010. Some clinical, microbiological and molecular characteristics of *Aeromonas hydrophila* isolated from various naturally infected fishes. *Aquacult Int* (2010) 18:943–954 DOI 10.1007/s10499-009-9315-x
- Fariidah, L., Suharjono, & Sjojfan, O. Isolasi, Karakterisasi dan Pertumbuhan Bakteri dari Sarang Burung Walet (*Collocalia fuchiphaga*) dalam Media Glukosa dan Sukrosa. Jurusan Biologi, FMIPA, dan Jurusan Nutrisi dan Makanan Ternak, Fakultas Peternakan, Universitas Brawijaya, Malang, Indonesia. [online] tersedia : <http://biologi.ub.ac.id/files/2010/12/BSS2010SH.pdf>. [9 Oktober 2012]
- Ferguson, M. R., X. J. Xu, C. W. Houston, J. W. Peterson, D. H. Coppenhaver, V. L. Popov, & A. K. Chopra. 1997. Hyperproduction, purification, and mechanism of action of the cytotoxic enterotoxin produced by *Aeromonas hydrophila*. *Infect Immun* 65:4299-4308.
- Figueredo, H. C. P., Carvalho-Castro, G. A., Lopes C.O., Leal A.A.G., Gardoso, P.G., & Leite, R. C. 2010. Detection of type III secretion system genes in *Aeromonas hydrophila* and their relationship with virulence in Nile tilapia. *Veterinary Microbiology* 144 (2010) 371–376
- Galindo, C. L., J. Sha, A.A. Fadl, L. Pillai, & A.K. Chopra. 2006. Host Immune Responses to *Aeromonas* Virulence Factors. *Current Immunology Reviews*. 2.13-26.

- Gardenia, L., Koesharyani, I., Supriyadi, H., & Mufidah, T., 2010. Aplikasi *Aeromonas hydrophila* Penghasil Aerolysin dengan menggunakan *Polymerase Chain Reaction* (PCR). Prosiding Forum Inovasi Teknologi Akuakultur. Pusat Riset Perikanan Budidaya.
- Hayes J. 2000. *Aeromonas hydrophila*. Spring Tem project. Oregon State University.[online] :<http://osu.orst.edu/>[8 Januari 2012]
- Health, Canada. 2006. Bacterial Waterborne Pathogens-Current & Emerging Organisms of Concern. Prepared by the Federal-Provincial-Territorial Committee on Drinking Water of the Federal-Provincial-Territorial Committee on Health and the Environment
- Heuzenroeder, M.W., Wong, C.Y. & Flower, R.L. 1999 Distribution of two hemolytic toxin genes in clinical and environmental isolates of *Aeromonas spp.*: correlation with virulence in a suckling mouse model. *FEMS Microbiol Lett* 174, 131–136.
- HiMedia Laboratories. Tanpa tahun. RS Medium Base. Technical Data
- Hirono I & T Aoki. 1992. Nucleotide Sequences and Characterization of hemolysin Genes from *aeromonas hydrophila* and *Aeromonas sobaria*. Department of Biological Resources. Faculty of Agriculture. Miyazaki University. Japan *J. microb Pathol.*(13): 433-466
- Joseph, S. W. An Assessment of the Role of Enterotoxin(s) and Virulence Associate Featured in *Aeromonas* Infection. Final Report. Covering Period: 7-24-89 to 12-31-90 Submitted to the Office of the Science Advisor U.S. Agency for International Development
- Kingombe, C.I., D'Aoust, J., Huys, G., Hofmann, L., Rao, M., & Kwan, J. Multiplex PCR Method for Detection of Three *Aeromonas* Enterotoxin Genes. *Applied And Environmental Microbiology*, Jan. 2010, p. 425–433 Vol. 76, No. 2
- Kingombe, C.I., Huys, G., Tonolla, M., Albert, M.J., Swings, J., Peduzzi, R. & Jemmi, T. (1999) PCR detection, characterization, and distribution of virulence genes in *Aeromonas spp.* *Appl Environ Microbiol* 65, 5293–5302.
- Kurniadie, F. 2005. Uji Resistensi Ikan Gurame (*Ospormenus gouramy*) Terhadap Bakteri *Aeromonas hydrophila* Menggunakan Metode Rendaman. Skripsi. Jurusan Pendidikan Biologi. FPMIPA. Universitas Pendidikan Indonesia. Bandung: tidak diterbitkan
- Lee, Y. Lee, S. Kim, S., & Oh, Y., 2000. Characterization of *Aeromonas hydrophila* Isolated from Rainbow Trouts in Korea. *The Journal of Microbiology*, March 2000, p.1-7 Vol. 38, No. 1

- Li, J., Ni, X.D. Liu, Y.J. & LU, C.P. 2010. Detection of three virulence genes *alt*, *ahp* and *aerA* in *Aeromonas hydrophila* and their relationship with actual virulence to zebrafish. *Journal of Applied Microbiology* ISSN 1364-5072 a 2011
- Lusiastuti, A. M. & Hadie, W. 2010. Penggunaan *Aeromonas hydrophila* : Pengaruhnya terhadap Sintasan dan Imunitas Larva Ikan Patin (*Pangasionodon hypothalamus*). *Berita Biologi* 10(2)-Agustus 2010
- MacFaddin J. F., 1985, *Media for Isolation-Cultivation-Identification-Maintenance of Medical Bacteria*, Vol. I, Williams and Wilkins, Baltimore.
- Majumder, S., Majumdar, T., Datta, S., Ghosh, D., Dutta, S., Chakraborty, A., Goswami, R., 2007. Role of virulence plasmid of *Aeromonas hydrophila* in the pathogenesis of ulcerative disease syndrome in *Clarias batrachus*. *Indiana Journal of Biochemistry & Biophysics* Vol 44 October 2007, pp. 201-406
- Martin, 2004. *Aeromonas hydrophila*. [online] Tersedia: http://web.mst.edu/~microbio/BIO221_2004/A_hydrophila.htm [8 Januari 2012]
- Meita, W. 2005. Uji resistensi Ikan Gurame (*Osphronemus gouramy*) yang Resisens dan sensitif Terhadap Bakteri *Aeromonas hydrophila* dengan Metode Injeksi peroral. Skripsi Jurusan Pendidikan Biologi FPMIPA Universitas Pendidikan Indoensia Bandung : tidak diterbitkan
- Murtidjo Bambang A. 2001. *Beberapa Metode Pembenuhan Ikan Air Tawar*. Kanisius. Yogyakarta.
- Nielsen, Hoi, L., Schmidt, A. S., Qian, D. Shimada, T. Shen, J.Y. & Larsen, J. L. 2001. Is *Aeromonas hydrophila* the dominant motile *Aeromonas* species that causes disease outbreaks in aquaculture production in the Zhejiang Province of China?. *Diseases Of Aquatic Organisms Dis Aquat Org* Vol. 46: 23–29, 2001
- Paul, E. A. (2007). *Soil Microbiology, Ecology and Biochemistry* 3rd Edition. United States of America : ELSIVIER.
- Pelczar, M. J. & Chan, E. C. S. (2006). *Dasar-dasar Mikrobiologi 1*. Jakarta : UI-Press.
- Pramesti, Olivia. 2011a. *Budidaya Perikanan di Indonesia Harus Sesuai Konsep Pembangunan* [online] Tersedia: <http://nationalgeographic.co.id/lihat/berita/2298/budidaya-perikanan-di-indonesia-harus-sesuai-konsep-pembangunan-> [8 Januari 2012]
- Pramesti, Olivia. 2011b. *Tingkatan Produksi Ikan di Indonesia Dengan Minipolitan*. [online]. Tersedia: <http://nationalgeographic.co.id/lihat/berita/1895/tingkatkan-produksi-ikan-di-indonesia-dengan-minopolitan> [8 Januari 2012]

- Qutanonq, 2006. Gurami. Agromanis [online]. Tersedia: <http://www.mail-achive.com> [8 Januari 2012]
- Rhido, P. G. (2003, 17 Oktober). Produksi Ikan Gurame Tiap Tahun Meningkatkan 35 Persen. Tempo Interaktif [online]. Tersedia: <http://www.tempo.co.id>. [8 Januari 2012]
- Riani, Etty., Ratih Ismayasari dan Wibowo Mangunwardoyo. 2010. Uji Patogenitas *Aeromonas hydrophila* Stanier pada Ikan Nila (*Oreochromis niloticus* Lin.) Melalui Postulat Koch. J. Ris. Akuakultur Vol.5 No. 2 Tahun 2010:245-255
- Rimler, R. & Shotts, B. 1973. Medium for the Isolation of *Aeromonas Hydrophila*. APPumD Microbiology, Oct. 1973, p. 550-553 Copyright © 1973 American Society for Microbiology Vol. 26, No. 4
- Saanin H. 1984. Taksonomi dan Kunci Identifikasi Ikan. Jilid I dan II. Bandung: Binacipta
- Sack, D.A.; McLaughlin, J.C.; Sack, R.B.; Orskov, F.; Orskov, I. Enterotoxigenic *Escherichia coli* Isolated from Patients at a Hospital in Dacca. *J. Infect. Dis.* 1977, 135, 275-280.
- Sambrook, J. & Russel. 2001. Molecular Cloning-a Laboratory Manual. Cold Spring Harbor Laboratory Press, New York.
- Seshadri, 2006. *Aeromonas hydrophila*. [online]. Tersedia: http://www.genome.jp/kegg-bin/show_organism?org=aha. [8 Januari 2012]
- Sha J, Erova TE, Alyea RA, Wang S, Olano JP, Pancholi V, Chopra AK (2009) Surface-expressed enolase contributes to the pathogenesis of clinical isolate SSU of *Aeromonas hydrophila*. *J Bacteriol* 191(9):3095-3107. doi:10.1128/JB.00005-09
- Sitanggang, M & Sarwono, B. 2003. Budidaya Guram (edisi revisi). Jakarta: Penebar Swadaya.
- SNI. 2009. Metode Identifikasi Bakteri *Aeromonas hydrophila* secara biokimia. SNI 7303:2009
- Suhanda, Agus & Maryono. 2002. Teknik Pencegahan dan Pengobatan Penyakit Bercak Merah pada Ikan Air Tawar yang Disebabkan oleh Bakteri *Aeromonas hydrophila*. Buletin Teknik Pertanian Vol. 7. Nomor 1, 2002
- Sularto, Angela Mariana Lusiastuti, Evi Tahapari & Wartono Hadie. 2010. Ketahanan Penyakit Bakterial pada Ikan Patin Nasutus (*Pangasius nasutus*). Prosiding Forum Teknologi Akuakultur 2010

- Swann, L & White, M. R. 1995. Diagnosis and Treatment of "*Aeromonas hydrophila*" Infection of Fish. Aquaculture Extension. Illinois - Indiana Sea Grant Program. Purdue University
- Tawiyah, 2011. Budidaya Ikan Gurame (*Osphronemus gouramy*). Kantor Deputy Menegristek Bidang Pendayagunaan dan Pemasyarakatan Ilmu Pengetahuan dan Teknologi
- Taylor W. I. and Harris B., 1965, Am. J. Clin. Pathol., 44:476.
- Thornley, J. P., J. G. Shaw, I. A. Gryllos, & A. Eley. 1997. Virulence properties of clinically significant *Aeromonas* species - evidence for pathogenicity. Reviews in Medical Microbiology 8(2):61-72.
- Udeh, P. J. (2004). A Guide to Healthy Drinking Water. USA: iUniverse Inc
- Uma, A., G.Rebecca, S.Meena and K.Saravanabava. 2010. Pcr Detection Of Putative Aerolysin And Hemolysin Genes In An *Aeromonas Hydrophila* Isolate From Infected Koi Carp (*Cyprinus Carpio*). *Tamilnadu J. Veterinary & Animal Sciences* 6 (1) 31-33, January - February 2010
- Wang G, Clark CG, Liu C, Pucknell C, Munro CK, Kruk TM, Caldeira R, Woodward DL, Rodgers FG (2003) Detection and characterization of the hemolysin genes in *Aeromonas hydrophila* and *Aeromonas sobria* by multiplex PCR. *J Clin Microbiol*
- Watson, J. D., Baker T. A., Bell, S. P. Gann, A., Levine, M. & Losick, R. 2004. Molecular Biology of the Gene. Fifth Edition. Benjamin Cummings. Cold Spring Harbor laboratory Press
- Yogananth, N. R. Bhagyaraj, A. Chanthuru, T. Anbalagan, and K. Mullai Nila. 2009. Detection of Virulence Gene in *Aeromonas hydrophila* Isolated from Fish Samples PCR Technique. *Global Journal of Biotechnology & Biochemistry* 4 (1): 51-53, 2009 ISSN 2078-466X © IDOSI Publications, 2009