

DAFTAR PUSTAKA

- Agrios, G.N. 1997. *Plant Pathology*. 4th edition. San Diego : Academic Press Inc.
- Al-Tahhan, R. A., T.R. Sandri and A.A. Bodour. 2000. *Rhamnolipid-Induced Removal of Lipopolysaccharide from Pseudomonas aeruginosa: Effect on Cell Surface Properties and Interaction with Hydrophobic Substrats*. Journal of Environmental Microbiology. 66(8) : 3262-3268
- Anonim. 2009. Jenis dan Patogenesis Mikroorganisme Penyebab Diare.
- Apriani, N.A. 2019. Isolasi dan Identifikasi Bakteri Penghasil Biosurfaktan di Perairan Desa Mangkap Kecamatan Sungai Apit Kabupaten Siak Provinsi Riau. Pekanbaru : Fakultas Perikanan dan kelautan Universitas Riau.
- Baker, K.F dan Cook, R.J. 1974 *Biological Control an Pathogens*. San Fransisco : Freeman and Company.
- Barrow, G.I. dan Weldham, R.K. 1993. *Manual for The Identification of Medical Bacteria (Eds. By Cowan and Steel's)*. Cambridge: Cambridge University Press.
- Baum, J.A. dan Malvar. T. 1995. *Regulation of insecticidal crystal protein production in Bacillus thuringiensis*. Molecular Microbiology. 18:1-12.
- Behle, R.W., Tames-Guerra, P., Shasa, B.S., dan McGuire, M.R. 1999. Makalah Formulation Forum 99. Formulating Bioinsecticides to Improve Recidual Activity. University Peoria, Illiois.
- Becker dan Margalit, J. 1993. *Production of Bacillus thuringiensis Insecticides for Experimental and Commercial Use*. Di dalam P.F Enwistle, J.s. Cory, M.J. Bailey dan S. Higgs (editor) *Bacillus thuringiensis, an enviromental piopesticide : theory and practice*. John Wiley and Sons, Chichester : 147-168.
- Bravo, A. 1997. *Phylogenetic Relationship of Bacillus thuringiensis δ-endotoxin Family Protein and Their Functional domains*. Bacterial 179 (9) :2793-2801.
- Brown. 2002. *Micronutrient Initiative (Association) Zinc and Human Health: Result of Recent Trials and Implications for Program Interventions and Research*. New York (AS):Kluwer Academic Publishers.
- Cetinkaya, F.T. 2002. Isolation of *Bacillus thuringiensis* and investigation of Its Crystal Poteins Genes. Thesis. Izmir Institutue and Technology Izmir, Turkey.

- Chernin, L., Ismailov Z., Haran S., Chet I. 1995. Chitinolytic *Enterobacter agglomerans*, antagonistic to fungal plant patogens, Applied and Environmental Microbiology 61: 1720-1726.
- Compani, S., Duffy, B., Nowak, J., Clement, C dan Barka, E.A. 2005. Mini review : use of plant growth – promoting *Rhizobacteria* for biocontrol of plant disease: principles, mechanism of action, and future prospect. Applications of Environmental Microbiology. 71- 4951-4959.
- Das K, Mukherjee AK. 2005. Karakterisasi sifat biokimia dan aktivitas biologis biosurfaktan yang diproduksi oleh *Pseudomonas aeruginosa* mucoid dan strain non-mucoid yang diisolasi dari sampel tanah yang terkontaminasi hidrokarbon. Appl Microbiol Biotechnol. 69 : 192–9.
- Dent, D.R. 1993. *The use of Bacillus thuringiensis as insecticide*. In Jones, D.G. (Ed.). *Exploitation of Microorganisms*. Chapman and Hall, p. 19-44.
- Difco. 2009. *Manual Microbiological Culture Media 2nd*. Mj. Zimbro, D.A Powder, S.M. Miller, G.E. Wilson and J.A. Johnson (Eds). Becton, Dickinson and Company, Maryland.
- Dulmage, H.T. 1981. *Insecticidal Activityof Isolated of Bacillus thuringiensis and their potential for Pest Control*. Dalam H.D. Burges (editor). *Microbial Control of Pest and Plant Disease 1970-1980*. New York :Academic Press.
- Donovan, P., William, D., Chaty, M.P, dan Gilbert.1988. Molecular Characterization of gene encoding a 72-kilodalton mosquito-toxic crystal protein from *Bacillus thuringiensis* subspecies *israelensis*. Journal of Bacteriology. 170(10). 4732-4738.
- Fadillah, A.N., Hafsan dan N. Fatmawati. 2015. *Penurunan Kadar Kolesterol Oleh Bakteri Asam Laknat Asal Danke Secara In Vitro*. Prosiding Mikrobiologi Kesehatan dan Lingkungan. 174-180. (Tidak Diterbitkan)
- Fatmasari. 2015. Uji sensitivitas antibiotik kloramfenikol, siprofloksasin, eritromisin dan klindamisin terhadap *Bacillus cereus* yang diisolasi dari daging sapi dipasar tradisional dan pasar modern kota makassar. Skripsi Universitas Hasanuddin. Makassar.
- Faust R.M., Bulla L.A. 1982. *Bacteria and Their Toxin as Insecticides*, Halaman 75-109. New York : Marcell Dekker Inc.
- Fitriatin E, Manan A. 2015. Pemeriksaan Viral Nervous Nevrosis (VNN) pada ikan dengan metode *Polymerase Chain Reaction* (PCR). Jurnal Ilmiah Perikanan dan Kelautan 7(1): 2088-5842.
- Gama ZP, Yanuwiadi P, dan Kurniati TH. 2010. Strategi Pemberantasan Nyamuk Aman Lingkungan: Potensi *Bacillus thuringiensis* Isolat Madura Sebagai Musuh Alami Nyamuk *Aedes aegypti*. Jurnal Pembangunan dan Alam Lestari. 1(1): 1-10.

- Geetha I, Manonmani AM. 2010. Surfactin: biosurfaktan nyamuk baru yang diproduksi oleh *Bacillus subtilis* ssp. *subtilis* (VCRC B471) dan pengaruh faktor abiotik terhadap efikasi pupicidal-nya. Lett Appl Microbiol. 51 : 406-12.
- Geetha I, Manonmani AM, Prabakaran G. 2011. *Bacillus amyloliquefaciens* : bakteri nyamuk dari hutan bakau di pulau Andaman & Nicobar, India. Acta Trop. 120 : 155–9.
- Geetha I, Paily KP, Manonmani AM. 2012. Aktivitas nyamuk dewasa dari biosurfaktan yang diproduksi oleh *Bacillus subtilis* subsp. *subtilis* . Manajemen Hama Sci. 68 : 1447–50.
- Ghaman, P.M. dan Sherrington, K.B. 1981. *Ilmu Pangan : Pengantar Ilmu Pangan, Nutrisi, dan Mikrobiologi*. Yogyakarta : Gajah Mada University Press.
- Gubler, J.D., dan Meltzer, M., 2014. *Dengue and Dengue Hemorrhagic Fever Second Edition*. USA : CPI Group Ltd, Croydon.
- Hall, K.K. and J.A. Lyman. 2006. Update review of blood culture contamination. Clin. Microbiol. Rev. 19:788-802
- Hastuti, O., 2008. *Demam Berdarah Dengue, Penyakit dan Cara Pencegahannya*. Yogyakarta : Penerbit Kanisius.
- Hatmanti, A. 2000. *Pengenalan Bacillus spp.* 25(1): 31-41. ISSN 0216-1877.
- Ibrahim, Mohamed A, Natlya Griko, Matthew Junker, and Lee A Bulla. 2010. *Bacillus thuringiensis* Bioengineered Bugs 1, no.1 (2010)31-50.
- Ignoffo, C.M dan Anderson, R.F. 1979. *Bioinsecticides, pp. 1-27. In H.J Peppier and D. Perlman, eds. Microbial Technology*. New York : Academy Press.
- Irianto, K. 2006. *Mikrobiologi Menguak Dunia Mikroorganisme*. Jilid 1. Bandung: CV.Yrama Widya.
- Jati, N.W., Murwani I., dan Felicia Z. 2013. Isolasi, Purifikasi dan Uji Patogenitas Isolat *Bacillus thuringiensis* berliner Wilayah Daerah Istimewa Yogyakarta terhadap larva nyamuk *Aedes aegypti linn*, Laporan Hasil Akhir Penelitian Hibah Fundamental, Yogyakarta : Fakultas Technobiologi, Universitas Atma Jaya Yogyakarta.
- Jawetz, E., Melnick, J.L., Adelberg, E.A. 2001. *Medical microbiology*. 22nd ed. McGraw Hill Companies Inc.USA.
- Johnson, C., Bishop, A.H dan turner, C.L. 1998. Isolation and activity of strain of *Bacillus thuringiensis* toxic to larvae of the housefly (Diptera: Muscidae) and tropical blowflies (Diptera: Calliphoridae). Journal of invertebrate Pathology. 71,138-144.

- Kementerian Kesehatan Republik Indonesia. 2017. Demam Berdarah Dengue. Diunduh 13 Maret 2019
- Knowles, B.H. 1994. Mechanism of action of *Bacillus thuringiensis* insecticidal δ-endotoxin. Advances in Insect Physiology. 24: 275-308.
- Krishnan, H.B., Kim K.Y., dan Krishnan A.H., 1999. Expression of *Serratia marcescens* chitinase gene in *Sinorhizobium fredii* USDA 191 and *S. meliloti* RCR 201 impedes soybean and alfalfa nodulation. Molecular Plant-Microbe Interactions 12: 748-751.
- Kristinah, Isminah, dan Wulandari, L., 2005. Kajian Masalah Kesehatan :Demam Berdarah Dengue.
- Koneman, E. W, M., S.D. Allen., W.M. Janda., P.C Schreckenberg., and W.C. Winn. 1992. *Color atlas and textbook of diagnostic microbiology. 4th ed.* J.B. Lippincott Company. Philadelphia, Pennsylvania. USA. 108-109, 121, 176, 194, 405, 407-424.
- Madigan, M. 2005. *Brock Biology of Microorganisme*. London: Prentice Hall.
- Maneerat S, Phetrong K, Song K. 2007. Isolation of biosurfactant activity of rhamnolipid biosurfactant producing marine bacteria and characteristic of selected biosurfactant. Journal Science Technology. 29: 781-791.
- Margino, S. dan S. Mangundihardjo. 2002. Pemanfaatan keanekaragaman hayati untuk biopestisida di Indonesia. Lokakarya Keanekaragaman Hayati untuk Perlindungan Tanaman. Yogyakarta
- Mc kane, L and J.Kandel. 1998. *Microbiology. Essentials and Applications. 2nd ed.* McGraw-Hill, Inc.Philadelphia.
- Milam. 2000. Evaluating mosquito control pesticides for effect on target and non target organism dalam sahayaraj, K (ed), Basic and Applied Aspect of Biopesticides, New Delhi : Departement of Zoology (hal:236).
- Mitsutomi, M., Kidoh H., Tomita, H., dan Watanabe, T. 1995. *The action of Bacillus circulans WL-12 chitinases on partially N-acetylated chitosan.* Biosci. Biotech. Biochem. 59:529-531.
- Okazaki, K. F. Kato, N, Watanabe, Yasuda, Y., Masui, dan Hayakawa S. 1995.Purification and properties of two chitinases from *Streptomyces* sp., J-13-3. Biosci.Biotech.Biochem. 59:1586-1587.
- Oxoid. 1998. *The Oxoid Manual. 8th ed.* Complied bye E.Y.Bridson (Former Technical Director of Oxoid).
- Panji.2014. Peran *Bacillus thuringiensis* Sebagai Agen Pembasmi Serangga.[http://www.edubio.info/2014/09/peran-bacillus-thuringiensis sebagai.html](http://www.edubio.info/2014/09/peran-bacillus-thuringiensis-sebagai.html). Diakses september2019 pukul 21.30 WIB.

- Pelczar, C.J. and E.C.S Chan. 1988. *Elements of Microbiology*. (Diterjemahkan oleh Hadioetomo, R.S., T.Imas, S.S Tjitrosomo dan S.L Angka). Edisi ke-1. Indonesia University Press. Jakarta.
- Pelczar, M.J., dan Chan, E.C.S. 2008. *Dasar-Dasar Mikrobiologi.Jilid 1*. Penerjemah Ratna Siri Hadioetomo, Teja Mas, S. Sutarmi Tjitrosomo & Sri lestari Angka. UI Press. Jakarta.
- Purnomo, A.Hartatik, Khusnan, Isrina S.O.S, Soegiyono. 2006. Isolasi dan karakterisasi *Staphylococcus aureus* asal susu kambing peternakan ettawa. Media kedokteran hewan. 22 (3):142-147.
- Purnomohadi, A. 2011. Potensi Bakteri dan Analisis Emulsifikasi Biosurfaktan dari Isolat Bakteri Lokal. Jurnal Sains. 1 (1): 13-15.
- Purwanti, Maya, Mirnawati Sudarwanto, Winiati P.Rahayu, dan A. winny Sanjaya. 2008. Pertumbuhan *Bacillus cereus* dan *Clostridium perfringens* pada Makanan Tambahan Pemulihan yang Dikonsumsi Balita Penderita Gizi Buruk. Jurnal Forum Pasca Sarjana. Vol 31 No.4
- Quinn, P.J., B.K. Markey, M.E. Carter, W.J. Donnelly, and F.C. Leonard.. 2002. *Veterinary Microbiology and Microbial Disease*. Blackwell Publishing, USA. 43-46, 465-475.
- Rau u, Nguyen LA, Lang S. 2005. Downstream processing of *mannosylyerythritol lipids* produced by *Pseudozyma aphidis*. Journal of Lipid Science Technology. 107: 373-380.
- Revati k, Chandrasekaran R, Thanigaivel A, Kirubakaran SA, Narayanan SS, and Nathan SS. 2013. Effect of *Bacillus subtilis* Metabolits on Larval *Aedes aegypti* L. Pesticide Biochemistry and Physiology. 107: 369-376.
- Salamun.*et al.* 2018. Isolasi dan Karakterisasi Bakteri Entomopatogen *Bacillus sp.* dari berbagai sampel, *Laporan penelitian*. Lembaga Penelitian UNAIR. Surabaya.
- Scetzer. 2006 dalam Husniyah, H. 2018. Skrinning dan uji potensi entomopatogen lokal (*Bacillus sp.*) dari larva *Aedes aegypti*. Skripsi Universitas Airlangga. Surabaya.
- Sukmadewi, D.K.T., Anas Iswandi., Widayastuti Rahayu., dan Citraresmini Anis. 2017. Uji Fitopatogenitas, Hemolisis Serta Kemampuan Mikroba dalam Melarutkan Fosfat dan Kalium. Bogor : IPB.
- Takashi M, Morita T, Wada K, Hirose K, Fukuoka T, Imura T, Kitamono D. 2011. Production of sophorolipid glycolipid biosurfactant from sugarcane molasses using *Starmerella bombicola* NBRC 10243. J Oleo Sci 60: 267-273

- Timoney, J.F., J.H. Gillespie, F.W. Scoot and J.E. Barlough. 1988. *Hagan and Burner's Microbiology and Infectious Disease of Domestic Animals. 8th ed.* Comstock Publishing Associates.
- Trizelia. 2001. Makalah Pemanfaatan *Bacillus thuringiensis* Untuk Pengendalian Hama *Crocidolamia binotalis*, IPB: Bogor.
- Waluyo, L. 2007. Mikrobiologi Umum Edisi Revisi, Malang: UMM Press.
- Weeden, Shelten, Li, dan Hoffman. 1993. *Biologycal control : A guide to Natural Enemies in North America.*
- Yolantika, H., Periadnadi dan Nurmiati. 2015. Isolasi Bakteri Pendegradasi Hidrokarbon di Tanah Tercemar Lokasi Perbengkelan Otomotif. *Jurnal Biologi Universitas Andalas.* 4 (3):153-157.
- Yulistia R,F. 2015. Pengaruh Penambahan Temulawak (*Curcuma xanthorrhiza* ROXB) Pada Pakan Terhadap Total Eritrosit, Hematokrit, Hemoglobin dan Pertumbuhan Ikan Baung (*Mystus nemurus*). [Skripsi]. Fakultas Perikanan dan Ilmu Kelautan. Universitas Riau. 48 halaman.