

- Adonizio, A. L., Downum, K., Bennett, B. C. and Mathee, K. 2006. Anti-quorum sensing activity of medicinal plants in southern Florida. *J. Ethnopharmacol.* 103, 427-435.
- Agustina, A. 2016. Isolasi Dan Identifikasi Flavonoid Rimpang Lengkuas Merah (*Alpinia galanga*, Linn) Secara Kromatografi Lapis Tipis. *Cerata Jurnal Ilmu Farmasi (Journal Of Pharmacy Science)*, 4(1).
- Allison DG, Sutherland IW. 1984. A staining technique for attached bacteria and its correlation to extracellular carbohydrate production. *J Microbiol Meth.* 2:93–9.
- Amara N, Krom BP, Kaufmann GF, Meijler MM. 2011. Macromolecular inhibition of quorum sensing: enzymes, antibodies, and beyond. *Chem Rev.* 111:195–208
- Anggraini, N., Utami, R., & Kawiji, K. 2013. Pengaruh Penambahan Minyak Atsiri Rimpang Temulawak (*Curcuma Xanthorrhiza* Roxb) Pada Edible Coating Terhadap Stabilitas Ph Dan Warna Fillet Ikan Patin Selama 4 Bulan Penyimpanan Suhu Beku. *Jurnal Teknosains Pangan*, 2(4).
- Archer, N. K., Mazaitis, M. J., Costerton, J. W., Leid, J. G., Powers, M. E., & Shirtliff, M. E. 2011. *Staphylococcus aureus* biofilms: properties, regulation, and roles in human disease. *Virulence*, 2(5), 445-459.
- Bassler BL, Greenberg EP, Stevens AM. 1999. Cross-Species Induction Of Luminescence In The Quorum-Sensing Bacterium *Vibrio harveyi*. *J. Bacteriol.* 179:4043–4045.
- Brackman G, Defoirdt T, Miyamoto C, Bossier P, Van Calenbergh S, Nelis H,. 2008. Cinnamaldehyde and cinnamaldehyde derivatives reduce virulence in *Vibrio* sp. by decreasing the DNA-binding activity of the quorum sensing response regulator LuxR. *BMC Microbiol.* 8:149
- Dembitsky VA, Al Quntar AAA, Srebnik M. 2011. Natural and synthetic small boroncontaining molecules as potential inhibitors of bacterial and fungal quorum sensing. *Chem Rev.* 111:209–37
- Dong YH, Zhang LH. 2005. Quorum sensing and quorum-quenching enzymes. *J Microbiol.* 43:101–9.
- Fu, Y.J., Zu, Y, Chen, L., Wang, Z. 2007. Antimicrobial Activity of clove and rosemary essential oils alone and in combination. *Phytotherres.* 21: 989-999.
- Fuqua, C. and Greenberg, E. P. 2002. Listening in on bacteria: acyl-homoserine lactone signalling. *Nature Rev. Mol. Cell Biol.* 3, 685–695.
- Gonzalez JE, Keshavan ND. 2006. Messing with bacterial quorum sensing. *Microbiol Mol Biol Rev.* 70:859–75
- Hasanah, A. N., Nazaruddin, F., Febrina, E., dan Zuhrotun, A. 2011. Analisis Kandungan Minyak Atsiri dan Uji Aktivitas Antiinflamasi Ekstrak Rimpang Kencur (*Kaempferia galanga* L.) . *Jurnal Matematika & Sains.* 147-153
- Hayani, E. 2006. Analisis Kandungan Kimia Rimpang Temulawak. *Teknis Nasional Tenaga Fungsional Pertanian.* Pusat Penelitian Dan Pengembangan Peternakan, 309-312.
- Indriani, Aprilia Dwi., Prayitno, Slamet Budi, dan Sarjito. 2014. (Penggunaan ekstrak Jahe Merah (*Zingiber Officinale* var. *Rubrum*) Sebagai Alternatif Pengobatan Ikan Nila (*Oreochromis Niloticus*) Yang Diinfeksi Bakteri *Aeromonas hydrophila*). *Journal of Aquaculture Management and Technology*, 3,3 (2014) : 58-65

- Januwati, M. dan Herry. M., 1997. Peranan lingkungan fisik terhadap produksi monograf Jahe. Balitro. Bogor
- Kabata, Z. 1985. Parasites and Disease of Fish Cultured in the Tropics. Taylor and Francis Press. London, 3 (1): 643-655.
- Kalia VC, Purohit HJ. 2011. Quenching the quorum sensing system: potential antibacterial drug targets. Crit Rev Microbiol. 37:121-40.
- Kamiso, H.N. dan Triyanto. 1996. Vaksinasi *Aeromonas hydrophila* untuk menanggulangi penyakit MAS pada lele dumbo (*Clarias gariepinus*). Prosiding Seminar Nasional II Penyakit Ikan dan Udang. Balitbang Pertanian. Jakarta: 83-86.
- Kamiso, H.N., Triyanto, dan S. Hartati. 1994. Karakteristik *Aeromonas hydrophila* pada ikan lele (*Clarias sp.*) di Daerah Istimewa Yogyakarta dan Jawa Tengah Selatan. Ilmu Pertanian (Agric.Sci.) V(4):741-752.
- Kievit, T. R. & Iglewski, B. H. 2000. Bacterial Quorum Sensing In Pathogenic Relationships. Infect Immun 68, 4839-4849.
- Li, Y. H., Lau, P. C., Lee, J. H., Ellen, R. P., & Cvitkovitch, D. G. 2001. Natural genetic transformation of streptococcus mutans growing in biofilms. Journal of bacteriology, 183(3), 897-908.
- Lukistyowati, I dan Kurniasih. 2011. Kelangsungan Hidup Ikan Mas (*Cyprinus carpio L*) yang diberi Pakan Ekstrak Bawang Putih (*Allium sativum*) dan di Infeksi *Aeromonas hydrophila*. Jurnal Perikanan dan Kelautan, 16,1 (2011) : 144-160.
- Madigan, M. T., Clark, D. P., Stahl, D., & Martinko, J. M. 2015. Brock Biology of Microorganisms 14th edition. Benjamin Cummings.
- Madinawati, Serdiati N, Yoel. 2011. Pemberian Pakan yang Berbeda Terhadap Pertumbuhan dan Kelangsungan Hidup Benih Ikan Lele (*Clarias gariepinus*). Jurnal Media Litbang Sulteng. 4(2):83-87
- Mangunwardoyo, W., R. Ismayasari, dan E. Riani. 2010. Uji Patogenitas dan Virulensi *Aeromonas hydrophila* Stanier pada Ikan Nila (*Oreochromis Niloticus Lin.*) Melalui Postulat Koch. Jurnal Ristek Akuakultur 5(2): 245-255.
- Manuel Simoes, Lucia C. Simoes dan Maria J. Vieira. 2010. A review of current and emergent biofilm control strategies. 43: 573-583.
- Meng Chen, Qingsong Yu dan Hongmin Sun. 2013. Novel Strategies for the Prevention and Treatment of Biofilm Related Infections. 14: 18488-18501.
- Nabib, R., dan F.H. Pasaribu. 1989. Patologi dan Penyakit Ikan. PAU Bioteknologi, Institute Pertanian Bogor. Bogor. 156 p.
- Naves, P., del Prado, G., Huelves, L., Gracia, M., Ruiz, V., Blanco, J., et al. 2008. Measurement of biofilm formation by clinical isolates of *Escherichia coli* is methoddependent. Journal of Applied Microbiology, 105(2) .
- Ni N, Choudhary G, Li M, Wang B. Pyrogallol and its analogs can antagonize bacterial quorum sensing in *Vibrio harveyi*. Bioorg Med Chem Lett 2008;18:1567-72.
- Nursal, W., Sri dan Wilda S. 2006. Bioaktifitas Ekstrak Jahe (*Zingiber officinale Roxb.*) Dalam Menghambat Pertumbuhan Koloni Bakteri *Escherichia coli* dan *Bacillus subtilis*. Jurnal Biogenesis 2(2): 64-66.
- Nursal. 1997. Pengaruh Ekstrak Akar *Acanthusilicifolius* terhadap Pertumbuhan Bakteri *Vibrilo parahaemolyticus*. Jurnal Biosains; 2 (1), 2 – 37
- Nursanti, Ferina. 2005. Pengaruh Pemberian Probiotik Terhadap Jumlah Bakteri Pada Ginjal Ikan Nila Setelah Uji Tantang Dengan *Aeromonas Hydrophila* Dan *Aeromonas Salmonicida* Atipikal. Jurnal Saintek Perikanan Vol. 2, No. 1, 2006: 40 – 47

- Prakash B., B.M. Veeregowda and G. Krishnappa. 2003. Biofilms: A Survival Strategy of Bacteri. *Current Sci.*85: 1299-1307
- Robinson, T. 1995. Kandungan Organik Tumbuhan Tinggi. Penerbit ITB. Bandung. 367 hal
- Rudrappa T, Bais HP. 2008. Curcumin, a known phenolic from *Curcuma longa*, attenuates the virulence of *Pseudomonas aeruginosa* PAO1 in whole plant and animal pathogenicity models. *J Agric Food Chem.* 56:1955–62
- Sartika, Y. 2011. Efektivitas Fitofarmaka dalam Pakan untuk Pencegahan Infeksi Bakteri *Aeromonas hydrophila* pada Ikan Lele Dumbo (*Clarias sp.*) Skripsi. Institut Pertanian Bogor, Bogor.
- Siswandono. 1995. Kimia Medisinal. Airlangga University Press. Surabaya. 279 hal
- Siswanto, YW. 2004. Penanganan Hasil Panen Tanaman Obat Komersial. Panebar Swadaya. Jakarta. Soeprapto, 1986
- Stepanovic S, Vukovic D, Dakic I, et al. A modified microtiter-plate test for quantification of staphylococcal biofilm formation. *J Microbiol Methods* 2000;40(2):175-9
- Swift, Karlyshev AV, Fish L, Durant EL, Winson MK. 1997. Quorum Sensing in *Aeromonas hydrophila* and *Aeromonas salmonicida*: Identification of the LuxRI Homologs AhyRI and AsaRI and Their Cognate N-Acylhomoserine Lactone Signal Molecules. *Journal Of Bacteriology.* 179: 5271–5281
- Taga dan Bassler, 2003 Vattem, D. A., Mihalik, K., Crixell, S. H. and McLean, R. J. 2007. Dietary phytochemicals as quorum sensing inhibitors. *Fitoterapia* 78, 302-310
- Vandeputte OM, Kiendrebeogo M, Rajaonson S, Diallo B, Mol A, Jaziri ME. 2010. Identification of catechin as one of the flavonoids from *Combretum albiflorum* bark extract that reduces the production of quorum-sensing-controlled virulence factors in *Pseudomonas aeruginosa* PAO1. *Appl Environ Microbiol.* 71:243–53.
- Vikram A, Jayaprakasha GK, Jesudhasan PR, Pillai SD, Patil BS. 2010. Suppression of bacterial cell-cell signaling, biofilm formation and type III secretion system by citrus flavonoids. *J Appl Microbiol.* 109:515–27.
- Wardana, Heru D, Barwa NS, Kongsjahju A, Iqbal A, Khalid M, dan Taryadi RR. 2002. Budi Daya secara Organik Tanaman Obat Rimpang. Penebar Swadaya. Jakarta.
- Winarti, C., & Nurdjanah, N. 2005. Peluang tanaman rempah dan obat sebagai sumber pangan fungsional. *Jurnal Litbang Pertanian*, 24(2), 47-55.
- Yani ME, Riau waty M, Lukityowati I. 2012. Sensitivitas Temulawak (*Curcuma xanthorrhiza Roxb*) Terhadap Pertumbuhan *Aeromonas hydrophila*. [Jurnal]. FPIK Universitas Riau: Riau.
- Yono, J.D. 1999. Perkembangan Daya Tahan Lele Dumbo (*Clarias gariepinus*) Yang Divaksin *Aeromonas hydrophila* dengan Jenis Antigen-H dan Antigen-O. Skripsi. Fakultas Pertanian Jurusan Perikanan, Universitas Gadjah Mada, Yogyakarta.