

DAFTAR PUSTAKA

- Alkawareek MY., Algwari Q., Laverty G., Gorman SP., Graham WG., O'Connell D et al .2012. *Eradication of Pseudomonas aeruginosa Biofilms by Atmospheric Pressure Non-Thermal Plasma*. York Plasma Institute, Department of Physics, University of York, York, United Kingdom.
- Anonymous, 2011. *Pseudomonas aeruginosa Respiratory Tract Infections Associated with Contaminated Ultrasound Gel Used for Transesophageal Echocardiography*. Michigan, December 2011–January 2012. (Online). (<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6115a3.html>, diakses pada tanggal 3 Desember 2012).
- Arland. 2006. Iptek obat : *Belimbing wuluh*. (Online). (http://groups.google.co.id/group/keluargaislam/browse_thread/thread/1a74de2730058a4f53fcadad5f6391fc%2353fcadad5f6391fc,diakses pada tanggal 9 Desember 2012).
- Astuti., SM. 2012. *Skrining Fitokimia dan uji aktifitas antibiotik ekstrak etanol daun, batang, bunga, dan umbi tanaman benahong (Anredera cordifolia (Ten) Steenis)*. Balai Besar Pengujian Mutu dan Sertifikasi Obat Hewan (BBPMSOH), Gunungsindur – Bogor, Indonesia, 16340
- Bose, S., Khodke, M., Basak, S., Mallick, S.K. Detection Of Biofilm Producing Staphylococci: Need Of The Hour. *Journal of Clinical and Diagnostic Research* ; 3:1915-1920
- Cady, NC., McKean, KA., Behnke, J., Kubec, R., Mosier, AP., et al. (2012) Inhibition of Biofilm Formation, Quorum Sensing and Infection in *Pseudomonas aeruginosa* by Natural Products-Inspired Organosulfur Compounds. *PLoS ONE* 7(6): e38492. doi:10.1371/journal.pone.0038492
- Costerton JW, Stewart PS, Greenberg EP. Bacterial biofilms: a common cause of persistent infections. *Science*. 1999 May 21;284(5418):1318-22.
- Cowan, Marjorie M. 1999. Plant Products as Antimicrobial Agents. *Clinical Microbiol Rev* 10(4): 564-582.
- Cushnie. T.P. Tim, Lamb. Andrew J. Antimicrobial activity of flavonoids. *Journal of Antimicrobial Agents*, 2005; 26 (5) :343-356.
- Dao, Chelsea. 2010. *Pseudomonas aeruginosa* . www.microbewiki.kenyon.edu. 1 Desember 2012
- Dasalbantani, 2008. *Belimbing Wuluh*. (Online). (<http://www.indonesianvillage.com/2008/10/13/belimbing-wuluh/>, diakses tanggal 15 Juli 2013).



- Donlan, R.M. 2001. Biofilms and device-associated infections. *Emerging Infectious Diseases*, vol. 7, no. 2.
- Dzen SM, Roekistiningsih, Santoso S., Winarsih S. 2003. *Bakteriologi Medik*. Malang: Bayumedia Publishing.
- Elvers, K.T. and Lappin-Scott, H.M. 2004. *The Desk Encyclopedia of Microbiology; Biofilms and biofouling*. Elsevier Academic Press, London.
- Flemming H-C, Wingender J. Griegbe, Mayer C. 2000. *Physico-chemical properties of biofilms*. Amsterdam. Harwood Academic Publishers;p. 19–34.
- Forbes BA, Sahm DF, Weissfeld AS. 2007. *Bailey & Scott's Diagnostic Microbiology 12th Edition*. USA : Mosby.
- Freimoser, Florian M., Jakob Claude A., Aebl Markus, Tuor Urs. 1999. The MTT [3-(4,5-Dimethylthiazol-2-yl)-2,5-Diphenyltetrazolium Bromide] Assay Is a Fast and Reliable Method for Colorimetric Determination of Fungal Cell Densities. *Appl Environ Microbiol*.1999. 65(8): 3727–3729
- Gao Y, Honzatko RB, Peters RJ. 2012. *Terpenoid synthase structures: a so far incomplete view of complex catalysis*. Department of Biochemistry, Biophysics, & Molecular Biology, Iowa State University, Ames, IA 50011, USA.
- Hagerman, A.E. 2002. *Tannin Chemistry*. USA: Miami University Oxford.
- Hassanpour S., Maheris N., Eshratkhah B., Mehandar FB. 2011. *Plants and Secondary Metabolites (Tannins): A Review*. International Journal of Forest, Soil and Erosion (IJFSE). Faculty of Agricultural Science, Shabestar Branch, Islamic Azad University, Shabestar, East Azerbaijan Iran
- Hayati EK., Fasyah AG., Sa'adah L .2010. *Fraksinasi dan Identifikasi Senyawa Tannin pada Daun Belimbing Wuluh (Averrhoa bilimbi L.)*. Jurusan Kimia. Fakultas Sains dan Teknologi. Universitas Islam Negeri Maulana MalikIbrahim Malang.
- Hill D., Rose B., Pajkos A., Robinson S., Bye P., Bell S et al. 2005. Antibiotic Susceptibilities of *Pseudomonas aeruginosa* Isolates Derived from Patients with Cystic Fibrosis under Aerobic, Anaerobic, and Biofilm Conditions. Department of Infectious Diseases and Immunology, University of Sydney, Sydney, Australia. *Journal Of Clinical Microbiology*, p. 5085–5090 Vol. 43.
- Jawetz, E., Brooks, G. F., Melnick, J. L., & Adelberg, E. A. (2010). *Medical Microbiology*. New York, McGraw Hill Medical.



- Kala R, Chauhan H, Rajput A. 2012. Biofilm Characterization And Quorum Quenching In Pathogenic Strains *Staphylococcus aureus* And *Pseudomonas Aeruginosa*. *International Journal of Advanced Biotechnology and Research ISSN 0976-2612, Vol 3, Issue 1, 2012*, pp 515-522.
- Mayasari E. 2006. *Pseudomonas aeruginosa* : Karakteristik, Infeksi dan Penanganan.(Online).(http://repository.usu.ac.id/bitstream/123456789/3507/3/05010683.pdf.txt, diakses tanggal 7 Desember 2012)
- Miller MB, Bassler BL. 2001. Quorum sensing in bacteria. Department of Molecular Biology, Princeton University, Princeton, New Jersey 08544-1014, USA. *Annu Rev Microbiol* ;55:165-99
- Mittal R, Aggarwal R, Sharma S, Chhibber S, Harjai K .2009. Urinary tract infections caused by *Pseudomonas aeruginosa*. Division of Infectious Diseases, Childrens Hospital Los Angeles, Los Angeles, CA, USA. *Journal of Infection and Public Health* (2009) **2**, 101—111
- Mladěnka P., Macáková K., Filipský T., Zatloukalová L., Jahodář L., Bovicelli P et al. (2011). In vitro analysis of iron chelating activity of flavonoids. Department of Pharmacology and Toxicology, Faculty of Pharmacy in Hradec Králové, Charles University in Prague, Czech Republic. *Journal of Inorganic Biochemistry* 105(5):693-701
- Monroe, D. 2007. Looking for chinks in the armor of bacterial biofilms. *PLoS Biol* 5(11): e307. doi:10.1371/journal.pbio.0050307.
- Moore, G.E. 2009. *Biofilm Production by Streptococcus uberis Associated with Intramammary Infections*. (Online).(www.trace.tennessee.edu/utk_chanhonoproj/ 1299, diakses tanggal 3 Desember 2012).
- Mukhlisoh, W. 2010. *Pengaruh Ekstrak Tunggal dan Gabungan Daun Belimbing Wuluh (*Averrhoa bilimbi L*) terhadap Efektivitas Antibakteri secara In vitro*. Tugas Akhir. Tidak Diterbitkan, Fakultas Sains dan Teknologi Universitas Islam Negeri Maulana Malik Ibrahim, Malang.
- Mursito, Bambang. 2001. *Ramuan Tradisional Untuk Pengobatan Jantung*. Jakarta: Penebar Swadaya.
- Notobroto BH. 2005. *Penelitian Eksperimental dalam Materi Praktikum Teknik Sampling dan Penghitungan Besar Sampel Angkatan III*. Surabaya: Lembaga Penelitian Universitas Airlangga.
- Orwa C, Mutua A , Kindt R , Jamnadass R, Simons A. 2009. *Agroforestry Database:a tree reference and selection guide version 4.0*. (Online). (http://www.worldagroforestry.org/af/treedb/, diakses pada tanggal 4 Januari 2013).

Pace, J. L., Rupp ME., and R. G. Finch. 2006. *Biofilms, Infection, and Antimicrobial Therapy*. Boca Raton, Fla.: CRC Press.

Rahmadianti, MA. 2011. *Perbandingan Efek Ekstrak Daun Kayu Putih (Melaleuca Leucadendra L) sebagai Antibiofilm Staphylococcus aureus Isolat Darah dan Urin*. Tugas Akhir. Tidak Diterbitkan, Fakultas Kedokteran Universitas Brawijaya, Malang

Rohde H., Frankernberger S., Zähringel U., Mack D. 2010. Structure, function and contribution of polysaccharide intercellular adhesin (PIA) to *Staphylococcus epidermidis* biofilm formation and pathogenesis of biomaterial-associated infections. *Eur J Cell Biol* 89(1): 103-111.

Sa'adah, L .2012. *Isolasi dan Identifikasi Senyawa Tanin dari Daun Belimbing Wuluh (Averrhoa bilimbi L.)*. Tugas Akhir. Tidak Diterbitkan, Fakultas sains dan teknologi Universitas Islam Negeri Maulana Malik Ibrahim, Malang

Setiabudy, R. (2007). *Pengantar Antimikroba*. Dalam Farmakologi dan Terapi. Edisi kelima. Jakarta: Balai Penerbit FKUI. Halaman 585, 592-593

Song Z, Wu H, Ciofu O. 2003. *Pseudomonas aeruginosa alginate is refractory to Th1 immune response and impedes host immune clearance in a mouse model of acute lung infection*. *J Med Microbiol*. 2003;52(Pt 9):731–740

Sordé R., Pahissa A., Rello, J. 2011. *Management of refractory Pseudomonas aeruginosa infection in cystic fibrosis*. Department of Infectious Diseases, Hospital Universitari Vall d'Hebron, Vall d'Hebron Research Institute(VHIR), Universitat Autònoma deBarcelona, Barcelona, Spain.

Soumya, EA., Koraichi, IS., Madani, K., Hassan, L., and Fatima, H. 2012. Scanning Electron Microscopy (SEM) and Environmental SEM: Suitable Tools for Study of Adhesion Stage and Biofilm Formation. ISBN 978-953-51-0092-8, Published: March 9, 2012

Taganna JC, Quanico JP, Perono RM, Amor EC, Rivera WL. 2011. Tannin-rich fraction from *Terminalia catappa* inhibits quorum sensing (QS) in *Chromobacterium violaceum* and the QS-controlled biofilm maturation and LasA staphylolytic activity in *Pseudomonas aeruginosa*. *Journal Ethnopharmacol*. 2011 Apr 12;134(3):865-71. doi: 10.1016/j.jep.2011.01.028. Epub 2011 Feb 1.

Todar, K. 2008. *Pseudomonas aeruginosa* (Online). (<http://www.textbookofbacteriology.net/staph.html>, diakses tanggal 6 Desember 2012).



Vikram A, Jayaprakasha GK, Jesudhasan PR, Pillai SD, Patil BS. 2010. Suppression of bacterial cell–cell signalling, biofilm formation and type III secretion system by citrus flavonoids. *J Appl Microbiol.* 2010;109:515–527

Wallert and Provost Lab. 2007. *Proliferation Assay MTT Protocol.* (Online). (http://www.mnstate.edu/provost/MTT_Proliferation_Protocol.pdf, diakses tanggal 23 Oktober 2013.

Wiguna, imam. 2013. *Daun Belimbing Wuluh Atasi Hipertensi.* (Online). (<http://naturamedik.blogspot.com>, diakses tanggal 13 November 2010)

Wijayakusuma, H.M.H dan Dalimarta. 2006. *Ramuan Tradisional untuk Pengobatan Darah Tinggi.* Jakarta: Swadaya.

