

DAFTAR PUSTAKA

- Anggriawan, F., Rita E., & Ligat P.S. 2014. Identifikasi bakteri batang gram negatif penghasil extended spectrum β lactamase (ESBL) dari ulkus diabetikum derajat I dan II wagner di bangsal penyakit dalam RSUD Arifin Achmad provinsi Riau. *J. Online Mahasiswa Fakultas Kedokteran*, 1(2).
- Arora, D.S. & Bhardwaj. 1997. Antibacterial activity of some medicinal plants. *Geo. Bios*, 24:127-131.
- Blomberg, B., Jureen, R., Manji, K.P., Tamim, B.S., Mwakagile, D.S., Urassa, W.K., Fataki, M., Msangi, V., Tellevik, M.G., Maselle, S.Y., & Langeland, N. 2005. High rate cases of pediatric septicemia caused by gram negative bacteria with extended-spectrum beta lactamase in Dares Salam, Tanzania. *J clinMicrobiol*, 43(2):745-749.
- Capuccino, G. J. & Sherman, N. 2001. *Microbiology (a laboratory manual)*. New York: The Benjamin/Cummings Publishing Company, Inc.
- Case, C.L. & Johnson, T.D. 1984. *Laboratory experiments in microbiology*. New York: The Benjamin Cummings Publishing Company, Inc.
- Center of Disease Control and Prevention. 2008. Antimicrobial-Resistant Pathogens Associated With Healthcare- Associated Infections: Annual Summary of Data Reported to the National Healthcare Safety Network at the Centers of Disease Control and Prevention, 2006-2007. *Infection Control and Hospital Epidemiology*, 29:11.
- Chambers, H.F. 2006. *General Principles of Antimicrobial Therapy*, In: *Goodman and Gilman's The Pharmacological Basis of Therapeutics*, 11th Ed. New York: McGraw-Hill Companies.
- Clinical Laboratory Standards Institute. 2012. *Performance standards for antimicrobial disk susceptibility tests: Approved standard-eleventh Edition*. CLSI Document M02-A11.
- Craig, C.R., & Stizel, R.E. 2005. *Modern Pharmacology with Clinical Applications* 5th Ed. New York: Lippincott Williams & Wilkins.
- Collin, C. H., Lyne, P. M., & Grange J.M. 1995. *Microbiological methods*. London: Butterworth-Heinemann.
- Cowan, S.T., Barrow, G. I., Steel, K. J., & Feltham, R. K. A. 1993. *Cowan and steel's manual for the identification of medical bacteria*. (3rd ed.). Cambridge: Cambridge University Press.

- Drlica, K., & Perlin, D.S. 2011. *Antibiotic Resistance Understanding and Responding to an Emerging Crisis*. New Jersey: Pearson Education.
- Ely, R., Supriya, T., & Naik, C.G. 2004. Antimicrobial activity of Marine Organisms Collected of The Coast of South East India. *Elsevier Sciences*, 309: 121-127.
- Ghafourian, S., Sadeghifard, N., Soheili, S., & Sekawi, Z. 2011. *Extended spectrum beta-lactamases: definition, classification and epidemiology*. *Current. Issues Mol. Biol*, 17: 11-22.
- Gillespie, S.H., & Bamford, K.B. 2012. *Medical Microbiology and Infection at a gland 4th Ed*. United Kingdom: Addison Wesley Longman Ltd.
- Handayani, D., Sandrawaty, N., Murniati, M., & Regina, R. 2015. Screening of Endophytic Bacteria Isolated from Marine Sponge *Haliciona fascigera* for Inhibition against Clinical Isolates of *Methicillin Resistant Staphylococcus aureus* (MRSA). *J. of. Applied Pharmaceutical Science*, 5(9): 139-142.
- Harrison P., & Lederberg. 1998. *Antimicrobial Resistance: Issues and Options Workshop Report*. Washington DC: Institute of Medicine National Academy Press.
- Jawetz, E., Melnick, J. L. & Adelberg, E.A. 2005. *Mikrobiologi Kedokteran* (Edisi: 1) diterjemahkan oleh bagian Mikrobiologi Fakultas Kedokteran UNAIR. Surabaya: Salemba Medika.
- Jiang, X., Zhe Z., Min L., Danqiu Z., Feiyi R., & Yuan L. 2006. Antimicrobial agents and chemotherapy: detection of *Extended Spectrum β -Lactamases* in clinical isolates of *Pseudomonas aeruginosa*. *American Society for Microbiology*, 50(9): 2990-2995.
- Kanagasabhapathy, M., Hideaki, S., Kazuhiko, N., Kumiko, N., & Shinichi, N. 2005. Inhibitori ativity of surface bacteria isolated from the marine sponge *Pseudoceratia purpurea*. *Microbes Environ*, 20: 178-185.
- Kim, T.K., Hewavitharana, A.K., Shaw, P.N., & Fuerst, J.A. 2006. Discovery of a new source of rifamycin antibiotics in marine sponge actinobacteria by phylogenetic prediction. *Appl. Environ. Microbiol*, 72: 2118-2125.
- Kong, B.H., Hanifah, Y.A., Yusof, M.Y.M, & Thong, K.L. 2011. Antimicrobial Susceptibility and Genomic Diversity of Multidrug-Resistant *Acinetobacter baumannii* Isolates from a Teaching Hospital in Malaysia. *Jpn. J. Infect. Dis*, 64 : 337-340.

- Kumar, A.S, & Kalpana, S. 2013. Prevalence and Antimicrobial Susceptibility Pattern of *Klebsiella pneumonia* Causing Urinary Tract Infection and Issues Related to the Rational Selection of Antimicrobials. *Scholars J. of Applied Medical Sciences*, 1(5): 395-399
- Kuswandi, M. 2011. *Strategi Mengatasi Bakteri yang Resisten terhadap Antibiotika*. Pidato Pengukuhan Jabatan Guru Besar pada Fakultas Farmasi Universitas Gadjah Mada. Yogyakarta.
- Lay, B. W. 1994. *Analisis mikroba di laboratorium*. Jakarta: PT. Raja Grafindo Persada.
- Madigan, M.T., Martindo, & Parker, J. 2006. *Brock biology of microorganisms*. NewYork: Prentice Hall Inc.
- Magiorakos, A.P., Srinivasan, A., Carey, R.B., Carmeli, Y., Falagas, M.E., Giske, C.G., Harbarth, S., Hindler, J.F., Kahlmeter, G., O;sson-Liljequist, B., Paterson, D.L., Rice, L.B., Stelling, J., Struelens, M.J., Vatopoulus, A., Weber, J.T & Monnet, D.L. 2012. Multidrug-resistant, extensively drug-resistant and pandrug-resistant bacteria: an international expert proposal for interim standard definition for acquired resistance. *Clin Microbiol Infect.* 18: 268-281.
- Mayer, A.M.S., Rodriguez, A.D., Berlick, R.G.S, & Hamann, M.T. 2007. Marine pharmacology in 2003-4: marine compounds with anthelmintic, antibacterial, anticoagulant, antifungal, antiinflammatory, antimalarial, antiplatelet, antiprotozoal, antituberculosis, and antiviral activities: affecting the cardiovascular, immune and nervous system and other miscellaneous mechanism of action. *Comp Biochem Physiol C. Toxicol Pharmacol*, 145(4): 553-581.
- Mayers P., Espinosa, Parr C.S., Jones, Hammond, G.S., & Dewey, T.A. 2008. *The Animal diversity web*. Diakses 3 Maret 2016 dari <http://animaldiversity.org>.
- Mardiastuti, H. W., Kurniawati, A., Kiranasari, A., Ikaningsing, & Kadarsih, R. 2007. Emerging Resistance Pathogen: Situasi terkini di Asia, Eropa, Amerika Serikat, dan Indonesia. *Majalah Kedokteran Indonesia*, 57:3.
- McDonald, L.C. 2006. Trends in Antimicrobial Resistance in Health Care Associated Pathogens and Effect on Treatment. *J Clinical Infectious Diseases*, 42:65–71.
- Montalvo, N.F., Mohamed, N.M., Enticknap, J.J., & Russel, T.H. 2005. Novel actinobacteria from marine sponges. *Antonie van Leeuwenhoek*, 87: 29–36.

- Mwanri & Lillian. 2014. Multi-Drug Resistant Organisms and Patients' Risk Factors in the Intensive Care Unit of King Fahad Hofuf Hospital, Saudi Arabia. *International Journal of Health and Psychology Research* 2(1):8-25
- Nwadike, Ugochukwu, V., Ojide, Kingsley, C., Kalu, Iche, E. 2014. Multidrug Resistant Acinetobacter Infection and Their Antimicrobial Susceptibility Pattern in a Nigerian Tertiary Hospital ICU. *Afr. J. Infect. Dis.* 8(1): 14-18.
- Paju, N., Paulina, V.Y.Y., & Novel, K. 2013. Uji efektivitas salep ekstrak daun binahong (*Anredera cordifolia* (Ten.) Steenis) pada kelinci (*Oryctolagus cuniculus*) yang terinfeksi bakteri *Staphylococcus aureus*. *Jurnal Ilmiah Farmasi - UNSRAT*, 2(1): 51-61.
- Peleg, A. Y., & Hooper, D.C. 2010. Hospital-Acquired Infections Due to Gram-Negative Bacteria. *The New England J. of Medicine*, 362:1804-1813.
- Pratiwi, S.T. 2008. *Mikrobiologi Farmasi*. Yogyakarta. Erlangga
- Priyanti. 2008. *Farmakologi dasar untuk mahasiswa farmasi dan keperawatan* (Edisi: 2). Depok: Lembaga Studi dan Konsultasi Farmakologi (Leskonfi).
- Shlaes, D.M., Gerding, D.N., John, J.F., Craig, W.A., Bornstein, D.L., Duncan, R.A., Eckman, M.R., Farrer, W.E., Greene, W.H., Lorian, V., Levy, S., McGowan, J.E., Paul, S.D., Ruskin, J., Tenover, F.C., & Watanakunakorn, C. 1997. Society for Healthcare Epidemiology and America Infectious Disease Society of America Joint Committee on the Prevention of Antimicrobial Resistance: Guidelines for the Preventions of Antimicrobial Resistance in Hospital. *J. of Infection Control and Hostpital Epidemiology*, 18 (4): 275-291.
- Smith, P. 2008. Making sense of multidrug resistant organisms. *PNT*, 12(5): 16-19.
- Strobel, G.A. 2003. Endophytes as sources of bioactive products. *Microbes and Infections*, 5(6): 535-44
- Tan, R.X., & Zou, W.X. 2001. Endophytes: a rich source of functional metabolites. *Natural Product Report*, 18(4): 448-59.
- Taylor, M.W., Radax, R., Steger, D., & Wagner, M. 2007. Sponge-associated microorganism dengan spons dan karang lunak sebagai antibakteri dari perairan Pulau Tegal Lampung. *Maspuri Journal*, 4 (2):225-230.
- Thakur, N.L., & Müller, W.E. 2004. Biotechnological Potential of Marine Sponges. *J. Current Science*. 86 (11): 1506–1512
- Widyana, W., Siti, K., & Irwan, L. 2014. Aktivitas antibakteri ekstrak lumut *Octoblepharum albidium* Hedw terhadap pertumbuhan *Staphylococcus*

epidermidis dan *Pseudomonas aeruginosa*. *Jurnal Protobiont*, 3(2) 166 – 170.

World Health Organization. 2013. *Evidence of hand hygiene to reduce transmission and infections by multidrug resistant organisms in health-care settings*. Geneva: WHO Press.

World Health Organization. 2013. *World Health Statistic 2013*. Geneva: WHO Press.

Zhang, H., Lee, Y.K., Zhang, W., & Lee, H.K. 2006. Culturable actinobacteria from the marine sponge *Hymeniacidon perleve*: isolation and phylogenetic diversity by 16S rRNA gene-RFLP analysis. *Antonie van Leeuwenhoek*, 90: 159–169.

