

## DAFTAR PUSTAKA

- Al-Ahmadey ZZ dan Mohamed SA. "Antimicrobial Susceptibility Pattern of Bacterial Isolates in The Intensive Care Unit of Al-Ansar Hospital, Saudi Arabia. *European Journal of Advanced Research in Biological and Life Science*. 2013;1(1):17-27.
- Alfath, C.R., Yulina, dan Sunnati. 2013. Antibacterial Effect of Granati Fructus Cortex Extract on *Streptococcus mutans* Invitro. Aceh: *Journal of Dentistry Indonesia 2013*, Vol.20, No.1, 5-8.
- Akalin, E. H. 2002. "The evolution of guidelines in an era of cost containment. Surgical prophylaxis. *J Hosp infect. National Library of Medicine* doi: 10.1053/jhin.2001.1121
- Anderson, J. E., Goetz C.M., Mc Laughlin J.L. 1991. A Blind comparison of Simple Bench-top Bioassay and Human Tumor Cell Cytotoxicities as Antitumor Prescreens, *Natural Product Chemistry, Elsevier*, Amsterdam.
- Angelica N (2013) Aktivitas Antibakteri Ekstrak Etanol Daun dan Kulit Batang Kayu Manis (*Cinnamomum burmannii* (Nees & Th. Nees)) terhadap *Escherichia coli* dan *Staphylococcus aureus*. *Calyptra* 2(2):1-8.
- Anwar, R. 2018. Apigenin Daun Rasamala (*Altingia excelsa* nornha) Sebagai Antibakteri *Enterococcus faecalis*, *Inssiva Dental Journal*. 7(2):37-42.
- Astari, Saskya Maulidya, Rialita, Ambar, Mahyarudin. 2021. Aktivitas Antibakteri Isolat Bakteri Endofit Tanaman Kunyit (*Curcuma longa* L.) Terhadap Pertumbuhan *Staphylococcus aureus*, *Jurnal Fitofarmaka Indonesia*, 8(2) 9-16
- Beck HC, Hansen AM, Lauritsen FR. 2003. Novel pyrazine metabolites found in polymyxin biosynthesis by *Paenibacillus polymyxa*. *FEMS Microbiol Lett* 220: 67–73.
- Bhore S. J., G. Sathisha. 2010. Screening Of Endophytic Colonizing Bacteria For Cytokinin-Like Compounds: Crude Cell-Free Broth Of Endophytic Colonizing Bacteria Is Unsuitable In Cucumber Cotyledon Bioassay. *World Journal of Agricultural Sciences*, 6, 4, 345-352
- Bhore S. J., G. Sathisha. 2010. Screening Of Endophytic Colonizing Bacteria For Cytokinin-Like Compounds: Crude Cell-Free Broth Of Endophytic Colonizing Bacteria Is Unsuitable In Cucumber Cotyledon Bioassay. *World Journal of Agricultural Sciences*, 6, 4, 345-352.

- Boleng, Didimus Tanah. 2015. Bakteriologi : Konsep-Konsep Dasar. Universitas Muhammadiyah Malang, Malang.
- Castillo UF, Strobel GA, dan Ford EJ. 2002. Munumbicins, wide-spectrum antibiotics produced by *Streptomyces* NRRL 30562, endophytic on *Kennedia nigricans*. *Microbiology*, 148, 2675–2685.
- CDC. 2013. *Pseudomonas aeruginosa* in Healthcare Settings. Tersedia di: <http://www.cdc.gov/hai/organisms/pseudomonas.html> [diakses: 7 November 2014].
- Cho, K. M., Hong, S.Y., Lee, S.M., Kim, Y. H., Kahng, G.G., Lim, Y.P., Kim, H., and Yun, H.D. 2007. Endophytic Bacterial Communities in Ginseng and Their Antifungal Activity Against Pathogens. *Microbial. Ecol.* 54, 341–351.
- Clarke, A.C., Burtenshaw, M.K., McLenachan, P.A., Erickson, D.A. and Penny, D. (2006). Reconstructing the origins and dispersal of the polynesian bottle gourd (*Lagenaria siceraria*). *Molecular Biology and Evolution*, 23: 893–900.
- Compant, S., B. R Eiter, A. S Essitch, J. N Owak, C. C Lement, and E.A Barka. 2010. Endophytic Colonization of *Vitis vinifera* L. by Plant Growth-promoting Bacterium *Burkholderia* sp. strain PsJN. *Applied and Environmental Microbiology* 71 : 1685 – 1693
- Davis. & Stout. (1971). Disc Plate Method Of Microbiological Antibiotic Essay. *Journal Of Microbiology* 22 (4).
- Djamaan, A., A. Agustien dan D. Yuni. 2012. Isolasi Bakteri Endofit Dari Tumbuhan Surian (*Toona sureni* Blume Merr.) Yang Berpotensi Sebagai Penghasil Antibakteri. *Jurnal Bahan Alam Indonesia*, 8.1. ISSN 1412-2856
- Djamaan, A., Asia, R. Wahyuni. 2014. Isolasi Mikroba Endofit Dari Kulit Batang, Daun, Dan Kulit Buah Manggis (*Garcinia mangostana* L.) Pengkulturan Serta Uji Aktivitas Antimikrobanya. *Jurnal Farmasi Higea*, 6 (1): 90-97
- Esquinas-Alcazar, J.T. and Gulick, P.J. (1983) *Genetic Resources of Cucurbitaceae*. IPBGR, Rome.
- Eva Marlina & Chairul Saleh. 2011. Uji Fitokimia Dan Aktivitas Antibakteri Ekstrak Kasar Etanol, Fraksi Heksana, Etil Asetat Dan Metanol Dari Buah Labu Air (*Lagenaria siceraria* (Molina) Standl) *Jurnal Kimia Mulawarman Volume 8 Nomor 2*, Mei 2011 . ISSN1693-5616
- Gaffar, Shabarni. 2007. *Buku Ajar Bioteknologi Molekul*. Jurusan Kimia, FMIPA-UNPAD. Bandung

- Garrity, G.M., Lilburn, J.R. Cole, S.H. Harrison, J. Euzeby, and B.J. Tindall. 2007. Taxonomic Outline of the Bacteria and Archaea, Release 7.7. Michigan : Michigan State University Board of Trustees. P. 364, 464.
- Gong L., Goswamic S., Giacomini K.M., Altman R.B. and Kleina T.E., 2012, Metformin pathways: pharmacokinetics and pharmacodynamics, Pharmacogenetics Genomics, 22 (11), 820–827
- Gorasiya, H.J., Paranjape, A., and Murti, K., 2011, Pharmacognostic And Pharmacological Profile Of Lagenaria siceraria (Molina) Standley: A Review, Pharmacologyonline, 3, 317-324.
- Heni, S. Arreneuz, dan T. A. Zaharah. 2015. Efektivitas Antibakteri Ekstrak Kulit Batang Belimbing Hutan. (*Baccaurea angulata* Merr.) Terhadap *Staphylococcus aureus* dan *Escherichia coli*. JKK 4(1): 89-90.
- Ismail, Y.S., Cut Y., Putriani. 2017. Isolation, characterization and antimicrobial activity of lactic acid bacteria from the fermented cacao seed (*Theobroma cacao* L.) BIOLEUSER. 1(2):45-53 Agustus 2017
- Jamsari. 2007. Bioteknologi pemula: Prinsip Dasar dan Aplikasi Analisis Molekuler. Riau: Universitas Riau press.
- Janda MJ, and Abbott SL 2007. *16S rRNA Sequencing for Bacterial Identification in the Diagnostic Laboratory*, Pluses, Perils, and Pitfalls, Microbial Diseases Laboratory, Division of Communicable Disease Control, California department of Public Health, Richmond, California 94804, Journal of Clinical Microbiology.
- Jannah, M. 2018. Optimasi proses Produksi Antibiotika Menggunakan Isolat Bakteri Endolitik Secara Fermentasi dan Mutasi. Tesis. Magister Bioteknologi, Sekolah Pascasarjana, Universitas Andalas.
- Jill E, Clarrige III 2004. *Impact of 16S rRNA gene Sequence Analysis for Identification of Bacteria on Clinical Microbiology and Infectious Diseases*, department of laboratory Medicine, University of Washington, and Pathology and Laboratory Medicine Service, Veterans Affairs Medical center, Seattle, Washington. Clinical Microbiology review.
- Joshi, P., Kulkarni, M., dan Joag, S., 2013. Higher antioxidant activity in decoction than raw fruit parts of *Lagenaria siceraria* (Mol.), Free Radicals and Antioxidants. 3(1): 52 -54.
- Julianto, tatang shabur. 2019. Fitokimia Tinjauan Metabolit Sekunder dan Skrining fitokimia. Universitas Islam Indonesia

Kayser, F.H., Bienz, K.A., Eckert J., & Zinkernagel, R.M. 2005. Fungi as Human Pathogens: Medical Microbiology. New York: Thieme Stuttgart.

Kenneth T.Todar's Online Textbook of bacteriology. New York :John Wiley dan Sons ; 2011.

Kumar, A, Partap, S, Sharma, NK, Jha, KK. 2012. Phytochemical, Ethnobotanical and Pharmacological Profile of *Lagenaria siceraria*, Journal of Pharmacognosy and Phytochemistry. 3(1): 24-31

Krieg, N.R., Parte, A., Ludwig, W., Whitman, W.B., Hedlund, B.P., Paster, B.J., dkk., (2011). Bergey's Manual of Systematic Bacteriology: Volume 4: The Bacteroidetes, Spirochaetes, Tenericutes (Mollicutes), Acidobacteria, Fibrobacteres, Fusobacteria, Dictyoglomi, Gemmatimonadetes, Lentisphaerae, Verrucomicrobia, Chlamydiae, and Planctomycetes. Springer.

Koche, D. (2014) 'Role of Secondary Metabolites in Plants ' Defense Mechanism', Hislop College Publication Cell, 1(August), pp. 1-16.

Lim TK. 2012. *Edible Medicinal and Non Medicinal Plants: Volume 2, Fruits*. Canberra (AU): Springer Netherlands.

Leboffe, Michael J. and Burton E. Pierce. 2010. *Microbiology Laboratory Theory and Application Third Edition*. Morton Publishing Company. America.

Madigan, M. T., J. M. Martinko dan J. Parker. 2000. *Biology of Microorganisms* (9th Edition). New Jersey: Prentice Hall International, Inc.

Malfanova, N.V. (2013). Endophytic bacteria with plant growth promoting and biocontrol abilities. Respository Leiden University

Mustika N (2018) Pembuatan Nanopartikel dari Ekstrak Etanol Daun Pugin Tanah (*Picria felterrae* Lour) dan Uji Antibakteri terhadap *Staphylococcus aureus* dan *Escherichia coli*. Fakultas Farmasi Universitas Sumatera Utara. Medan.

Manning DS. 2010. *Escherichia coli Infection*. New York: Chelsea House Pub.

Martin, R. 1996. *Gel electrophoresis: Nucleid acids*. Oxford: Bros Scientific Publishers Ltd.

Noverita, F. Dinah dan S. Ernawati. 2009. Isolasi dan Uji Aktivitas Anti Bakteri Jamur Endofit dari Daun dan Rimpang Zingiber *Ottensii*, Jurnal Farmasi Indonesia, 4 (4), 172.

Nurkusuma, D. Faktor yang berpengaruh terhadap Metichillin-Resistant *Staphylococcus aureus* (MRSA) pada kasus infeksi luka pasca operasi di ruang perawatan bedah Rumah Sakit Dokter Kariadi Semarang. Tesis. Semarang : Universitas Diponegoro. 2009

Paju N, Yamlean PV, Kojong N (2013). Uji Efektivitas Salep Ekstrak Daun Binahong (*Anredera cordifolia* Steenis.) pada Kelinci (*Oryctolagus cuniculus*) yang Terinfeksi Bakteri *Staphylococcus aureus*. Pharmacon 2(1):51–61.

Prajapati, RP, Kalariya, M, Parmar, SK., Sheth, NR. 2010. Phytochemical and pharmacological review of *Lagenaria siceraria*. Journal of Ayurveda and integrative medicine,1(4):266–272.

Pelczar, M. J., Chan, E. C. S., 1988. Dasar-Dasar Mikrobiologi. Jakarta: Universitas Indonesia Press.

Pulungan, A. S. S., & Tumangger, D. E. (2018). Isolasi Dan Karakterisasi Bakteri Endofit Penghasil Enzim Katalase Dari Daun Buasbuas (*Premna Pubescens* Blume). *Biolink (Jurnal Biologi Lingkungan Industri Kesehatan)*, 5(1), 71–80. <https://doi.org/10.31289/Biolink.V5N1.1665>

Prasetyoputri, A. dan Atmosukarto, Ines. 2006. “Mikroba Endofit Sumber Acuan Baru yang Berpotensi”. *Biotrend*. Vol. 1(2)

Pelczar, Michael J dan Chan, E. C. S 2008. Dasar-Dasar Mikrobiologi Jilid I. Jakarta: UI Press.

Rau. C.H, Yudistira, A. Herni E.I. Isolasi, Identifikasi Secara Molekuler Menggunakan Gen 16S rRNA, dan Uji Aktivitas Antibakteri Bakteri Simbion Endofit Yang Diisolasi Dari Alga *Halimeda Opuntia*. Simbala Program Studi Farmasi EMIPA UNSRAT Manado

Redell, P., dan Gordon, V., (2000). Lesson From Nature – Can Ecology Provide New Leads In The Search For Novel Bioactive Chemicals From Rain Forest? p. 205-212. In S.K. Wrigley, M.A. hayes., R. Thomas., E.J.T. Chrystal., and N. Nicholson (ed)., *Biodiversity: New Leads For Pharmaceutical and Agrochemical Industries*. The Royal Society of Chemistry, Chambridge, UK, pp. 205 - 212.

Raakhee T, Rao US. Prevalence and Resistance Pattern of *Pseudomonas* Strains Isolated from ICU Patients. *Int. J.Curr.Microbiol.App.Sci.* 2014;3(3):527-534

Rini, C.S., Rohmah .J. 2020. *Bakteriologi Dasar*. UMSIDA PRESS; Sidoarjo Universitas Muhammadiyah sidoarjo

Reinhold-Hurek B, Maes T, Gemmer S, Van Montagu M, Hurek T. An Edoglucanase is Involved in Infection of Rice Roots by the Not cellulose-metabolizing Endophyte *Azoarcus* sp. Strain BH72. 2006. *Mol Plant Microbe Interact* . Vol 19.

Robinson, T. (1995). *Kandungan kimia organik tumbuhan tingkat tinggi*. Bandung: Institut Teknologi Bandung.

Radji, M. 2005. Peranan bioteknologi dan mikroba endofit dalam pengembangan obat herbal. 3, 113-126.

Rychlik W. Selection of primers for polymerase chain reaction. *Mol Biotechnol*. 1995 Apr;3(2):129-34. doi: 10.1007/BF02789108. PMID: 7620973.

Safitri AU .2016. Aktivitas Antibakteri Nanopartikel Kitosan Berbasis Cangkang Lobster terhadap Bakteri. *Staphylococcus aureus* dan *Staphylococcus epidermidis*. FPIK IPB. Bogor

Teles, YCF, Souza, MSR, Souza, MDFVD. 2018. Sulphated Flavonoids: Biosynthesis, Structures, and Biological Activities. *Molecules*. 23(2):480-491.

Saleh, C. & Marlina, E. (2011). Uji fitokimia dan aktivitas antibakteri ekstrak kasar etanol, fraksi n-heksan, etil asetat dan metanol dari buah labu air (*Lagenaria siceraria* (Molina) Standl.). *Jurnal Kimia Mulawarman*, 8(2), 693-5616.

Schlegel, H. G. and K. Schmidt. (1994). *Microbiology Six Edition*. (Terjemahan Mikrobiologi Umum edisi Keenam. Diterjemahkan Oleh Tedjo Baskoro). Gajah Mada University Press, Yogyakarta.

Songer, J. G., Post, K. W., 2005. *Veterinary Microbiology*. St. Louis: Elsevier.

Soekiman, S. 2016. *Infeksi Nosokomial Di Rumah Sakit-Hospital Nosocomial Infections*. Pertama. Edited by Mariyam. Surabaya: CV.Sagung Seto.

Sintawati, F.X dan Indirawati, T.N. 2009. Faktor-Faktor Yang Mempengaruhi Kebersihan Gigi Dan mulut Masyarakat DKI Jakarta Tahun 2007. *Jurnal Ekologi Kesehatan*. Volume 8. No-1. Maret 2009. Hal 860-873.

Shah, B. N., Seth, A. K. & Desai, R. V. (2010). Phytopharmacology profile of *lagenaria siceraria*: A review. *Asian Journal of Plant Science*, 9(3), 152-157.

Simanjuntak P, Bustanussalam, Otovina DM, Rahayuningsih M, Said EG. 2004. Isolasi dan identifikasi artemisinin dari hasil kultivasi mikroba endofit dari



tanaman *Artemisia annua*. [studi mikroba endofitik tanaman *Artemisia spp.*]. *Majalah Farmasi Indonesia* 15 (2) : 68- 74.

Stanbury PF, Whitaker A, Hall SJ. *Principles of Fermentation Technology: Third Edition*. Princ Ferment Technol Third Ed. 2016;1–803.

Tyagi, N., Sharma, G.N., and Hooda, V., 2012, Phytochemical and Pharmacological Profile of *Lagenaria siceraria*: an Overview, *I.R.J.P*

Tamura, K., D. Peterson, N. Peterson, G. Stercher, M. Nei, and S Kumar. 2011. MEGA 5: Molecular Evolutionary Genetics Analysis Using Maximum Likelihood, evolutionary Distance and Maximum Parsimony Methods. *Mol. Biol. Evol.* 10.1093.

The Wealth of India, 2004. A Dictionary of Indian raw materials & industrial products. CSIR, New Delhi III, 16-19.

Utami, E.R. 2012. Antibiotika, Resistensi dan Rasionalitas Terapi. *Sainstis*. Volume 1, Nomor 1, April – September 2012 ISSN: 2089-0699

Wang, M, Firman, J, Liu, L, Yam, K. 2019. A review on Flavonoid: Dietary Intake, ADME, Antimicrobial Effects, and Interactions with Human Gut Microbiota, *BioMed Research International*. 7010467:1-18

Wu DC, Chan WW, Metelitsa AI, Fiorillo L, Lin AN. *Pseudomonas* skin infection. *Am J Clin Dermatol*. 2011;12(3):157–169.

Widowati Tiwit, D. (2016) 'Isolasi dan Identifikasi Kapang Endofit dari Tanaman Kunyit sebagai Penghasil Antioksidan', *Biopropal Industri*, 7(1), pp. 9–16.

