

DAFTAR PUSTAKA

- Akiyama H, Fujii K, Yamasaki O, Oono T, Iwatsuki K (2001). Antibacterial action of several tannins against *Staphylococcus aureus*. *J. Antimicrob. Chemother.* 48: 487-491.
- Alisa Moric Johnson, PhD., 2013. Saponins as agents preventing infection caused by common waterborne pathogens. Presented to the Faculty of the Graduate School of The University of Texas at Arlington in Partial Fulfillment of the Requirements for the Degree of DOCTOR OF PHILOSOPHY THE UNIVERSITY OF TEXAS AT ARLINGTON.
- Alvarez MDLA, Debattista NB, Pappano NB (2006). Synergism of flavonoids with bacteriostatic action against *Staphylococcus aureus* ATCC 25 923 and *Escherichia coli* ATCC 25 922. *Biocell* 30(1): 39-42.
- Boot HJ, Kolen C, Andreadaki FJ, Leer RJ, Pouwels PH (1996a). The *Lactobacillus acidophilus* S-layer protein gene expression site comprises two consensus promoter sequences, one of which directs transcription of stable mRNA. *J. Bacteriol.*, 178(18): 5388.
- Boot HJ, Kolen CPAM, Pouwels PH (1996b). Interchange of the active and silent S layer protein genes of *Lactobacillus acidophilus* by inversion of the chromosomal slp segment. *Mol. Microbiol.*, 21(4): 799-809.
- Cushnie T.P. Tim, Lamb A.J., 2005. Antimicrobial activity of flavonoids. *International Journal of Antimicrobial Agents* 26: 343-356.
- Delcour J, Ferain T, Deghorain M, Palumbo E, Hols P (1999). The biosynthesis and functionality of the cell-wall of lactic acid bacteria. *Antonie van Leeuwenhoek*, 76(1): 159-184.
- Felis, G. E & Dellaglio, F. 2007. Taxonomy of Lactobacilli and bifidobacteria. *Curr Issues Intest Microbiol* 8: 44-61.
- Gilman, A. G., T. Rall., A. Nies and P. Taylor (1991). *The Pharmacological Basic Of The Raupetics*. Pergamon Press Inc.
- Hagerman, A. E., M. E. Rice and N. T. Richard (1998). Mechanisms of Protein Precipitation For Two Tannins, Pentagalloyl Glucose and Epicatechin 16 (4-8) Catechin (Procyanidin). *Journal of Agri. Food Chem.* Vol 46.
- <http://danupratamasetiawan.blogspot.com/2012/01/kersen.html>
- Hynönen. U. and Palva. A (2013). Lactobacillus surface layer proteins: structure, function and applications. *Appl Microbiol Biotechnol*, 97:5225–5243
- Ilyas, M. (2008). Daya hambat ekstrak buah mengkudu terhadap pertumbuhan *Candida albicans*. *Jurnal Kedokteran Gigi Dentofacial*, 7 (1), 7-12
- Kartikasari, Ida Ayu., Soelistono., Prihartiningsih. 2008. Pengaruh

- Streptococcus α-haemolyticus* Hasil Isolasi Paska Pencabutan Gigi Molar Ketiga Mandibula (kajian in vitro). FKG UGM.
- Kidd E A M, dan Bechal S. J., 2012, *Dasar-Dasar Karies : Penyakit dan Penanggulangannya*. Alih bahasa : Narlan Sumawinata dan Faruk S. Judul Asli : *Essential of Dental Caries (2012)*. Jakarta : Penerbit Buku Kedokteran EGC
- Mobili. P., Gerbino. E., Tymczyszyn. E. E. and Gómez-Zavaglia. A (2010). S-layers in lactobacilli: structural characteristics and putative role in surface and probiotic properties of whole bacteria. *Current Research, Technology and Education Topics in Applied Microbiology and Biotechnology* A. Méndez-Vilas (Ed), pp: 1224 – 1234.
- Naim, R. (2004). Senyawa Antimikroba dari Tanaman [Online]. Tersedia: (<http://kompas.com/kompas-cetak/0409/15/sorotan/1265264.htm>).
- Noorhamdani, Yosef, Herman, Dian, Rosalia. 2011. Uji Ekstrak Daun Kersen (*Muntingia calabura*) Sebagai Antibakteri Terhadap Methicillin-resistant *Staphylococcus aureus* (MRSA) Secara In vitro. *Jurnal Fakultas Kedokteran UB*.
<http://fk.ub.ac.id/artikel/id/filedownload/kedokteran/Majalah%200910710101.pdf>.
- Preethi, Kathirvel, Premasudha, Paramasivam, Keerthana, Kittusamy. 2012. Anti-inflammatory Activity of *Muntingia calabura* Fruits. *Pharmacognosy Journal*, 4 (30): 51-56.
- Radji M., 2005. Peranan Bioteknologi Dan Mikroba Endofit Dalam Pengembangan Obat Herbal. *Majalah Ilmu Kefarmasian*, Vol. II, No. 3, Desember 2005, 113-126.
- Rosiana A.D., Noor Erma , N.S. dan Isnaeni. (2008). Pengaruh Asam-asam Organik terhadap Pertumbuhan *Lactobacillus acidophilus*, *Lactobacillus bulgarius* dan *Lactobacillus casei* (bakteri asam laktat). *Majalah Farmasi Airlangga*, Vol.6 No.2
- Samaranayake, Lakshman. 2006. *Essensial Microbiology for Dentistry* (3rd ed). Philadelphia: Elsevier.
- Sani, M.H., Zakaria, Z.A., Balan, T., Teh, L.K., Salleh, M.Z., 2012. Antinociceptive Activity of Methanol Extract of *Muntingia calabura* Leaves and the Mechanisms of Action Involved. *Evidence-Based Complementary and Alternative Medicine*, Volume 2012, Article ID 890361, page 1-10.
- Sirait M. (2007). Penuntun Fitokimia dalam Farmasi. Bandung: ITB.
- Slomkwoska, G.S., dan Zrobek, J.J., 2007. The effect of oral health education on dental plaque development and the level of caries-related *streptococcus mutans* and *lactobacillus sp.* *European Journal of Orthodontics* 29, 157-160).

- Strelkauskas, A., Strelkauskas, J., Moszyk-Strelkauskas, D. (2010) *Microbiology: A Clinical Approach*. New York/Oxford, Garland Science.
- Suwelo IS. Karis gigi pada anak dengan pelbagaifaktor etiologi. Jakarta: EGC; 1992. H, 23-7.
- Tanjong, Asviana. 2011. *Pengaruh Konsentrasi Ekstrak Kelopak Bunga Rosella (Hibiscus sabdariffa L.) Terhadap Koloni Candida albicans yang Terdapat pada Plat Gigi Tiruan* [Versi elektronik]. Skripsi strata satu, Universitas Hassanuddin, Makassar.
- Tortora, G.J., Funke, B.R., Case, C.L. (2007). *Microbiology*, ninth edition. United States of America.
- Vijayakumar J, Aravindan R, Viruthagiri T (2008). Recent trends in the production, purification and application of lactic acid. *Chem. Biochem. Eng.*, 22(2): 245.
- Vollmer W, Blanot D, De Pedro MA (2008). Peptidoglycan structure and architecture. *FEMS microbiology reviews*, 32(2): 149-167.
- Zakaria. Z. A., Fatimah. C. A., Mat Jais. A. M., Zaiton. H., Henie. E. F. P., Sulaiman. M. R., Somchit. M. N., Thenamutha. M., Kasthuri. D (2006). The *in vitro* antibacterial activity of *Muntingia calabura* extracts. *Int. J. Pharmacol.* 2(4): 439-442.
- Zakaria. Z. A., Mat Jais. A. M., Mastura. M., Mat Jusoh. S. H., Mohamed A. M., Mohd. N. S., Jamil., Rofiee. M. S., Sulaiman. M. R (2007d). *In vitro* antistaphylococcal activity of the extracts of several neglected plants in Malaysia. *Int. J. Pharmacol.* 3(5): 428-431.
- Zakaria. Z. A., Mohamed. A.M., Jamil. N. S. M., Rofiee. M. S., Hussain. M. K., Sulaiman. M. R., The. L. K and Salleh. M. Z (2011). *In Vitro* Antiproliferative and Antioxidant Activities of the Extracts of *Muntingia calabura* Leaves. *The American Journal of Chinese Medicine*, Vol. 39, No. 1, 183-200.
- Zakaria. Z. A., Mohd. N. A, Hazalin Nor, Mohd Zaid. S. N. H., Abdul Ghani. M., Hassan. M. H., Gopalan. H. K., Sulaiman. M. R (2007a). Antinociceptive, anti-inflammatory and antipyretic effects of *Muntingia calabura* aqueous extract in animal models. *J. Nat. Med.* 61: 443-448.
- Zakaria. Z. A., Safarul. M., Sulaiman. M. R., Mat Jais. A. M., Somchit M. N., Fatimah. C. A (2007b). The antinociceptive action of aqueous extract from *Muntingia calabura* leaves: The role of opioid receptors. *Med. Prin. Pract.* 16: 130-136.
- Zakaria. Z. A., Safarul. M., Valsala. R., Sulaiman. M. R., Fatimah. C. A. and Mat Jais. A. M (2005a). Influence of temperature on the opioid-mediated antinociceptive activity of *Corchorus olitorius* L. in mice. *Naunyn Schmiedeberg's Arch. Pharmacol.*, 372: 52-62.
- Zakaria. Z. A., Somchit. M. N., Sulaiman. M. R., Mat Jais. A. M, Fatimah. C. A (2008). *Effects of various receptor antagonist, pH and*

- Zakaria. Z. A., Sufian. A. S., Ramasamy. K., Ahmat. N., Sulaiman. M. R., Arifah. A. K., Zuraini. A. and Somchit. M. N (2010). *In vitro* antimicrobial activity of *Muntingia calabura* extracts and fractions. *African Journal of Microbiology Research* Vol. 4 (4), pp. 304-308.
- Zakaria. Z. A., Zaiton. H., Henie. E. F. P., Mat Jais. A. M., Kasthuri. D., Thenamutha. M., Othman. F. W., Nazaratulmawarina. R and Fatimah. C. A (2010). The *in vitro* Antibacterial Activity of *Corchorus olitorius* and *Muntingia calabura* Extracts. *Journal of Pharmacology and Toxicology* 5 (8): 480-486.