

DAFTAR PUSTAKA

- Al-Nazhan, S., dan Al-Obaida, M., 2007, Effectiveness of a 2% Chlorhexidine Solution Mixed with Calcium Hydroxide Against *Candida albicans*, *Aust. Endod. J.*, 1-3.
- Azeredo, J., Visser, J., dan Oliveira, R., 1999, Exopolymers in Bacterial Adhesion: Interpretation in Terms of DVLO and XDLVO Theories, *Biointerfaces*, 14: 141-148.
- Azuma, A., Akiba, N., dan Minakuchi, S., 2012, Hydrophilic Surface Modification of Acrylic Denture Base Material by Silica Coating and Its Influence on *Candida albicans* Adherence, *J. Med. Dent. Sci.*, 59: 1-7.
- Balogopal, S., dan Arjunkumar, R., 2013, Chlorhexidine: The Gold Standard Antiplatelet Agent, *J. Pharm. Sci. & Res.*, 5(12): 270-274.
- Bhowmik, D., Kumar, K.P.S., Yadav, A., Srivastava, S., Paswan, S., dan Dutta, A.S., 2012, Recent Trends in Indian Traditional Herbs *Syzygium aromaticum* and its Health Benefits, *J. Pharm. Phytochem.*, 1(1): 13-22.
- Borkar, S., 2015, *Bioprospects of Coastal Eubacteria: Ecosystems of Goa*, Springer, London, 196-197.
- Brooks, G.F., Carrol, K.C., Butel, J.S., Morse, S.A., dan Mietzner, T.A., 2005, *Jawetz, Melnick, & Adelberg's Medical Microbiology*, 22nd ed, Mc Graw Hill, New York, 550.
- Budtz-Jorgensen, E., 2000, Ecology of Candida-Associated Denture Stomatitis, *Microbial Ecology in Health and Disease*, 12:170-185.
- Camacho, D.P., Gasparetto, A., dan Svidzinski, TIE., 2007, The Effect of Chlorhexidine and Gentian violet in the Adherence of *Candida spp.* to Urinary Catheters. *Mycophatologia*, 163: 261-266.
- Cannon, R.D., dan Chaffin, W.L., 2001, Colonization is a Crucial Factor in Oral Candidiasis, *J. Dent. Ed.* 65(8): 785-787.
- Cannon, R.D., dan Firth, N.A., 2006, Fungi and Fungal Infections of The Oral Cavity, dalam Lamount, R.J., Lantz, M.S., Burne, R.A., dan Le Blanc, D.J. (eds.), *Oral Microbiology and Immunology*, ASM Press, Washington, 333.
- Chakrabarti, A., 2011, Drug Resistance in Fungi- An Emerging Problem, *Regional Health Forum.*, 15(1): 97-103.
- Chen, Ji., Spear, S.K., Huddleston, J.G., dan Rogers, R.D., 2005, Polyethylene Glycol and Solution of Polyethylene Glycol as Green Reaction Media, *Green. Chem.*, 7: 64-82.

- Chobe, S.S., Adole, V.A., Deshmukh, K.P., Pawar, T.B., dan Jagdale, B.S., 2014, Poly (ethylene glycol) (PEG-400): A Green Approach Towards Synthesis of Novel Pyrazolo (3,4)-d Pyrimidin-6-Amines Derivatives and Their Antimicrobial Screening, *AASRC*, 6 (2): 61-66
- Clerehugh, V., Tugnait, A., dan Gence, R., 2009, *Periodontology at a Glance*, Wiley-Blackwell, USA.
- Dahlan, M. S., 2011, *Statistik Untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, dan Multivariat*, ed. 5, Salemba Medika, Jakarta.
- Dangi, Y.S., Soni, M.L., Namdeo, K.P., 2010, Oral Candidiasis: A Review, *Int. J. Phar. Pharm. Sci.*, 2(4): 36-41.
- Danyer, S., Hodges, N.A., dan Gorman, S.P., 2004, *Hugo and Russell's Pharmaceutical Microbiology*, Blackwell Science, USA, 44.
- Dawane, B.S., Konda, S.G., Shaikh, B.M., Chobe, S.S., Khandare, N.T., Kamble, V.T dan Bhosale, R.B., 2010, Synthesis and *In Vitro* Antimicrobial Activity of Some New 1-Thiazolyl-2-Pyrazoline Derivatives, *Int. J. Pharm. Sci.*, 1(2): 44-48
- Diastuti, H., dan Suwandri., 2009, Fraksinasi dan Identifikasi Senyawa Antikanker Ekstrak Kulit Batang *Rhizopora mucronata* Serta Uji Toksisitasnya Terhadap Larva Udang (*Artemia salina Leach*), *Molekul*, 4(2): 54-61.
- Duckworth, R.M., 2006, *The Teeth and Their Environment Physical: Chemical and Biochemical Influences*, Karger, Switzerland.
- El-Azizi, M., dan Khardori, N., 1999, Factors Influencing Adherence of *Candida spp.* to Host Tissues and Plastic Surfaces, *Indian. J. Exp. Biol.*, 37: 941-951.
- Feng, Ju-Hong., Chen, W., Zhao, Y., dan Ju, Xiu-Lian., 2009, Anti-Tumor Activity of Oleanolic, Ursolic and Glycyrrhetic Acid, *The Open Natural Products Journal*, 2: 48-52.
- Fontanay, S., Grare, M., Mayer, J., Finance, C., Duval, R.P., 2008, Ursolic, Oleanolic and Betulinic Acids: Antibacterial Spectra and Selectivity Indexes, *J. Ethnopharmacol.*, 272-276.
- Fredricks, D.N., 2013, *The Human Microbiota*, Wiley-Blackwell, USA.
- Ghannoum, M.A., dan Radwan, S.S., 1990, *Candida Adherence to Epithelial Cells*, CRC Press, Bosca Raton, 179.
- Ghom, A.G., 2007, *Textbook of Oral Medicine*, Jaypee Brothers, New Delhi, 139.
- Greenberg, M., Glick, M., Ship, J.A., 2008, *Burket's Oral Medicine*, 11th ed, BC Decker, India, 79,82.

- Gunadi, H.A., Margo, A., Burhan, L., Suryatenggara, F., dan Setiabudi, I., 1991, *Buku Ajar Ilmu Geligi Tiruan Sebagian Lepas*, Jilid 1, Hipokrates, Jakarta, 12-13, 31-32, 40.
- Habila, J.D., Shode, F.O., Ndukwe, G.I., Amupitan, J.O., dan Nok, A.J., 2012, Effect of C-3 Modification of Oleanolic Acid on *Candida* spp., *Trichophyton tonsurans* and *Microsporum canis* Inhibition, *Pharmacol. Res.*, 3(8): 313-324.
- Harborne, J.B., 2006, *Metode Fitokimia*, 6th ed., Penerbit ITB, Bandung, 6, 123, 153.
- Harlis dan Wahyuni, I., 2008, Pengaruh Ekstrak Daun Sirih (*Piper betle* Linn.) Terhadap Pertumbuhan Bakteri *Streptococcus viridians*, 1(1): 11-14.
- Hasan, S., Danishuddin, M., Adil, M., Singh, K., Verma, P.K dan Khan, A.U., 2012, Efficacy of *E. officinalis* on the Cariogenic Properties of *Streptococcus mutans*: A Novel and Alternative Approach to Suppress Quorum-Sensing Mechanism, *Plos. One.*, 7(7): 1-12.
- Haw, B.P., Asma, I., Eugene, O., dan Sasidharan, S., 2013, Phenotyping Identification of *Candida albicans* for The Production of In House Helicase for Nucleic Acid-Based Detections for Fast Diagnosis, *RJPBCS*, 4(2): 576.
- Hazen, K.C., Brawner, D.L., Riesselman, M.H., Jutila, M.A., dan Cutler, J.E., 1991, Differential Adherence of Hydrophobic and Hydrophilic *Candida albicans* Yeast Cells to Mouse Tissues, *Infect. Immun.*, 59(3): 907-912.
- Henriques, M., Azeredo, J., dan Oliveira, R., 2004, Adhesion of *Candida albicans* and *Candida dubliniensis* to Acrylic and Hydroxyapatite, *Biointerfaces*, 33: 235-241.
- Jager, S., Trojan, H., Kopp, T., Laszczyk, M.N., Scheffler, A., 2009, Pentacyclic Triterpene Distribution in Various Plants-Rich Sources for a New Group of Multi-Potent Plant Extracts, *Molecules*, 14: 2016-2031.
- Jimenez-Arellanes, A., Luna-Herrera, J., Cornejo-Garrido, J., Lopez-Garcia, S., Castro-Mussot, M.E., Meckes-Fischer, M., Mata-Espinosa, D., Marquina, B., Torres, J., dan Hernandez-Pando, R., 2013, Ursolic and Oleanolic Acids as Antimicrobial and Immunomodulatory Compounds for Tuberculosis Treatment, *BMC Complem. Altern. M.*, 13: 258.
- Jin, I.J., Ko, Y.I., Kim, Y.M., dan Han, S.K., 1997, Solubilization of Oleanolic Acid and Ursolic Acid by Cosolvency, *Arch. Pharm. Res.*, 20(3): 269-274.
- Kardinan, A., 2005, *Tanaman Penghasil Minyak Atsiri Komoditas Wangi Penuh Potensi*, Agro Media Pustaka, Jakarta, 13-15.

- Katsikogianni, M., dan Missirlis, Y.F., 2004, Concise Review of Mechanisms of Bacterial Adhesion to Biomaterials and of Techniques Used in Estimating Bacteria Material Interactions, *Eur. Cell. Mater.*, 8: 37-57.
- Kavanagh, K., 2007, *Medical Mycology: Cellular and Molecular Techniques*, Wiley, New York, 71, 75.
- Kumalasari E., dan Sulistyani, N., 2011, Aktivitas Antifungi Ekstrak Etanol Batang Binahong (*Anredera cordifolia* (Tenore) Steen.) Terhadap *Candida albicans* Serta Skrining Fitokimia, *Jurnal Ilmiah Kefarmasian*, 1(2): 51-62.
- Li, J., Hirota, K., Goto, T., Yumoto, H., Miyake, Y., dan Ichikawa, T., 2012, Biofilm Formation of *Candida Albicans* on Implant Overdenture Materials and its Removal, *J. Dent.*, 40: 686-692.
- Machado, F.C., Portela, M.B., Cuncha, A.C., Souza, I.P.R., Soares, R.M., Castro, G.F., 2010, Antifungal Activity of Chlorhexidine on *Candida* spp. Biofilm, *Rev. Odontol.*, 39(5): 271-275.
- Mahatmanti, F.W., dan Sumarni, W., 2003, Kajian Termodinamika Penyerapan Zat Warna Indikator Metil Oranye (MO) Dalam Larutan Air Oleh Adsorben Kitosan, *JSKA*, 2: 1-19.
- Masouka, J., dan Hazen, K.C, 1997, Cell Wall Protein Mannosylation Determines *Candida albicans* Cell Surface Hydrophobicity, *Microbiology*, 142:3015-3021.
- McMannus, B.A., dan Coleman, D.C., 2014, Molecular Epidemiology, Phylogeny and Evolution of *Candida albicans*, *Infect. Genet. Evol.*, 21: 166-178.
- Milewski, S., 2002, Glucosamine-6-Phosphate Synthase: The Mult-Facets Enzyme, *BBA*, 173-192.
- Milewski, S., Gabriel, I., dan Olchow, J., 2006, Enzymes of UDP-GlcNAc Biosynthesis in *Yeast*, *Yeast*, 23: 1-14
- Milind, P., dan Deepa, K., 2011, Clove: A Champion Spice, *IJRAP*, 2(1): 47-54.
- Murray, P.R., Rosenthal, K.S., dan Pfaller, M.A., 2005, *Medical Microbiology*, Elsevier Mosby, New York, 617,716.
- Nagappan, N., dan John, J., 2012, Antimicrobial Efficacy of Herbal and Chlorhexidine Mouth Rinse-A Systematic Review, *JDMS*, 2(4):5-10.
- Nisfiannoor, M., 2009, *Pendekatan Statistika Modern untuk Ilmu Sosial*, Salemba Humanika, Jakarta, 91-93, 97.
- Nostro, A., Cannatelli, M.A., Crisafi, G., Musolino, A.D., Procopio, F dan Alonzo, V., 2004, Modifications of Hydrophobicity, *In Vitro* Adherence and Cellular Aggregation of *Streptococcus mutans* by *Helichrysum italicum* Extract, *Lett. Appl. Microbiol.*, 38:423-427.

- Nowak, R., Wojciak-Kosior, M., Sowa, I., Sokolowska-Krzaczek., Pietrzak, W., Szczodra, A., dan Kocjan, R., 2013, HPTLC-Densitometry Determination of Triterpenic Acids in *Origanum Vulgare*, *Rosmarinus officinalis* and *Syzygium aromaticum*, *Acta. Pol. Pharm.*, 70 (3): 413-418.
- Nurdjannah, N., 2004, Diversifikasi Penggunaan Cengkeh, *Perspektif*, 3(2):61-70.
- Pappas, PG., Kauffman, C.A., Andes, D., Benjamin, D.K., 2009, Clinical Practice Guidelines for the Management of Candidiasis: 2009 Update by the Infectious Disease Society of America, *IDSA Guidelines*, 48: 503-507.
- Rad, A.Y., Ayhan, H., Piskin, E., dan Kiza, O., 2000, Hydrophobicities and Electrostatic Behavior of Different Micro-organisms, *Turk. J. Biol.*, 24: 215-231.
- Rao, P.K., 2012, Oral Candidiasis - A Review, *Scholarly Journals of Medicine*, 2(2): 26-30.
- Raut, J.S., Chauhan, N.M., Shinde, R.B dan Karuppayil, S.M., 2013, Inhibition of Planktonic and Biofilm Growth of *Candida albicans* Reveals Novel Antifungal Activity of Caffeine, *JMPR*, 7(13): 777-782.
- Regezi, J.A., Sciubba, J.J., dan Jordan, R.C.K., 2012, *Oral Pathology*, 6th ed., Missouri, Elsevier, 104,108.
- Rusli, M.S., 2010, *Sukses Memproduksi Minyak Atsiri*, AgroMedia Pustaka, Jakarta, 22-25.
- Ryan, K.J., dan Ray, C.G., 2010, *Sherrie Medical Microbiology*, 5th ed, Mc Graw Hill, New York, 704, 726.
- Sastrohamidjojo, H., 2002, *KROMATOGRAFI*, Liberty, Yogyakarta, 27-29.
- Sharanappa, R., dan Vidyasagar, G.M., 2013, Anti-*Candida* Activity of Medical Plants a Review, *Int. J. Pharm. Pharm. Sci.*, 5(4):9-16.
- Singh, R., Singh, A.K., Soam, A., dan Shahi, S.K., 2013, Antifungal Screening of Various Spice Extracts on Azole Resistant Strains of *Candida*, *International Journal of Current Discoveries and Innovations*, 2(1): 46-52.
- Sudbery, P., Gow, N., dan Berman, J., 2004, The Distinct Morphogenic States of *Candida albicans*, *TIMI*, 184:1-8.
- Sugiarto, A., dan Putera, T.D., 2008, *Buku Pintar Tanaman Obat*, AgroMedia Pustaka, Jakarta, 55-56.
- Susilowati, W., Agustini, I., Indriyastuti, N., 1997, Uji Antibakteri Ekstrak Biji Alpokat (*Persea Americana* Mill) dari Fraksi Petroleum Eter terhadap *Streptococcus alpha* (Secara *In Vitro*), *Balai Penalaran Mahasiswa UGM*, 3(2): 56-62.

- Tresniawati, C., dan Randriani, E., 2011, Uji Kekerabatan Akses Cengkeh di Kebun Percobaan Sukapura, *Buletin Plasma Nutfah*, 17(1): 40-45.
- Vasconcelos, MAL., Sampaio, F.C., Sampaio, MCC., Pereira, MSV., Higino, J.S., dan Peixoto, JHP., 2006, Minimum Inhibitory Concentration of Adherence of *Punica granatum* Linn (Pomegranate) Gel Against *S. mutans*, *S. mitis* and *C. albicans*, *Braz. Dent. J.*, 17(3): 223-227.
- Vidya, S. M., Krishna, V., Manjunatha, B. K., Rajesh, KPG., Bharath, B. R., Manjunatha, H., 2012, Antibacterial and Molecular Docking Studies of Entagenic Acid, a Bioactive Principle from Seed Kenel of Entada pursaetha DC, *Med. Chem. Res.*, 21: 1016-1022.
- Wallick, D., 2009, *Handbook of Pharmaceutical Excipients*, 6th ed., Pharmaceutical Press, New York, 517-522.
- Warsinah., Kusumawati, E., dan Sumarto., 2011, Identifikasi Senyawa Antifungi dari Kulit Batang Kecapi (*Sandoricum koetjape*) dan Aktivitasnya Terhadap *Candida albicans*, *Majalah Obat Tradisional*, 16(3): 165-173.
- Waston, D.G, 2003, *Pharmaceutical Analysis: A Textbook for Pharmacy Students and Pharmaceutical Chemists*, Churchill Livingstone, China, 277-278.
- Webb, B.C., Thomas, C.J., Willcox, M.D.P., Harty, D.W.S., and Knox, K.W., 1998, *Candida*-associated Denture Stomatitis, Aetiology and Management: A Review, *Aust. Dent. J.*, 43(1): 45-50.
- Williams, D., and Lewis, M., 2011, Pathogenesis and Treatment of Oral Candidosis, *J. Microbiol.*, 3-5771.
- Williams, D.W., Kuriyama, T., Silva, S., Malic, S., dan Lewis, M.A.O., 2000, *Candida* Biofilms and Oral Candidosis: Treatment and Prevention, *Periodontology*, 55: 250-265.
- Wojciechowski, M., Milewski, S., Mazerski, J dan Borowski, E., 2005, Glucosamine-6-Phosphate Synthase, a Novel Target for Antifungal Agents. Molecular Modelling Studies in Drug Design, *Acta. Biochim. Pol.*, 52(3): 647-653.
- Yunizar, M.F., Larnani, S., Nuryanti, A., 2014, Pengaruh Konsentrasi Minyak Atsiri Kayu Manis (*Cinnamomum burmannii*) Terhadap Daya Hambat Pertumbuhan *Enterococcus faecalis*, *BMIKGI*, 2(1): 1-11.
- Zarb, G.A., and Bolender, C.E., 2004, *Prosthodontic Treatment of Edentulous Patients*, 12th ed, Mosby, New York, 34.
- Zhao, H., Zhou, M., Duan, L., Wang, Wei., Zhang, J., Wang, D., dan Liang, X., 2013, Efficient Synthesis and Anti-Fungal Activity of Oleanolic Acid Oxime Esters, *Molecules*, 18: 3615-3629.