

## DAFTAR PUSTAKA

- Angkasawati, S., 2000, Alkaloid aktinodafnin dari *Actinodaphne glomerata* Ness, *Penelitian Tanaman Obat di Beberapa Perguruan Tinggi di Indonesia*, Jakarta, hal. 61 (Abstr.).
- Balogopal, S., dan Arjankumar, R., 2013, Chlorhexidine: The Gold Standard Antiplaque Agent, *J. Pharm. Sci. & Res.*, 5(12): 270-274.
- Benerjee, A., Pickard, H.M., dan Watson, T.F., 2011, *Pickard's Manual of Operative Dentistry*, OUP Oxford, Oxford.
- Bowen, W.H. dan Koo, H., 2011, Biology of *Streptococcus mutans*-Derived Glucosyltransferases: Role in Extracellular Matrix Formation of Cariogenic Biofilms, *Caries Research*, 45: 69-86.
- Buttriss, J.L., 2017, *Public Health Nutrition*, John Wiley & Sons, Inc., West Sussex.
- Cappelli, D.P. dan Mobley, C.C., 2008, *Prevention in Clinical Oral Health Care*, Mosby Elsevier, Missouri.
- Cawson, R.A. dan Odell, E.W., 2008, *Cawson's Essentials of Oral Pathology and Oral Medicine*, 8<sup>th</sup> ed., Churchill Livingstone Elsevier, New York.
- Celikel, N., dan Kavas, G., 2008, Antimicrobial Properties of Some Essential Oils against Some Pathogenic Microorganisms, *Czech J. Food Sci.*, 26(3): 174-181.
- Dahlan, M.S., 2014, *Statistik untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, dan Multivariat Dilengkapi Aplikasi dengan Menggunakan SPSS*, Edisi ke-3, Penerbit Salemba Medika, Jakarta.
- Das, M., 2015, *Chamomile: Medicinal, Biochemical and Agricultural Aspects*, CRC Press, Boca Raton.
- Desbois, A.P. dan Smith, V.J., 2010, Antibacterial free fatty acids: activities, mechanisms of action and biotechnological potential, *Appl. Microbiol. Biotechnol.*, 85: 1629-1642.
- Dickschat, J.S., 2010, Quorum sensing and bacterial biofilms, *Nat. Prod. Rep.*, 27: 343-369.
- Dimitrijevic, N.M., Takahashi, K., dan Jonah, C.D., 2002, Visible absorption spectra of crystal violet in supercritical ethane-methanol solution, *J. of Supercritical Fluids*, 24: 153-159.
- Engelkirk, P.G. dan Duben-Engelkirk, J.L., 2008, *Laboratory Disgnosis of Infectious Diseases: Essentials of Diagnostic Microbiology*, Lippincott Williams & Wilkins, Baltimore.
- Fejerskov, O., dan Kidd, E.A.M. (eds.), 2009, *Dental Caries: The Disease and Its Clinical Management*, Blackwell Monksgaard, Copenhagen, hal. 20.

- Fitranti, A., Sutjiati, R., dan Joelijanto, R., 2011, Perbedaan Potensi Pasta Gigi dan Obat Kumur yang Mengandung Fluor terhadap Jumlah Koloni *Candida albicans* pada Piranti Ortodonsi Lepas, *J. Kedokt. Meditek*, 17(45): 20-28.
- Flemming, H., dan Wingender, J., 2010, The biofilm matrix, *Nature Review*, 8: 623-633.
- Garg, N. dan Garg, A., 2015, *Textbook of Operative Dentistry*, 3<sup>rd</sup> ed., Jaypee Brothers Medical Publisher, New Delhi, 44.
- GBIF Secretariat, 2017, *Actinodaphne glomerata* (Bl.) Nees, *GBIF Backbone Taxonomy*, <https://www.gbif.org> (25/10/2017)
- Garcia-Godoy, F., dan Hicks, J., 2008, Maintaining the integrity of the enamel surface: The role of dental biofilm, saliva and preventive agents in enamel demineralization and remineralization, *JADA*, 139(5): 258-348.
- Garrett, T.R., Bhakoo, M., dan Zhang, Z., 2008, Bacterial adhesion and biofilms on surfaces, *Progress in Natural Science*, 18: 1049-1056.
- Golmakani, M.T., dan Rezaei, K., 2008, Comparison of microwave-assisted hydrodistillation with the traditional hydrodistillation method in the extraction of essential oils from *Thymus vulgaris* L., *Food Chemistry*, 109: 935-930.
- Gunardi, W.D., 2014, Peranan Biofilm dalam Kaitannya dengan Penyakit Infeksi, *E-journal UKRIDA*, 2(1).
- He, J., Wang, S., Wu, T., Cao, Y., Xu, X., dan Zhou, X., 2013, Effects of ginkgoneolic acid on the growth, acidogenicity, adherence, and biofilm of *Streptococcus mutans* in vitro, *Folia Microbiol*, 58: 147-153.
- Henson, B.S. dan Wong, D.T., 2010, Collection, Storage, and Processing of Saliva Samples for Downstream Molecular Applications, *Methods Mol. Biol.*, 666: 21-30.
- Hiremath, S.S., 2011, *Textbook of Preventive and Community Dentistry*, Second Edition, Elsevier, New Delhi.
- Inna, M., Atmania, N., dan Priskasari, S., 2010, Potential Use of *Cinnamomum burmanii* Essential Oil-based Chewing Gum as Oral Antibiofilm Agent, *Journal of Dentistry Indonesia*, 17(3): 80-86.
- Julia, S., 2005, A Synopsis of the Genus *Actinodaphne* Ness (Lauraceae) in Sabah and Sarawak, Malaysia, *Gardens' Bulletin Singapore*, 57: 69-100.
- Kameswari, M.S., Mahatmi, H., dan Besung, I.N.K., 2013, Perasan Daun Mengkudu (*Morinda citrifolia*) Menghambat Pertumbuhan Bakteri *Escherichia coli* secara *In Vitro*, *Indonesia Medicus Veterinus*, 2(2): 216-224.
- Kementrian Kesehatan Republik Indonesia, 2007, *Riset Kesehatan Dasar*, Republik Indonesia.

- Kementrian Kesehatan Republik Indonesia, 2013, *Riset Kesehatan Dasar*, Republik Indonesia.
- Koo, H., Xiao, J., Klein, M.I., dan Jeon, J.G., 2010, Exopolysaccharides Produced by *Streptococcus mutans* Glucosyltransferases Modulate the Establishment of Microcolonies within Multispecies Biofilms, *Journal of Bacteriology*, 192: 3024-3032.
- Kreth, J., Merritt, J., dan Qi, F., 2009, Bacterial and Host Interactions of Oral Streptococci, *DNA and Cell Biology*, 29(8): 397-403.
- Kuspradini, H., Purba, F.F., dan Kusuma, I.W., 2016, Profile of aromatic plant: *Actinodaphne glomerata*, *Abstract Internatioanl Conference on Biodiversity: Society for Indonesian Biodiversity*, Gorontalo, hal. 209 (Abstr.).
- Lamont, R.J. dan Jekinson, H.J., 2010, *Oral Microbiology at a Glance*, Wiley-Blackwell, West Sussex.
- Lewandowski, Z. Dan Beyenal, H., 2014, *Fundamentals of Biofilm Research*, second ed., CRC Press, Boca Raton.
- Marsh, P.D., Moter, A. dan Devine, D.A., 2011, Dental plawue biofilms: communities, conflict and control, *Periodontology 2000*, 55: 16-35.
- Marsh, P.D. dan Martin, M.V., 2009, *Oral Microbiology*, 5<sup>th</sup> ed., Churchill Livingstone Elsevier, New York.
- Manu, R.R.S., 2013, Aktivitas Antibakteri Ekstrak Etanol Daun Beluntas (*Pluchea indica* L.) Terhadap *Staphylococcus aureus*, *Bacillus subtilis* dan *Pseudomonas aeruginosa*, *Calyptra*, 2(1): 1-10.
- Monroe, D., 2007, Looking for Chinks in the Armoe of Bacterial Biofilms, *PloS Biology*, 5(11): 2458-2461.
- Mount, G.J., Hume, W.R., Ngo, H.C., dan Wolff, M.S., 2016, *Preservation and Restoration of Tooth Structure*, Wiley Blackwell, West Sussex.
- Nazzaro, F., Fratianni, F., Martino, L.D., Coppola, R., dan Feo, V.D., 2013, Effect of Essential ils on Pathogenic Bacteria, *Pharmaceuticals*, 6: 1451-1474.
- Nur, A., Hirota, K., Yumoto, H., Hirao, K., Liu, D., Takahashi, K., Murakami, K., Matsuo, T., Shu, R., Miyake, Y., 2013, Effects of extracellular DNA and DNA-binding protein on the development of a *Streptococcus intermedius* biofilm, *Journal of Applied Microbiology*, 115(1): 260–270.
- O'Toole, G.A., 2011, Microtiter Dish Biofilm Formation Assay, *Journal of Visualized Experiments*, 47: 1-2.
- Pavithra, D., dan Doble, M., 2008, Biofilm formation, bacterial adhesion and host respone on polymeric implants-issues and prevention, *Biomed. Mater.*, 3:1-13.

- Purkait, S.K., 2011, *Essential of Oral Pathology*, Jaypee, New Delhi.
- Putri, A.S., Purba, F.F., Kusuma, I.W., dan Kuspradini, H., 2018, Chemical compositions and antimicrobial potential of *Actinodaphne macrophylla* leaves oils from East Kalimantan, *IOP Conf. Series: Earth and Environmental Science*, 144.
- Putri, M.H., Herijulianti, E., dan Nurjannah, N., 2011, *Ilmu Pencegahan Penyakit Jaringan Keras dan Jaringan Pendukung Gigi*, EGC, Jakarta.
- Quave, C.L., Plano, L.R.W., Pantuso, T., dan Bennett, B.C., 2008, Effects of extracts from Italian medicinal plants on planktonic growth, biofilm formation and adherence of methicillin-resistant *Staphylococcus aureus*, *J. Ethnopharmacol*, 118(3): 418-428.
- Rubiyanto, D., 2014, *Minyak Atsiri Indonesia: Dari Alkemi hingga Industri*, Seminar Nasional Minyak Atsiri “Membuka Wawasan Minyak Atsiri Indonesia beserta Aplikasinya”, Yogyakarta.
- Samaranayake, L., 2012, *Essential Microbiology for Dentistry*, 4<sup>th</sup> ed., Churchill Livingstone Elsevier, New York.
- Saleh, W.M.N.H.W., dan Ahmad, F., 2016, Antioxidant and Anti-inflammatory Activities of Essential Oils of *Actinodaphne macrophylla* and *A. pruinosa* (Lauraceae), *Natural Product Communications*, 11(6): 853-855.
- Salni, H.M., dan Mukti, R.W., 2011, Isolasi Senyawa Antibakteri dari Daun Jengkol (*Pithecolobium lobatum* Benth) dan Penentuan Nilai KHM-nya, *Jurnal Penelitian Sains*, 14(1): 38-41.
- Saravia, M.E., Nelson-Filho, P., Ito, I.Y., da Silva, L.A.B., da Silva, dan R.A.B., Emilson, C., 2011, Morphological differentiation between *S. mutans* and *S. sobrinus* on modified SB-20 culture medium, *Microbiological Research*, 166: 63-67.
- Sen, A., Fhavan, P., Shukla, K.K., Singh, S. dan Tojovathi, G., 2012, Analysis of IR, NMR and Antimicrobial Activity of  $\beta$ -Sitosterol Isolated from *Momordica charantia*, *Science Secure Journals*, 1(1): 9-13.
- Senadheera, D., dan Cvitkovitch, D.G., 2008, Quorum Sensing and Biofilm Formation by *Streptococcus mutans*, *Bacterial Signal Transduction and Drug Targets*, 12: 178-188.
- Setyaningsih, I., Hardjito, L., Monintja, Sondita, M.F.A., Bintang, M., Lailati, N., dan Panggabean, L., 2017, Ekstraksi Senyawa Antibakteri dari Diatom *Chaetoceros gracilis* dengan Berbagai Metode, *Jurnal Biologi LIPI*.
- Shukla, S.K., dan Rao, T.S., 2017, *An Improved Crystal Violet Assay for Biofilm Quantification in 96-Well Microtitre Plate*, BARC Facilities, Kalpakkam.
- Solano, C., Echeverz, M., dan Lasa, I., 2014, Biofilm dispersion and quorum sensing, *Current Opinion in Microbiology*, 18: 96-104.

- Souza, A.B., Martins, C.H.G., Souza, M.G.M., furtado, N.A.J.C., Heleno, V.C.G., de Sousa, J.P.B., Rocha, E.M.P., Bastos, J.K., Cunha, W.R., Veneziani, C.S., dan Ambrosio, S.R., 2011, Antimicrobial Activity of Terpenoids from *Copaifera langsdorffii* Desf. Against Cariogenic Bacteria, *Phytotherapy Research*, 25: 215-220.
- Sreevidhya, T.M. dan Geetha, R.V., 2014, Antibacterial activity of three essential oils on *Streptococcus mutans*- an in-vitro study, *Int. J. Drug Dev. & Res.*, 6(4): 65-67.
- Stiefel, P., Rosenberg, U., Schneider, J., Mauerhofer, S., Maniura-Weber, K., dan Ren, Q., 2016, Is biofilm removal properly assessed? Comparison of different quantification methods in a 96-well plate system, *App Microbiol Biotechnol*, 100: 4135-4145.
- Sumardjo, D., 2009, *Pengantar Kimia: Buku Panduan Kuliah Mahasiswa Kedokteran dan Program Strata I Fakultas Bioeksakta*, EGC, Jakarta.
- Suptijah, P., Gushagia, Y., Sukarsa, D.R., 2008, Kajian Efek Daya Hambat Kitosan terhadap Kemunduran Mutu *Fillet* Ikan Patin (*Pangasius hypophthalmus*) pada Penyimpanan Suhu Ruang, *Buletin Teknologi Hasil Perikanan*, 11(2): 89-101.
- Suryawati, A., Meikawati, W. dan Astuti, R., 2011, Pengaruh Dosis dan Lama Perendaman Larutan Lengkuas terhadap Jumlah Bakteri Ikan Bandeng, *J. Kesehat. Masy. Indones.*, 7(1): 71-79.
- Swamy, M. K., Akhtar, M.S., dan Sinniah, U.M., 2016, Antibacterial Properties of Plant Essential Oils against Human Pathogens and Their Mode of Action: An Update Review, *Evidence-Based Complementary and Alternative Medicine*, 1-21.
- Tortora, G.J., Funke, B.R., Case, C.L., 2010, *Microbiology an Introduction*, 10<sup>th</sup> ed., Pearson Education, Inc., San Francisco.
- Westgate, S.J., Percival, P.D., Clegg, D.C., Knottenbelt, Cochrane, C.A., 2011, Evidence and significance of biofilm in chronic wounds in horses, *Springer Series on Biofilm*, 6: 143-173.