

DAFTAR PUSTAKA

- Avery, J. K., and Chiego, D. J., 2008, *Essential of Oral Histology and Embryology : A Clinical Approach*, 3rd ed., Mosby Elsevier, Washington DC, 208-209.
- Bertham, R.R.Y, 2006, Pemanfaatan CMA dan Bradyrhizobium dalam meningkatkan produktivitas kedelai pada sistem agroforestry kayu bawang (*Scorodocarpus borneensis* Burm.F) di Ultisol, Sekolah Pascasarjana IPB, Bogor.
- Brooks, G.F., Carroll, K.C., Butel, J.S., Morse, A.S., dan Mietzner, T.A., 2013, *Jawetz, Melnick, & Adelberg's: Mikrobiologi Kedokteran (Medical Microbiology)*, 26th ed., Mc Graw Hill, 154-373.
- Chandki, R., Banthia, P., and Banthia, R., 2011, Biofilm: A Microbial Home, *J. Indian. Soc. Periodontol.* **15**(2):111-114.
- Dinesh, M.D., Uma, M.S., Meenatchisundaram, Anjali, V.M., Athira, P.S., dan Carmel, A., 2016, *Streptococcal Dental Caries-A Short Review.*, *International Journal of Current Research and Academic Review.*, **4**(1): 160-170.
- Ernawati, E., 2013, *Kajian Konservasi Kulim (Scorodocarpus Borneensis Becc.) di Hutan Adat Desa Aur Kuning*, Provinsi Riau, Sekolah Pascasarjana IPB, Bogor.
- 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.
- Forssten, S., Bjorklund, M., and Ouwehand, A., 2010, *Streptococcus mutans*, Caries and Cimulation Models, *J. Nutrients*, **2**:290-298.
- Ganiswara, S.G., 1995, *Farmakologi dan Terapi*, Edisi IV, Bagian Farmakologi, Fakultas Kedokteran UI, Jakarta.
- GBIF Secretariat, 2017, *Scorodocarpus borneensis* (Bl.) Nees, GBIF Backbone Taxonomy, <https://www.gbif.org> (16/04/2018)
- Giacaman, R.A., Jobet, V.P., and Munoz, S., 2015, Fatty Acid Effect on Sucrose-Induced Enamel Demineralization and Cariogenicity of An Experimental Biofilm-Caries Model, *C. Odont.*, **103**(169):169-176.
- Haveles, Elena, 2000, *Delmar's Dental Drug Reference*, Delmar, Virginia, 156-157.
- Henke, 2016, Five Challenges in Plate Assays that Can Be Mastered by the Right Choice of Pipetting Tool, *White Paper*, 35:1-9.
- Jagani, S., Chelikani, R., Kim, D., 2009, Effect of Phenol and Natural Phenolic Compounds on Biofilm Formation by *Pseudomonas aeruginosa*. *Biofouling*, **25**(4): 321-324

- Jawetz E., Melnick, J. L., Adelberg E. A., 20th ed., University of California, San Francisco, 174, 186-191.
- Karpinski, T.M., dan Szkaradkiewicz, A.K., 2013, Microbiology of Dental Caries, *Journal of Biology and Earth Science.*, **3**(1): M21-24.
- Kartika, R., Bustaussalam., Farida., and Simanjutak, P., 2012, Identification of cadalene- β -Carboxylic acid from barks of Bawang Hutan (*Scorodocarpus borneensis*), *Annales Bogorienses.*, **16**(2):19-22.
- Katno, 2008, *Tingkat Manfaat Keamanan dan Efektivitas Tanaman Obat dan Obat Tradisional*, Balai Desa Penelitian dan Pengembangan Tanaman Obat dan Obat Traisional (B2P2TO-OT), Badan Penelitian dan Pengembangan Kesehatan Departemen Kesehatan RI, 5.
- Kementerian Kesehatan RI, 2013, *Riset Kesehatan Dasat tahun 2013*, Badan Penelitian dan Pengembangan Kesehatan Kementerian, Jakarta, 118.
- Kidd, E., 2005, *Essential of Dental Caries*, 3rd Edition, Oxford University Press, London, 2-3.
- Kohanski, M.A., Dwyer, D.J., Collins, J.J., 2010, How Antibiotics Kill Bacteria: from Targets to Network, *Nat.Rev.Microbial.*, **8**(6): 423-435.
- Krzysciak, W., Jurczak, A., Koscielniak, d., Bystrowska, B., and Skalniak, A., 2014, The Virulence of *Streptococcus mutans* and The Ability to Form Biofilm, *Eur. J. Clin. Mircobiol Infect. Dis.*, **33**:499-515.
- Kuspradini, H., Putri, A. S., Sukanton, E., and Mitsunaga, T., 2016, Bioactivity of Essential Oils from Leaves of *Dryobalanops lanceolata*, *Cinnamomum burmannii*, *Cananga odorata*, and *Scorodocarpus borneensis*, *Agriculture and Agricultural Science Procedia*, **9**: 411 – 418.
- Liantari, D.S., 2014, Effect Of Wuluh Starfruit Leaf Extract for *Streptococcus mutans* Growth, *J. Majority.***3**(7):27-33.
- Lim, T.K., 2012, Edible Medicine and Non-Medicinal plants: Volume 4, Fruits, *Springer Science and Business Media B.V.*, 77-81.
- Luther, M. K., Bilida, S., Mermel, L .A., and LaPlante K. L., 2015, Ethanol and Isopropyl Alcohol Exposure Increases Biofilm Formation in Staphylococcus aureus and Staphylococcus epidermidis, *Infect Dis Ther.*, **4**:219–226.
- Mai, J., Tian, X., Gallant, J.W., Merkley, N., Biswas, Z., Syvitski, R., Douglas, S.E., Ling, J., Li, Y., 2011, A Novel Target-Specific, Salt Resistant Antimicrobial Peptide Againts the Cariogenic Pathogen *Streptococcus mutans*, *Antimicrob Agents Chemother.*, **55**(11):5205-5213.
- Malik, I., 2008, Kesehatan Gigi dan Mulut, *Laporan Kesehatan Badan Pengembangan Sistem Informasi dan Telematika Daerah (Bapesitelda)*, Fakultas Kedokteran Gigi Universitas Padjajaran, Bandung, 5.
- Marsh, P.D., and Martin, M.V., 2009, *Oral Microbiology*, 5th ed, Elsevier, British, 25, 30, 67, 139, and 140.

- Mikail, B., dan Candra, A., 2011, *90 persen Anak SD di Bangka Sakit Gigi*, CV, Alfabeta, Bandung, 143.
- Murray, P. R., Rosenthal, K. S., and Pfaller, M. A., 2013, *Medical Microbiology*, 7th ed., Elsevier Inc., Philadelphia, 188-190.
- Mutahar, M., Carpenter, G., Bartleet, D., German M., and Moazzez R., 2017, The presence of acquired enamel pellicle changes acid-induced erosion from dissolution to a softening process, *Scientific Reports*, **7**: 1-8
- Neel, E.A.A., Aljabo, A., Strange, A., Ibrahim, S., Coathup, M., Young, A.M., Bozec, L., Mudera, V., 2016, Demineralization-Remineralization Dynamics in Teeth and Bone, *International Journal of Nanomedicine*, **1**:4743-4763.
- Newman, M.G., Takei H.H., dan Carranza, F.A., 2012, *Carranza's Clinical Periodontology*, W.B. Saunder Company, Massachusetts, 97-98.
- Nield-Gehrig, J. S., dan Willman, D. E., 2008, *Foundation of Periodontics for The Dental Hygienist*, 2nd ed, Lippincott Williams & Wilkins, Philadelphia, 71-75.
- Nishimura, J., Saito, T., Yoneyama, H., Bai, L.L., Okumura, K., and Isogi, E., 2012, Biofilm Formation by *Streptococcus mutans* and Related Bacteria, *SciRes.*, **2**:209-215.
- Nur, A., Hirota, K., Yumoto, H., Hirao, K., Liu, D., Takahashi, K., Murakami, K., Matsuo, T., Shu, R., and Miyake, Y., 2013, Effect of extracellular DNA and DNA-binding protein on the development of a *Streptococcus intermedius* biofilm, *Journal of Applied Microbiology*, **115**:260-270.
- Pangow, M.E., Bodhi, W., Queljoe, E., 2018, Skrining Fitokimia Dan Uji Toksisitas Dari Ekstrak Etanol Daun Manggis (*Garcinia Mangostana L.*) Dengan Metode *Brine Shrimp Lethality Test* (Bslt), *Jurnal Ilmiah Farmasi*, **7**(3):9-106.
- Putra, I.A., Erly., Masri, M., 2015, Uji Efek Antibakteri Ekstrak Etanol Kulit Batang Salam (*Syzigium polyanthum*) (Wight) Walp} terhadap *Staphylococcus aureus* dan *Escherichia coli*, *Jurnal Kesehatan Andalas*, **4**(2):497-501.
- Putri, M.H., Herijulianti, E., dan Nurjannah, N., 2012, *Ilmu Pencegahan Penyakit Jaringan Keras dan Jaringan Pendukung Gigi*, EGC, Jakarta, 56-57, 60,154-155.
- 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.
- Razak, F. A., Othman, R.Y., dan Haji, A.R.Z., 2006, The Effect of *Piper Betle* nd *Psidium Guajava* extract on Cell Surface Hydrophobicity of Selected Early Settlers of Dental Plaque, *J. Oral Sci*, **48**(2): 71-5.

- Roekistiningsih, Hapsari, D.N., Almira, H., 2017, Efek Ekstrak Daun Mahkota Dewa (*Phaleria Macrocarpa*) sebagai Penghambat Pembentukan Biofilm pada *Streptococcus Mutans* Secara *in vitro*, *E-Prodenta Journal of Dentistry*.
- Samaranayake, L. P., 2012, *Essential Microbiology for Dentistry*, 2nd ed., Elsevier., London, 217-223.
- Santoso, S., 2011, *Mastering SPSS Versi 19*, PT Gramedia, Jakarta, 306, 313-318, 377-379.
- Setyowati, F.M., Wardah., 2007, Keanekaragaman Tumbuhan Obat Masyarakat Talang Mamak di Sekitar Taman Nasional Bukit Tigapuluh, Riau, *Biodiversitas*, **8**(3): 228-232.
- Shukla, S., Rao, T.S., 2017, An Improved Crystal Violet Assay for Biofilm Quantification in 96-Well Microtitre Plate, *Cold Spring Harbor Laboratory, India*, 1-10.
- Sidarta, Y.O., Prasetyaningrum, N., Fitriani, D., Prawiro, S.R., 2013, White Pepper Extract (*Piper nigrum L.*) as Antibacterial Agent for *Streptococcus mutans* In Vitro, *IOSR-JDMS*, **4**(6):25-29.
- Singh, J., Kumar, A., Budhiraja, S., dan Haooda, A., 2008, Ethoomedicine : Use in Dental Caries, *J. Brazil Sci.*, **6**(21): 1308-1312.
- Soares, G.M.S., Figueiredo, L.C., Faveri, M., Cortelli, S.C., Duarte, P.M., Feres, M., 2012, Mechanisms of Action of Systemic Antibiotics Used in Periodontal Treatment and Mecanisms of Bacterial Resistance to these Drugs, *J. Appl. Oral Sci*, **20**(3): 1-8.
- Stepanovic, S., Vukovic, D., Dakic, I., Savic, B., 2002, A Modified Microtiter-Plate Test for Quantification of *Staphylococcal* Biofilm Transformation, *J. Microbial Method*, **40**:175-179.
- Sudrajat, S., Susanto, D., Sudiastuti, S., 2016, Phytochemicals Analysis, Antioxidant Capacities and Antimicrobial Properties of Ethyl Acetate Extract of Stem Bark of the Garlic Tree *Scorodocarpus borneensis* Becc. *Journal of Agricultural Science and Technology A.*, **6** : 403-410.
- Todar, 2008, *The Normal Bacterial Flora of Humans*, <http://lcead.nutes.ufrj.br/constructore/objetos/Todar-microbiology.pdf> (4/10/2017).
- Vasconcelos, L.C.S., Sampaio, F.C., Sampaio, M.C.C., Pereira, M.S.V., Higinio, J.S, dan Peixoto, M.H.P., 2006, Minimum Inhibitory Concentration of Adherence of *Punica granatum Linn* (Pomegrate) Gel Againsts *S. mutans*, *S.mitis*, and *C. Albicans*, *Braz. Dent. J.*, **17**(13):223-226.
- Wadhvani, T., Desai, K., Patel, D., Lawani, D., Bahaley, P., Joshi, P., 2009, Effect of various solvents on bacterial growth in context of determining MIC of various antimicrobials, *The Internet Journal of Microbiology*, **7**(1).

- Wei, G., Campagna, A. N., dan Bobek, L. A., 2006, Effect of MUC7 peptides on the growth of bacteria and on *Streptococcus mutans* biofilm, *J. Ant Chem*, **57**:1100-1109.
- 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.
- Yosephine, A.D., Wulanjati, M.P., Saifullah, T.N., Astuti, P., 2013, Mouthwah Formulation of Basil Oil (*Ocimum basilicum L.*) and in vitro Antibacterial and Antibiofilm Activities Againts *Streptococcus mutans*, *Trad. Med. J.*, **18**(2): 95-102.
- Zheng, X., He, J., Wang, L., Zhou S., Peng, X., Huang,S., Zheng, L., Cheng, L., Hao, Y., Li, J., Xu, J., Xu, X., and Zhou, X., 2017, Ecological Effect of Arginine on Oral Microbiota, *Scientific Report.*, **7**: 1-10.
- Zhou, X., dan Li, Y., 2015, Atlas of Oral Microbiology: from Health Microflora to Disease, Elsevier, London, hal. 56.