

DAFTAR PUSTAKA

- Agtini, M., Sintawati, Murwanto, T., 2005, Status Kesehatan Gigi, Performed Treatment Index dan Required Treatment Index Anak Sekolah Dasar di Kabupaten Cianjur, Karawang dan Serang, *Media Litbang Kesehatan*, 15(4).
- Almatsier, S., 2004, *Prinsip Dasar Ilmu Gizi*, Gramedia Pustaka Utama, Jakarta, hal. 230.
- Brooks, G.F., Butel, J.S., Morse, A.S., 2005, *Jawetz, Melnick, & Adelberg's: Mikrobiologi Kedokteran (Medical Microbiology)*(terj.), Penerbit Salemba Medika, Jakarta, hal. 223-228.
- Chandki, R., Banthia, P., Banthia, R., 2011, Biofilm: A Microbial Home, *J. Indian. Soc. Periodontol*, vol.15(2): 111-114.
- Chen, M., Yu, Q., Sun, H., 2013, Novel Strategies for the Prevention and Treatment of Biofilm Related Infections, *Int. J. Mol. Sci.*, 14: 18488-18501.
- Chessbrough, M., 2006, *District Laboratory Practice in Topical Countries*, 2nd., Cambridge University Press, Cambridge, hal. 38.
- Chikthimmah, N., Anantheswaran, R.C., Roberts, R.F., Mills, E.W., Knabel, S.J., 2001, Influence of Sodium Chloride on Growth of Lactit Acid Bacteria and Subsequent Destruction of *Escherichia coli* O157:H7 During Processing of Lebanon Bologna, *J. Food Prot.* 64(8): 1145-50 (Abstr.).
- Dahlan, M.S., 2012, *Statistik untuk Kedokteran dan Kesehatan*, Salemba Medika, Jakarta, hal. 89.
- Damayanti, I., 2014, Pengaruh Rebusan Daun Sirih Merah (*Piper crocatum*) dengan Garam (NaCl) 10% Terhadap Pertumbuhan Bakteri *Streptococcus mutans*, **Skripsi**, Universitas Gadjah Mada, Yogyakarta.
- Donlan, R.M., 2001, Biofilm Formation: A Clinically Relevant Microbiological Process, *CID*, 33: 1387-1392.
- Fay, M., 2001, *Chemistry*, 3rd Ed., Prentice-Hall, Inc., Philadelphia, hal. 440-445.
- Forssten, S., Bjorklund, M., Ouwehand, A., 2010, *Streptococcus mutans*, Caries and Cimulation Models, *J. nutrients*, 2: 290-298.
- Gabrielli, A., Layon, A.J., Yu, M., 2012, *Civetta, Taylor, & Kirby's Manual of Critical Care*, Lippincott Williams & Wilkins, Philadelphia, hal. 45.
- Gurgan, C.A., Zaim, E., Bakirsoy, I., Soykan, E., 2006, Short-Term Side Effect of 0,2% Alcohol-Free Chlorhexidine Mouthrinse Used as an Adjunct to Non-Surgical Periodontal Treatment: A Double-Blind Clinical Study, *J. Periodontol*, 77(3): 370-384 (Abstr.).

- Havasi, V., Hurst, C.O., Briles, T.C., Yang, F., Bains, D.G., Hassett, D.J., Sorscher, E., 2008, Inhibitory Effect of Hypertonic Saline on *Pseudomonas Aeruginosa* motility, *Journal of Cystic Fibrosis*, 7: 267-269.
- Holt, J.G., 2000, *Bergey's Manual of Determinative Bacteriology*, 9th Ed., Lippincott Williams & Wilkins, Philadelphia, hal. 554.
- Horswill, A., Stoodley, P., Stewart, P.S., Parsek, M.R., 2006, The Effect of the Chemical, Biological, and Physical environment on Quorum Sensing in Structured Microbial Communities, *Analytical and Bioanalytical Chemistry*, 387: 371-380.
- Huang, R., Li, M., Gregory, R.L., 2011, Bacterial Interactions in Dental Biofilm, *Virulence*, 2(5): 435-444.
- Jin, Y., Samaranayake, L.P., Samaranayake, Y., Yip, H.K., 2004, Biofilm Formation of *Candida albicans* is Variably Affected by Saliva and Dietary Sugars, *J. Arcoralbio*, 49: 789-798.
- Kementerian Kesehatan RI, 2002, *Survei Kesehatan Nasional 2001-Laporan SKRT 2001: Studi Morbiditas dan Disabilitas*, Badan Penelitian dan Pengembangan Kesehatan Departemen Kesehatan, Jakarta, hal. 34.
- Kementerian Kesehatan RI, 2007, *Laporan Nasional Riset Kesehatan Dasar 2007*, Badan Penelitian dan Pengembangan Kesehatan Departemen Kesehatan, Jakarta, hal. 130-147.
- Kementerian Kesehatan RI, 2013, *Laporan Nasional Riset Kesehatan Dasar 2013*, Badan Penelitian dan Pengembangan Kesehatan Departemen Kesehatan, Jakarta, hal. 10-11.
- Kohanski, M.A., Dwyer, D.J., Collins, J.J., 2010, How Antibiotics Kill Bacteria: from Targets to Network, *Nat. Rev. Microbiol.*, 8(6): 423-435.
- Krzysciak, W., Jurczak, A., Koscielniak, D., Bystrowska, B., Skalniak, A., 2014, The Virulence of *Streptococcus mutans* and The Ability to Form Biofilm, *Eur. J. Clin. Microbiol. Infect. Dis.*, 33: 499-515.
- Lemos, J.A.C., Abranches, J, Burne, R., 2005, Responses of Cariogenic *Streptococci* to Environmental Stresses, *Curr. Issues Mol. Biol.*, 7: 95-108.
- LeThanh, B.V., Lebeau, C.J., Messier, S., Malouinand, F., Scholl, D., 2008, *Masitis Control from Science to Practice*, Lam, T.J.G.M. (ed.), Wageningen Academic Publisher, Hague, hal. 169.
- 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 Against 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 Padjadjaran, Bandung, hal. 5.
- Martinez, R.F., 2011, Effect of Iron and Sodium Chloride on Biofilm Development of *Stenotrophomonas maltophilia*, *Tesis*, DePaul University, Chicago, hal. 38.
- Mathur, S., Mathur, T., Srivastava R., Khatri, R., 2011, Chlorhexidine: The Gold Standard in Chemical Plaque Control, *National Journal of Physiology, Pharmacy, and Pharmacology*, 1(2): 45-50.
- Mohapatra, S.S., dan Biswas, I., 2013, *Oral Microbial Ecology: Current Research and New Perspectives*, Jakubovics, N.S., dan Palmer, R.J., (ed.), Caister Academic Press, Norfolk. Hal. 136-137.
- Moon, J.H., Shin, H.A., Rha, Y.A., Om, A.S., 2009, The Intrinsic Antimicrobial Activity of Bamboo Salt Against *Salmonella enteridis*, *Mol. Cell. toxicol.*,5(4): 323-327.
- Murray, P.R., Rosenthal, K.S., Pfaller, M.A., 2013, *Medical Microbiology*, 7thEd., Elsevier Inc., Philadelphia. Hal. 188-190.
- Naufalin, R., Jenie, B.S., Kusnandar, F., Sudarwanto, M., Rukmini, H.S., 2006, Pengaruh pH, NaCl dan Pemanasan terhadap Stabilitas Antibakteri Bunga Kecombrang dan Aplikasinya pada Daging Sapi Giling, *J. Teknologi dan Industri Pangan*, 17(3): 197-203.
- Nield-Gehrig, J.S., dan Willmann, D.E., 2008, *Foundation of Periodontics for the Dental Hygienist*, 2nd Ed., Lippincott Williams & Wilkins, Philadelphia, hal.71-75.
- Nishimura, J., Saito, T., Yoneyama, H., Bai, L.L., Okumura, K., Isogar, E., 2012, Biofilm Formation by *Streptococcus mutans* and Related Bacteria, *SciRes*, 2:208-215.
- Nur, A., Hirota, K., Yumoto, H., Hirao, K., Takahashi, K., Murakami, K., Matsuo, T., Miyake, Y., 2012, Role of Extracellular DNA and DNA-binding Protein in Biofilm Formation of *Streptococcus intermedius*, *Journal of Applied Microbiology*, 115:260-270.
- Nurhidayat, O., Tunggal E., Wahyono, B., 2012, Perbandingan Media Power Point dengan Flip Chart dalam Meningkatkan Pengetahuan Kesehatan Gigi dan Mulut, *Unnes Journal of Public Health*, 1(1): 31-35.
- Pramono, Y.B., Rahayu, E.S., Suparmo, Utami, T., 2007, Perubahan Mikrobiologis, Fisik, dan Kimiawi Cairan Bakal Petis Daging Selama Fermentasi Kering Spontan, *J. Indon. Trop. Anim. Agric.*, 32(4): 213-221.
- Rose, L.F., Mealey, B.L., Genco, R.J., Cohen, D.W., 2004, *Periodontics: Medicine, Surgery, and Implant*, Mosby, Beijing, hal.100-108.

- Ruiz-Linares, M., Ferrer-Luque, C.M., Arias-Moliz, T., Castro, P.D., Aguado, B., Baca, P., 2014, Antimicrobial Activity of Alexidine, Chlorhexidine, and Cetrимide Against *Streptococcus mutans* Biofilm, *Annals of Clinical Microbiology and Antimicrobials*, 13(41): 1-6.
- Salam, F., 2012, *Efektifitas Larutan Air Garam terhadap Pertumbuhan Bakteri Streptococcus mutans*, **Skripsi**, Universitas Hasanudin, Makasar.
- Samaranayake, L.P., 2002, *Essential Microbiology for Dentistry*, 2nd Ed, Elsevier, London, hal. 217-223.
- Schachtele, C.F., 1982, *Microbiology in Clinical Dentistry*, John Wright, Philadelphia, hal.153-165.
- Seesuriyachan, P., Kuntiya, A., Chaiyaso, T., Hanmoungjai, P., Leksawasdi, N., Techapun, C., 2014, Enhancement and Optimization of Exopolysaccharide Production by *Weissella confusa* tistr 1498 in pH Controlled Submerged Fermentation Under High Salinity Stress, *Chiang Mai J.*, 41(3): 503-512.
- Shemesh, M., Tam, A., Aharoni, R., Steinberg, D., 2010, Genetic Adaptation of *Streptococcus mutans* during Biofilm Formation on Different Types of Surfaces, *BMC Microbiol.*, 10: 1-10.
- Sherman, D.M., dan Collings, M.D., 2002, Ion Association in Concentrated NaCl Brines from Ambient to Supercritical Conditions: Result from Classical Molecular Dynamics Simulation, *Geochem. Trans.*, 3(11): 102-107.
- 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.
- 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 Mechanisms of Bacterial Resistance to these Drugs, *J. Appl. Oral Sci.*, 20(3): 1-8.
- Takada, K., dan Fukushima, K., 1986, Effect of Certain Salt on Glucosyltransferase Synthesis by *Streptococcus mutans* Strain PS-14, *J. Dent Res.*, 65(3): 452-455.
- Todar, 2008, *The Normal Bacterial Flora of Humans*, (<http://textbookofbacteriology.net/normalflora.html>, diunduh tanggal 28/03/2015).
- Wood, B.J.B., dan Holzappel, W.H. (eds.), 1995, *The Genera of Lactic Acid Bacteria*, Springer Science, London, hal. 1-14.
- Yarboa, A., 2013, Screening of Novel Compounds for Inhibiting Bacteria Involved on Dental Caries, *Tesis*, Cranfield University, Cranfield, hal. 50.

Zhu, L., Kreth, J., Cross, S.E., Gimzewski, J.K., Shi, W., Qi, F., 2006, Functional Characterization of Cell-wall-associated Protein WapA in *Streptococcus mutans*, *Microbiology*, 152: 2395-2404 (*Abstr.*).