



DAFTAR PUSTAKA

- Alejandra, B. M., dan Daniel, O. M., (2020) *Staphylococcus and Streptococcus*. Cordoba: Intech Open. pp. 7-8.
- Andika dan Fajeriyati, N., (2017) Uji aktivitas antibakteri ekstrak etanol rimpang kencur (*Kaempferia galanga L*) pada bakteri *Bacillus subtilis* dan *Eschericia coli*. *JCPs*. 1(1): 36-41.
- Asawahame, C., Sutjarittangham, K., Eitssayeam, S., Tragooolpua, Y., Sirithunyalug, dan B., Sirithunyalug, J., (2015) Antibacterial activity and inhibition of adherence of *Streptococcus mutans* by propolis electropun fibers. *AAPS*. 16(1): 182-190.
- Aswal D. dan Beatrice L., (2010) Daya antibakteri ekstrak buah mahkota dewa (*Phaleria macrocarpa*) terhadap *Enterococcus faecalis* (*in vitro*). *J Dentika Dent.* 6: 35.
- Carranza, F. A., Newman, M. G., Takel, H. H., dan Klokkevold, P. R., (2012) *Carranza's clinical periodontology*. 11th ed. Missouri: Elsevier. p. 241.
- Carranza, F. A., Newman, M. G., Takel, H. H., dan Klokkevold, P. R., (2015) *Carranza's Clinical Periodontology*. 12th ed. Missouri: Elsevier. p. 144.
- Carre, A., dan Mittal, K. L., (2011) *Surface and interfacial aspect of cell adhesion*. Baco Raton: CRC Press. pp. 87-89.
- Chavan, T. B., Phadtare, R. D., dan Chavan, N. S., (2015) Effect of aqueous extracts of different medicinal plants on control of *Streptococcus mutans*. *IJCMA*. 4(4): 1072-1081.
- Cusumano, C. K., dan Hultgren, S. J. (2009). Bacterial adhesion-a source of alternate antibiotic targets. *IDrugs*. 12(11): 699-705.
- Darby, L. M., dan Walsh, M. M., (2015) *Dental higiene theory and practice*. Missouri: Elsevier. p. 294.
- Esberg, A., Sheng, N., Marrel, L., Claesson, R., Persson, K., Boren, T., dan Stomberg, N., (2017) *Streptococcus mutans* adhesin biotypes that match and predict individual caries development. *EbioMedicine*. 4: 205-215.
- Fatmawati, D. W. A., (2011) Hubungan biofilm *Streptococcus mutans* terhadap terjadinya karies gigi. *JKG*. 8(3): 127-130.



Fajriani., Andriani, J. N. (2014). Reduction of Salivary *Streptococcus mutans* colonies in children after rinsing with 2.5% greentea solution. *JDI*. 21(3): 79-84.

Felton, A., Chapman, A., (2010) *Basic guide to oral health education and promotion*. Black-Willey: New Delhi. p. 171.

Forssten, S. D., Bjorklund, M., dan Ouwehand, C., (2010) *Streptococcus mutans*, caries and simulation models. *MDPI*. 2: 290-298.

Gahlawat, S. K., Siwach, P., Kumur, S., Salar, R. K., Duham, J. S., dan Kaur, P., (2017) *Plant biotechnology: recent advancements and development..* Gateway East: Springer Nature Singapore. p. 162.

Garg, N., dan Garg, A., (2010) *Textbook of operative dentistry*. New Delhi: Jaypee Brothers Medical Publisher (P). p. 48.

Gorniak, I. Bartoszewski, R., Kroliczewski. (2018) Comprehensive Review of antimicrobial activities of plant flavonoids. *Phytochem Rev*. 18: 241-272.

Haerazi, A., Jekti, D. S. D., dan Andayani, J., (2014) Uji aktivitas antibakteri kencur (*Kaempferia galanga L.*) terhadap pertumbuhan bakteri *Staphylococcus aureus* dan *Streptococcus viridans*. *J Ilm Biol*. 2(1): 1-11.

Haniastuti, T. (2016) Penurunan hidrofobisitas permukaan sel bakteri plak gigi setelah dipapar rebusan daun sirih merah konsentrasi 10%. *J Dentika Dent*. 19(1): 38-41.

Hayati, F., Mudatsir, dan Safarianti, (2017) Uji aktivitas antibakteri ekstrak etanol rimpang kencur (*Kaempferia galanga L.*) terhadap isolat klinis *Klebsiella pneumoniae* secara *in Vitro*. *JIM*. 2(1): 68-73.

Haymann, H. O., Swift, J. R., dan Ritter, A. V., (2013) *Sturdevant's art and sciences of operative dentistry*. 6th Ed. Misouri: Elsevier. p. 41.

Jakubovics, N. S., dan Palmer Jr, R. J., (2013) *Oral microbial ecology: current research and new perspective*. Great Britain: Caister Academic Press. pp. 29, 138.

Keerthana, R., dan Jeevenandan, G., (2018) Recent developments in dental plaque. *DIT*. 10(1): 2769-2722.

Kemenkes RI., (2013) *Riset Kesehatan Dasar; RISKESDAS*. Jakarta: Balitbang Kemenkes RI.



- Kim, B., Park, S., Kin, M., Kim, Y., Lee, S., Lee, K., Choi, N., Lee, Y., Lee, Y., dan You, Y., (2015) Inhibitory effects of *Chrysanthemum boreale* essential oil on biofilm formation and virulence factor expression of *Streptococcus mutans*. *Hindawi Research Article*. pp. 1-9.
- Kim, T. K., (2016) *Edible medicinal and non-medicinal plants*. vol. 12. New York: Springer. p. 418.
- Lamont, R. J., dan Jenkinson, H. F., (2010) *Oral microbiology at a glance*. West Susses: Wiley-Blackwell. p. 37.
- Levine, M. (2011) *Topics in dental biochemistry*. Okhlahoma: Springer. p. 275.
- Lien, H. M., Tseng, C. J., Huang, C. L., Lin, Y. T., Chen, C. C., dan Lai, Y. Y., (2014) Antimicrobial activity of *antrodia camphorata* extracts against oral bacteria. *PloS One*. 9(8): 1-7.
- Mutmainnah, B., Matuzaroh, N. (2017) Efektivitas inhibisi ekstrak etil asetat *abrus precatorius* pada *metichillin resistance staphylococcus aureus* (MRSA) 22372 Air Kemih Penampang Kateter Urin. *Prosiding Seminar Nasional Pendidikan & Saintek*. pp. 337-342.
- Muwarni, S., (2015) *Dasar - dasar mikrobiologi veteriner*. Malang: UB Press. p. 32.
- Nakano. M. M., (2018) Role of *Streptococcus mutans* surface proteins for biofilm formation. *JADS*. 54: 22-29.
- Nasution, A. I., dan Rosdiana, N., (2016) Gambaran daya hambat minyak kelapa murni dan minyak kayu putih dalam menghambat pertumbuhan *Streptococcus mutans*. *JDS*. 1(1): 43-50.
- Ohshima, H. (2012) *Electrical phenomena at interfaces and biointerfaces*. Canada: John Wiley & Sons. p. 738.
- Pitt. S. J., (2018) *Clinical microbiology for diagnostic laboratory scientist*. Pondicherry :Wiley & Sons. p. 66.
- Rahman, F. A., Haniastuti, T., dan Utami, T. W., (2018) The effect of ethanol extract of soursop leaf (*Annona muricata L.*) on adhesion of *streptococcus mutans* atcc 35668 to hydroxyapatite discs. *DJMKG*. 4(1): 22-26.
- Ratsch C., dan Ebeling, C. M., (2013) *The encyclopedia of Aphrodisiacs: psychoactive substances for use in sexual practice*. Vermont: Park Street Press.



Ravindran, P. N., (2017) *The encyclopedia of herbs & spices. Vol. 1.* Glasglow: Bell and Bain Ltd. pp. 413, 414.

Reddy, S., (2018) *Essentials of clinical periodontology and periodontics.* 5th ed. London: Jaypee. p. 68.

Ren, Z., Chen, L., Li, J., dan Li, Y. (2016) Inhibition of *Streptococcus mutans* polysaccharide synthesis by molecules targeting glycosyltransferase activity. *J Oral Microbiol.* 8(31095): 1-9.

Ridawati, B., Ita, D., dan Wellyzar, S., (2011) *Aktivitas antifungal minyak atsiri jinten putih terhadap Candida parapsilosis SS25, C. Orthopsis NN14, C. Metapsilosis MP27, Dan C. Etchellsii MP18.* Makara Sains. 15(1): 58-62.

Rosidah, A. N., Lestari, P. E., dan Astuti, P., (2014) Daya antibakteri daun ekstrak kendali (*Hippobroma longiflora [L] G. Don*) terhadap pertumbuhan *Streptococcus mutans*. *JPK.* 1(1): 1-7.

Samarayana, L., (2012) *Essential microbiology for dentistry.* 4th ed. London: Elsevier. p. 281.

Saraswati, J., Setalita, A., dan Bovita, A., (2017) Antibacterial effect of *Kaempferia galanga L.* extract on *Lactobacillus acidophilus*. *IJTID.* 1(1): 22-28.

Sinaredi, B., Pradopo, S., dan Wibowo, T. B. (2014) Daya antibakteri obat kumur *chlorhexidine, povidone iodine, fluoride suplementasi Zinc* terhadap *Streptococcus mutans* dan *Porphyromonas gingivalis*. *Dent J.* 47(4): 211-214.

Soelama, H. J.J., Kepel, B. J., dan Siagian, K. V., (2015) Uji *Minimum Inhibitory Concentration (MIC)* ekstrak rumput laut (*Eucheuma cottonii*) sebagai antibakteri terhadap *Streptococcus mutans*. *e-Gigi.* 3(2): 374-379.

Srivastava, N., Ranjana., Singh, S., Gupta, A. C., Shanker, K., Bawankule, D. U., dan Luqman, S., (2019) aromatic ginger (*Kaempferia galanga L.*) extracts with Ameliorative and protective potential as a functional food, beyond its flavor and nutritional benefits. *Toxicol Rep.* 6: 521-528.

Sullan, R. M. A., James, K. L. I., Crowley, P. J., Brady, L. J., dan Dutrene Y. F., (2015) Binding forces of *Streptococcus mutans* P1 adhesin. *ACS Nano.* 9(2): 1448-1460.

Szafranski, P. S., Deng, Z., Tomasch, J., Jarek, M., Bhuju, S., Rohde, M., Sztajer, H., Wagner-Dobler, I. (2017) Quorum sensing of *Streptococcus mutans* is



activated by *Aggregatibacter actinomycetemcomitans* and by the periodontal microbiome. *BMC*. 18(238): 1-15.

Vanmeter, K. C., Vanmeter, W. G., dan Hubert, R. J., (2010) *Microbiology for the healthcare professional*. Missouri: Elsevier. p. 187.

Wang, J., Shi, Y., Jing, S., Dong, H., Wang, D., dan Wang, T., (2019) Astilbin inhibits the activity of sortase a from *Streptococcus mutans*. *MDPI*. 24(465): 1-11.

Weller, M., Overton, T., Rourke, J., dan Armstrong, F., (2014) *Inorganic chemistry*. 7th ed. Oxford: Oxford University Press. p. 134.

World Health Organization, (2017) *Sugars and dental Caries*. WHO. pp 1-4.

Wulandari, E. G. (2012) *Aktivitas fungisida ekstrak sembung delan (*Sphaeranthus indicus* L.) terhadap Phytophthora infestans penyebab penyakit hawar daun pada tanaman kentang*. Universitas Udayana: Bandung

Xuedong, Z., (2016) *Dental caries Principal and management*. New York: Springer. pp. 27, 31.

Yu, O. Y., Zhao, I. S., Mei, M. L., Lo, E. C., dan Chu, C. H., (2017) Dental biofilm and laboratory microbial culture models for cariology research. *MDPI*. 5(21): 1-12.

Zharfan, R. S., Purwono, P. B., dan Mustika, A., (2017) Antimicrobial activity of pineapple (*Ananas comosus L. Merr*) extract against multidrug-resistant of *Pseudomonas aeruginosa*: an in Vitro Study. *IJTID*. 6(5): 118-122.