

DAFTAR PUSTAKA

- Akarina, W., 2011. Pengaruh Konsentrasi Humektan terhadap Stabilitas Formula Obat Kumur. *Jurnal USU, Medan*.
- Akarina, W., 2011. Uji Aktivitas Antibakteri Ekstrak Etanol Daun Ruku-Ruku (*Ocimum sanctum L.*) dan Formulasi Sediaan Obat Kumur.
- Arjuna, A., Pratama, W.S., Sartini, S. and Mufidah, M., 2018. Uji Pendahuluan Anti-biofilm Ekstrak Teh Hijau dan Teh Hitam pada *Streptococcus mutans* melalui Metode Microtiter Plate. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy)*, 4(1), pp.44-49.
- Armitage, J.P., 2005. Understanding the Development and Formation of Biofilms. *Dept. of Biochemistry: Oxford University*
- Butt, M.S. and Sultan, M.T., 2009. Green tea: nature's defense against malignancies. *Critical reviews in food science and nutrition*, 49(5), pp.463-473.
- Bowen, W.H. and Koo, H., 2011. Biology of *Streptococcus mutans*-derived glucosyltransferases: role in extracellular matrix formation of cariogenic biofilms. *Caries research*, 45(1), pp.69-86.
- Riskesdas, L.H.R.K., 2018. Badan Penelitian dan Pengembangan Kesehatan. Laporan Nasional 2018.
- Davies, R.M. and Blinkhorn, A.S., 2013. Preventing dental caries: part 1. the scientific rationale for preventive advice. *Dental Update*, 40(9), pp.719-726.
- Distel, J.W., Hatton, J.F. and Gillespie, M.J., 2014. Biofilm formation in medicated root canals. *Journal of endodontics*, 28(10), pp.689-693
- Fatmawati, D.W.A., 2015. Hubungan biofilm streptococcus mutans terhadap resiko terjadinya karies gigi. *STOMATOGNATIC-Jurnal Kedokteran Gigi*, 8(3), pp.127-130.

- Frencken, J.E., Sharma, P., Stenhouse, L., Green, D., Lavery, D. and Dietrich, T., 2017. Global epidemiology of dental caries and severe periodontitis—a comprehensive review. *Journal of clinical periodontology*, 44, pp.S94-S105.
- Hapsari, D.N. and Almira, H., 2017. EFEK EKSTRAK DAUN MAHKOTA DEWA (*Phaleria macrocarpa*) SEBAGAI PENGHAMBAT PEMBENTUKAN BIOFILM PADA *Streptococcus mutans* SECARA IN VITRO. *PRODENTA JOURNAL OF DENTISTRY*, 1(1), pp.24-34.
- Heymann H, Swift E, Jr. Ritter A. Sturdevant's art and science of operative dentistry. 6th ed. 2012. Mosby. p. 41-2
- Huang, C.B., Alimova, Y., Myers, T.M. and Ebersole, J.L., 2011. Short-and medium-chain fatty acids exhibit antimicrobial activity for oral microorganisms. *Archives of oral biology*, 56(7), pp.650-654.
- Homenta, H., 2016. Infeksi biofilm bakterial. *Jurnal e-Biomedik*, 4(1).
- Ilmi, M.B. and Ardhi, M., 2017. *Formulasi pasta gigi kombinasi ekstrak daun sirih merah (*Piper crocatum* Ruitz. & Pav) dan propolis dan uji aktivitas antibakteri terhadap *Streptococcus mutans** (Doctoral dissertation, Universitas Islam Negeri Maulana Malik Ibrahim).
- Jigisha, A., Nishant, R., Navin, K. and Pankaj, G., 2012. Green tea: a magical herb with miraculous outcomes. *Int. Res. J. Pharm*, 3(5), pp.139-148
- Kamarazaman, K., Mokhtar, K., Norhashim, M.Z., Mohamed, Z. and Alam, M.K., 2014. A Study on Antibacterial Activity of Commercial Dentifrices against *Streptococcus Mutans*. *International Medical Journal*, 21(2), pp.204-207.
- Kanaparthi, A. and Kanaparthi, R., 2012. Biofilms-The Unforgiving Film in Dentistry (Clinical Endodontic Biofilms). *Dentistry*, 2(145), pp.2161-1122.

- Karim, A.J. and Dalai, D.R., 2014. Green tea: A review on its natural anti-oxidant therapy and cariostatic benefits. *Journal Issues ISSN*, 2350, p.1588.
- Kinho, J., Arini, D., Tabba, S., Kama H., Kafiar, Shabri, Syamsir and Karundeng, M.C., 2011. Tumbuhan Obat Tradisional di Sulawesi Utara Jilid I. *Manado. Balai Penelitian Kehutanan Manado, Badan Penelitian dan Pengembangan Kehutanan dan Kementrian Kehutanan*.
- Kirana, R., 2013. *Pengaruh pemberian teh hijau (cammelia sinensis) terhadap kerusakan struktur histologis alveolus paru mencit yang dipapar asap rokok* (Doctoral dissertation, Universitas Sebelas Maret).
- Koo, H., Allan, R.N., Howlin, R.P., Stoodley, P. and Hall-Stoodley, L., 2017. Targeting microbial biofilms: current and prospective therapeutic strategies. *Nature Reviews Microbiology*, 15(12), p.740.
- Köhler, B. and Bjarnason, S., 1987. Mutans streptococci, lactobacilli and caries prevalence in 11- and 12- year- old Icelandic children. *Community dentistry and oral epidemiology*, 15(6), pp.332-335.
- Krzyściak, W., Papież, M., Jurczak, A., Kościelniak, D., Vyhouskaya, P., Zagórska-Świeży, K. and Skalniak, A., 2017. Relationship between Pyruvate kinase activity and cariogenic biofilm formation in Streptococcus mutans biotypes in caries patients. *Frontiers in Microbiology*, 8, p.856.
- Leal, S.C., Ribeiro, A.P.D. and Frencken, J.E., 2017. Caries assessment Spectrum and treatment (CAST): a novel epidemiological instrument. *Caries research*, 51(5), pp.500-506.
- Li, B.H., Zhang, R., Du, Y.T., Sun, Y.H. and Tian, W.X., 2006. Inactivation mechanism of the β -ketoacyl-[acyl carrier protein] reductase of bacterial type-II fatty acid synthase by epigallocatechin gallate. *Biochemistry and cell biology*, 84(5), pp.755-762.

- MacBride, J.F., 1936. Flora of Peru, part 1. Field Museum of Natural History, Botanical Series, vol. 13.
- Mangundjaja, S., Pratiwi, T. and Sutadi, H., 2000, November. Effect of Sorbitol containing Candy on Caries Activity Levels of Mutans Streptococci in Plaque. In *Pediatric Dentistry Congress* (pp. 1-8).
- Matsumoto, M., Tsuji, M., Okuda, J., Sasaki, H., Nakano, K., Osawa, K., Shimura, S. and Ooshima, T., 2014. Inhibitory effects of cacao bean husk extract on plaque formation in vitro and in vivo. *European journal of oral sciences*, 112(3), pp.249-252.
- Nagle, D.G., Ferreira, D. and Zhou, Y.D., 2006. Epigallocatechin-3-gallate (EGCG): chemical and biomedical perspectives. *Phytochemistry*, 67(17), pp.1849-1855.
- Nalina, T. and Rahim, Z.H.A., 2007. The crude aqueous extract of Piper betle L. and its antibacterial effect towards Streptococcus mutans. *Am J Biotechnol Biochem*, 3(1), pp.10-15.
- NJIRM 2015; Vol. 6(2). March –April eISSN: 0975-9840 pISSN: 2230 - 9969
- Otake, S., Makimura, M., Kuroki, T., Nishihara, Y. and Hirasawa, M., 1991. Anticaries effects of polyphenolic compounds from Japanese green tea. *Caries research*, 25(6), pp.438-443.
- Paridhi, B., Ashita, U., Swati, P. and Dilip, N., 2016. An Invitro Study of Determination of Anti-bacterial, Antioxidant, Anti-inflammatory Potential of Piper betel Essential Oil.
- Rahardjo, A. and Maharani, D.A., 2014. A Review of Indonesia's Dental Health-Past, Present and Future. *Int J Clin Prev Dent*, 10, pp.121-6.
- Quirynen, M., Soers, C., Desnyder, M., Dekeyser, C., Pauwels, M. and Van Steenberghe, D., 2005. A 0.05% cetyl pyridinium chloride/0.05% chlorhexidine mouth rinse during maintenance phase after initial periodontal therapy. *Journal of clinical periodontology*, 32(4), pp.390-400.

- Sari, I.R.C., 2015. *EFEKTIVITAS EKSTRAK SIWAK (Salvadora Persica. L) DALAM MENGHAMBAT PERTUMBUHAN BAKTERI DAN BIOFILM BAKTERI Enterococcus faecalis SECARA IN VITRO* (Doctoral dissertation, UNIVERSITAS AIRLANGGA).
- Sari, L.O.R.K., 2012. Pemanfaatan obat tradisional dengan pertimbangan manfaat dan keamanannya. *Pharmaceutical Sciences and Research (PSR)*, 3(1), pp.1-7.
- Scaramucci, T., Borges, A.B., Lippert, F., Frank, N.E. and Hara, A.T., 2013. Sodium fluoride effect on erosion–abrasion under hyposalivatory simulating conditions. *Archives of oral biology*, 58(10), pp.1457-1463.
- Setyamidjaja, D., 2000. Teh Budi Daya dan Pengolahan Pasca Panen. Kanisius, Yogyakarta.
- Shukla, S., Chatterji, S., Yadav, D.K. and Watal, G., 2011. Antimicrobial efficacy of Raphanus sativus root juice. *Int J Pharm Pharm Sci*, 3(5), pp.89-92.
- Steenis, C.V., 2008. Flora untuk Sekolah di Indonesia. Cetakan Kedua Belas. (diterjemahkan oleh Moeso Surjowinoto). *PT. Pradnya Paramita. Jakarta*.
- Stewart, P.S., 2003. Diffusion in biofilms. *Journal of bacteriology*, 185(5), pp.1485-1491.
- Sutherland, I.W., 1999. Polysaccharases for microbial exopolysaccharides. *Carbohydrate Polymers*, 38(4), pp.319-328.
- Usha, H.L., 2010. Biofilm in endodontics: New understanding to an old problem. *International Journal of Contemporary Dentistry*, 1(3).
- Veiga, Nelio, Daniela Aires, Margarida Pereira, Ana Vaz, Liliana Rama, Mariana Silva, Francisco Pereira, Beatriz Vidal, Joao Plaza, and Filipa Bexiga. 2016. “Dental Caries : A Review.” *Journal of Dental and Oral Health*
- Welin-Neilands, J. and Svensäter, G., 2007. Acid tolerance of biofilm cells of Streptococcus mutans. *Appl. Environ. Microbiol.*, 73(17), pp.5633-5638.
- Wibowo, A., 2006. *Pengaruh Pemberian Polifenol Teh Hijau Terhadap Kemampuan Fagositosis* (Doctoral dissertation, Faculty of Medicine).