

DAFTAR PUSTAKA

- Adhani, R., Widodo, Sukmana, B. I., dan Suhartono, E., (2015) Effect pH on Demineralization Dental Erosion. *IJCEA*. 6(2): 138-141.
- Ahrari, F., Eslami, N., Rajabi, O., Ghazvini, K., dan Barati, S., (2015) The Antimicrobial Sensitivity of *Streptococcus mutans* and *Streptococcus sangius* to Colloidal Solutions of Different Nanoparticles Applied as Mouthwashes. *Dent Res J*. 12(1): 44-49.
- Amalia, A., Sari, I., dan Nursanty, R., (2017) Aktivitas Antibakteri Ekstrak Etil Asetat Daun Sembung (*Blumen balsamifera* (L.) DC.) terhadap Pertumbuhan Pertumbuhan Bakteri *Methicillin Resistant Staphylococcus aureus* (MRSA). *Prosiding Biotik*. 5(1): 387-391.
- Arabski, M., Ciuk, A. W., Czerwonka, G., Lankoff, A., dan Kaca, W., (2011) Effects of Saponins against Clinical *E. coli* strains and Eukaryotic Cell Line. *J Biomed Biotechnol*. 2012(1): 1-7.
- Boyle, P., Koechlin, A., dan Autier, P., (2013) Mouthwash Use and the Prevention of Plaque, Gingivitis, and Caries. *Oral Dis*. 20(1): 1-68.
- Cappuccino, J. G. dan Welsh, G., (2017) *Microbiology A Laboratory Manual*. 11th ed. Essex: Pearson Education Limited. p. 435.
- Chen, Z., Saxena, D., Caufield, P. W., Ge, Y., Wang, M., dan Li, Y., (2007) Development of Species-Specific Primers for Detection of *Streptococcus mutans* in Mixed Bacterial Samples. *FEMS Microbiol Lett*. 272(2007): 154-152.
- Cheung, H. Y., Wong, M. M. W., Cheung, S. H., Liang, L. Y., Lam, Y. W., Chiu, S. K., Msadek, T., (2012) Differential Actions of Chlorhexidine on Cell Wall of *Bacillus subtilis* and *Escherichia coli*. *PLoS ONE*. 7(5): 1-11.
- Costa, O. Y. A., Raaijmakers, J. M., dan Kuramae, E. E., (2018) Microbial Extracellular Polymeric Substances: Ecological Function and Impact on Soil Aggregation. *Front Microbiol*. 9(1636): 1-14.
- DeGruttola, A. K., Low, D., Mizoguchi, A., dan Mizoguchi, E., (2016) Current Understanding of Dysbiosis in Disease in Human and Animal Models. *Inflamm Bowel Dis*. 22(5): 1137-1150.
- El-Sherbiny, G. M., (2014) Control of Growth *Streptococcus mutans* Isolated from Saliva and Dental Caries. *IJCMAS*. 3(10): 1-10.
- Ferdiana, A. Y., Suwendar, dan Lestari, F., (2019) Uji Aktivitas Antibakteri Ekstrak dan Fraksi Daun Kedondong (*Spondias dulcis* Parkinson) terhadap Bakteri *Staphylococcus aureus* dan *Escherichia coli*. *Prosiding Farmasi*. 5(2): 796-803.
- Fernandes, F. H. A. dan Salgado, H. R. N., (2018) Antimicrobial Activity of *Spondias dulcis* Parkinson Extract Leaves Using Microdilution and Agar Diffusion: A Comparative Study. *ECMI*. 14(9): 1-5.

- Finch, R. G., Greenwood, D., Norrby, S. R., dan Whitley, R. J., (2010) *Antibiotic and Chemotherapy* (9th ed). London: Elsevier Ltd. p. 27.
- Fitriana, Y. A. N., Fatimah, V. A. N., dan Fitri, A. S., (2019) Aktivitas Anti Bakteri Daun Sirih: Uji Ekstrak KHM (Kadar Hambat Minimum) dan KBM (Kadar Bakterisidal Minimum). *Sainteks*. 16(2): 101-108.
- Friedman, J. Y., (2011) The Role of *Streptococcus mutans* in the Formation of Dental Caries: An Ecological Perspective. *Sci J Lander Coll Art Sci*. 5(1): 40-46.
- Garg, N. dan Garg, A., (2015) *Textbook of Operative Dentistry*. Bangladesh: Jaypee Brothers Medical Publishers. pp.46, 76.
- Global Burden of Disease 2017, (2018) Global, Regional, and National Incidence, Prevalence, and Years Lived with Disability for 354 Diseases and Injuries for 195 Countries and Territories, 1990-2017: A Systematic Analysis for the Global Burden of Disease Study 2017, *Lancet*, 392(10159): 1789-1858.
- Gutierrez-Venegas, G., Gomez-Mora, J. A., Meraz-Rodriguez, M. A., Flores-Sanchez, M. A., dan Ortiz-Miranda, L. F., (2019) Effect of Flavonoids on Antimicrobial Activity of Microorganism Present in Dental Plaque, *Heliyon*, 5(2019): 1-6.
- Harseno, S., Mooduto, L., dan Prasetyo, E. P., (2016) Daya Antibakteri Ekstrak Daun Kedondong Bangkok (*Spondias dulcis* Forst.) terhadap Bakteri *Enterococcus faecalis*. *Conserv Dent J*. 6(2): 110-116.
- Hasanah, N. dan Handayani, A., (2019) Uji Toksisitas dan Uji Fitokimia Ekstrak Daun Kedondong (*Spondias dulcis* Parkinson). *Edu Masda J*. 3(1): 13-23.
- Haslam, E., (1988) Plant polyphenols (*Syn.* Vegetable Tannins) and Chemical Defense-A Reappraisal. *J Chem Ecol*. 14(1998): 1789-1805.
- Huang, R., Li, M., dan Gregory, R. L., (2011) Bacterial Interactions in Dental Biofilm. *Virulence*. 2(5): 435-444.
- Kemenkes RI., (2013) *Riset Kesehatan Dasar; RISKESDAS*. Jakarta: Balitbang Kemenkes RI.
- Kemenkes RI., (2018) *Riset Kesehatan Dasar; RISKESDAS*. Jakarta: Balitbang Kemenkes RI.
- Kementan RI., (2013) *Keragaman dan Kekayaan Buah Tropika Nusantara*. Jakarta: Balitbang Kementan RI.
- Kharismawati, M., Utami, P. I., dan Wahyuningrum, R., (2009) Penetapan Kadar Tanin dalam Infusa Daun Salam (*Syzygium polyanthum* (Weight.) Walp)) Secara Spektrofotometri Sinar Tampak, *Pharmacy*. 6(1): 22-27.
- Krzysciak, W., Jurczak, A., Koscielniak., D., Bytrowska, B., dan Skalniak, A., (2014) The Virulence of *Streptococcus mutans* and The Ability to Form Biofilms. *Eur J Clin Microbiol Infect Dis*. 2014(33): 499-515.

- Kumar, S. dan Pandey, A. K., (2013) Chemistry and Biological Activities of Flavonoids: An Overview. *Sci World J.* 13(1): 1-16.
- Li, J., Wu, T., dan Zhu, Y., (2020) Effects of Resveratrol on Cariogenic Virulence Properties of *Streptococcus mutans*. *BMC Microbiol.* 2020(20): 1-11.
- Lim, K. S. dan Kam, P. C. A., (2008) Chlorhexidine – Pharmacology and Clinical Applications. *Anaesth Intensive Care.* 36(4): 502-512.
- Makuasa, D. A. A. dan Ningsih, P., (2020) Analysis of Total Flavonoid Levels in Young Leaves and Old Soursop Leaves (*Annona muricata* L.) Using UV-Vis Spectrophotometry Methods, *J Appl Sci Eng Technol Educ.* 2(1): 11-17.
- Manju, M., Prathyusha, P., Joseph, E., Kaul, R. Shanthraj, S. L., dan Sethi, N., (2015) Evaluation of the Effect of Three Supplementary Oral Hygiene Measures on Salivary Mutans Streptococci Levels in Children: A Randomised Comparative Clinical Trial. *Eur J Dent.* 9(4): 462-469.
- Marcotte, H. dan Hammarstrom, L., (2015) Passive Immunization: Toward Magic Bullets. *Mucosal Immunology.* 2(71): 1403-1434.
- Marsh, P. D. dan Martin, M. V., (2009) *Oral Microbiology* (5th ed.). London: Elsevier Ltd. p. 31.
- Marsh, P. D., Lewis, M. A. O., Rogers, H., Williams, D. W., dan Wilson, M., (2016) *Marsh and Martin's Oral Microbiology*. London: Elsevier Ltd. p.115.
- Merrit, J. H., Kadouri D. E., dan O'Toole, G. A., (2005) Growing and Analysing Statistic Biofilms. *Curr Protoc Microbiol.* 22(1): 1-27.
- Metwalli, K. H., Khan. S. A., Krom, B. P., dan Jabra-Rizk, M. A., (2013) *Streptococcus mutans*, *Candida albicans*, and the Human Mouth: A Sticky situation. *PLOS Pathog.* 9(10): 1-5.
- Mohammed, M, Ahmad, S H., Bakar, R. A., dan Abullah, T. L., (2011) Golden Apple (*Spondias dulcis* Forst. syn. *Spondias cytherea* Sonn.). *Postharvest biology and Technology of Tropical and Subtropical Fruits.* 3(208): 159-177.
- Ortega-Ramirez, L. A., Gutierrez-Pacheco, M. M., Vargas-Arispuro, I., Gonzalez-Aguilar, G. A., Martinez-Tellez, M. A., dan Ayala-Zavala, J. F., (2020) Inhibition of Glucosyltransferase Activity and Glucan Production as an Antibiofilm Mechanism of Lemongrass Essential Oil against *Escherichia coli* O157:H7. *Antibiotics (Basel).* 9(3): 1-12.
- Oteiza, P. I., Erlejman, A. G., Verstraeten, S. V., Keen, C. L., dan Fraga, C. G., (2005) Flavonoid-membrane interactions: A Protective Role of Flavonoids at The Membrane Surface?. *Clin Exp Immunol.* 12(1): 19-25.
- Othman, L., Sleiman, A., dan Abdel-Massih, R. M., (2019) Antimicrobial Activity of Polyphenols and Alcaloids in Middle Eastern Plants. *Front Microbiol.* 10(911): 1-28.

- Pakpahan, K. Y., Yamlean, P. V. Y., dan Jayanto, I., (2020) Formulasi dan Uji Antibakteri Gel Ekstrak Etanol Daun Kedondong (*Spondias dulcis*) terhadap *Pseudomonas aeruginosa*. *Pharmacon*. 9(1): 8-15.
- Poernomo, H. dan Setiawan, S., (2019) The Effect of Moringa Leaf (*Moringa oleifera*) Gel on The Bleeding Time and Collagen Density of Gingival Incision Wound Healing in Marmot (*Cavia porcellus*). *IJKG*. 15(1): 34-39.
- Rahman, F. A., Haniastuti, T., dan Utami, T. W., (2018) The Effect of Ethanol Extract of Soursoup Leaf (*Annona muricata* L.) on Adhesion of *Streptococcus mutans* ATCC 35668 to Hydroxyapatite Discs. *MKGI*. 4(1): 22-26.
- Raji, P., Samrot, A. V., Keerthana, D., dan Karishma, S., (2019) Antibacterial Activity of Alkaloids, Flavonoids, Saponins, and Tannins Mediated Green Synthesised Silver Nanoparticles Against *Pseudomonas aeruginosa* and *Bacillus subtilis*. *J Cluster Sci*. 30(5): 1-15.
- Rumbaugh, K. P. dan Sauer, K., (2020) Biofilm Dispersion. *Nat Rev Microbiol*. 2020(18): 571-586.
- Sameh, S. dan Al-Sayed, E., (2018) Genus *Spondias*: A Phytochemical and Pharmacological Review. *Evid Based Complementary Altern Med*. 2018(1): 1-13.
- Slobodnikova, L., Fialova, S., Rendekova, K., Kovac, J., dan Mucaji, P., (2016) Antibiofilm Activity of Plant Polyphenols. *Molecules*. 2016(21): 1-15.
- Sullivan, A., Edlund, C., dan Nord, C. E., (2001) Effect of Antimicrobial Agents on The Ecological Balance of Human Microflora. *Lancet Infect Dis*. 1(1): 101-114.
- Suparman, I. P., Sudita, I., W., dan Berata, I., K., (2013) Kajian Ekstrak Daun Kedondong (*Spondias dulcis* G.Forst.) Diberikan secara Oral pada Tikus Putih Ditinjau dari Histopatologi Ginjal. *Bul Vet Udayana*. 5(1): 49-56.
- Susanto, L. R. D., Nuryanti, A., dan Wahyudi, I. A., (2013) Efek Minyak Atsiri Daun Kemangi (*Ocimum basilicum* L.) sebagai Agen Penghambat Pembentukan Biofilm *Streptococcus mutans*. *IDJ*. 2(1): 38-44.
- Syafriza, D., Sutadi, H., Primasari, A., Siregar, Y., (2020) Spectrophotometric Analysis of *Streptococcus mutans* Growth and Biofilm Formation in Saliva and Histatin-5 Relate to pH and Viscosity. *Pesqui Bras Odontopediatria Clin Integr*. 21(e0018):1-11.
- Tandelilin, R. T. C. dan Rajiv Saini, (2018) *Dental Plaque: A Biofilm*. Yogyakarta: PT Kanisius. pp.41-44.
- Tang, Y. W. dan Sails, A., (2014) *Molecular Medical Microbiology*. London: Elsevier Ltd. p. 411.

- Tudjuka, K., Ningsih, S., dan Toknok, B., (2014) Keanekaragaman Jenis Tumbuhan Obat pada Kawasan Hutan Lindung di Desa Tindoli Kecamatan Pamona Tenggara Kabupaten Poso. *Warta Rimba*. 2(1): 120-128.
- Waters, C. M., Wells, C. L., dan Dunny, G. M. (2003) The Aggregation Domain of Aggregation Substance, Not the RGD Motifs, Is Critical for Efficient Internalization by HT-29 Enterocytes. *Infect Immun*. 71(10): 5682-5689.
- Xie, Y., Yang, W., Tang, F., Chen, X., dan Ren, L., (2015) Antibacterial Activities of Flavonoids: Structure-Activity Relationship and Mechanism. *Curr Med Chem*. 22(1): 132-149.
- 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. *Dent J*. 5(2): 1-12.
- Zhou, Y., Millhouse, E., Shaw, T., Lappin, D. F., Rajendran, R., Bagg, J., Ramage, G., (2018) Evaluating *Streptococcus mutans* Strain Dependent Characteristics in a Polymicrobial Biofilm Community. *Front Microbiol*.
- Zuhud, E. A. M., Rahayu, W. P., Wijaya, C. H., Sari, P. P., (2001) Aktivitas Antimikroba Ekstral Kedawung (*Parkia roxburghii* G. Don) terhadap Bakteri Patogen. *JTIP*. 12(1): 6-12.