

DAFTAR PUSTAKA

- Abrantes, P. M. D. S., & Africa, C. W. J. (2020). Measuring *Streptococcus Mutans*, *Streptococcus Sanguinis* And *Candida Albicans* Biofilm Formation Using A Real-Time Impedance-Based System. *Journal of Microbiological Methods*, 169, 105815.
- Balouiri, M., Sadiki, M., & Ibensouda, S. K. (2016). Methods For In Vitro Evaluating Antimicrobial Activity: A Review. *Journal of Pharmaceutical Analysis*, 6(2):71–79.
- Bertranda, R. L. (2019). Lag Phase is A Dynamic, Organized, Adaptive, And Evolvable Period That Prepares Bacteria For Cell Division. *Journal of Bacteriology*, 201(7): 1–21.
- Bhise, K., Sau, S., Kebriaei, R., Rice, S. A., Stamper, K. C., Alsaab, H. O., Rybak, M. J., & Iyer, A. K. (2018). Combination of Vancomycin and Cefazolin Lipid Nanoparticles For Overcoming Antibiotic Resistance of MRSA. *Materials*, 10(7).
- Binti Anzian, A., Rashidah, S., Saari, N., Wan, C., Safraa, N., Sapawi, C. W., Shobirin, A., & Hussin, M. (2017). Chemical Composition and Antioxidant Activity of Torch Ginger (*Etlingera Elatior*) Flower Extract. *Food and Applied Bioscience Journal*, 5(1):32–49.
- Bush, K. (2017). Antimicrobial Agents. *Current Opinion in Chemical Biology*, 1(2):169–175.
- Carmine, A. A., Brogden, R. N., Heel, R. C., Speight, T. M., & Avery, G. S. (2012). Cefotaxime: A review of its Antibacterial Activity, *Pharmacological Properties and Therapeutic Use in Drugs*, 25(3).
- Chan, E. W. C., Lim, Y. Y., & Wong, S. K. (2011). Phytochemistry and Pharmacological Properties of *Etlingera Elatior*: A Review. *Pharmacognosy Journal*, 3(22): 6–10.
- Chen, H., & Wang, L. (2017). Technologies for Biochemical Conversion of Biomass. Metallurgical Industry Press. pp 137-141.
- Deo, P. N., & Desmukh, R. (2019). Oral Microbiome: Unveiling The Fundamentals. *Journal of Oral and Maxillofacial Pathology*, 21(3), 244–251.
- Diyantika, D., Mufida, D.C., Misnawi. (2017) Perubahan *Morfologi Staphylococcus aureus* Akibat Paparan Ekstrak Etanol Biji Kakao (*Theobroma cacao*) secara *in vitro*. *Journal of Agromedicine and Medical Sciences*. 3(1): 25-33.
- Erik, K., Knudsen, B., Laerke, H. N., & Jørgensen, H. (2012). *Carbohydrates and Carbohydrate Utilization in Swine*. Sustainable Swine Nutrition, 109–137.
- Ernilasari, Walil, K., Fitmawati, Roslim, D. I., Zumaidar, Saudah, & Rayhannisa. (2021). Antibacterial Activity of Leaves, Flowers, And Fruits Extract of *Etlingera Elatior* From Nagan Raya District, Indonesia Against *Escherichia*

Coli and *Staphylococcus Aureus*. *Biodiversitas*, 22(10):4457–4464.

Foerster, S., Unemo, M., Hathaway, L. J., Low, N., & Althaus, C. L. (2016). Time-Kill Curve Analysis and Pharmacodynamic Modelling For in Vitro Evaluation of Antimicrobials Against *Neisseria Gonorrhoeae*. *BMC Microbiology*, 16(1): 1–11.

Ge Y., Caufield P.W., Fisch G.S., Li Y. (2008). *Streptococcus mutans* and *Streptococcus sanguinis* Colonization Correlated with Caries Experience in Children. *Caries Research*, 42:444-448.

Ghasemzadeh, A., Jaafar, H. Z. E., Rahmat, A., & Ashkani, S. (2015). Secondary Metabolites Constituents And Antioxidant, Anticancer And Antibacterial Activities Of *Etlingera Elatior* (Jack) R.M.Sm Grown in Different Locations Of Malaysia. *BMC Complementary and Alternative Medicine*, 15(1):1–10.

Guo, X., Liu, S., Zhou, X., Hu, H., Zhang, K., Du, X., Peng, X., Ren, B., Cheng, L., & Li, M. (2019). Effect of D-Cysteine on Dual-Species Biofilms of *Streptococcus Mutans* and *Streptococcus Sanguinis*. *Scientific Reports*, 9(1): 1–9.

Hutomo, S., Susilowati, H., Agustina, D., & Asmara, W. (2018). Analysis of Anti-*Streptococcus Sanguinis* Igy Ability to Inhibit *Streptococcus Sanguinis* Adherence. *Dental Journal (Majalah Kedokteran Gigi)*, 51(1):33.

Juwita, T., Puspitasari, I. M., & Levita, J. (2018). Torch Ginger (*Etlingera Elatior*): A Review on Its Botanical Aspects, Phytoconstituents and Pharmacological Activities. *Pakistan Journal of Biological Sciences*, 21(4): 151–165.

Kaczmarek, B. (2020), Tannic Acid with Antiviral and Antibacterial Activity as A Promising Component of Biomaterial - A Mini Review, *Materials*, 13(14):3224.

Kementrian Kesehatan, RI. (2018). *Tabel Komposisi Pangan Indonesia 2017*. Kementrian Kesehatan RI Direktorat Jenderal Kesehatan Masyarakat.

Kining, E., Syamsul, F., dan Novik, N. (2016). Aktivitas Antibiofilm Ekstrak Air Daun Pepaya (*Carica papaya* L.) terhadap Bakteri *Pseudomonas aeruginosa* secara *in vitro*. *Current Biochemistry*. 2(3):150-163.

Koraag, M. E. (2020). Lethal Time Ekstrak Bunga Kecombrang (*Etlingera elatior*) Terhadap Larva *Aedes aegypti*. *Seminar Nasional Biologi*, pp 300–309.

Lehman, D. C., Mahon, C. R., Suvarna, K. (2015). *Streptococcus*, *Enterococcus*, and Other Catalase-Negative, Gram-Positive Cocci. *Diagnostic Textbook of Microbiology*. pp 306-308.

Lim, T. K., (2014). *Etlingera Elatior*. *Edible Medicinal and Non Medicinal Plants*. 8 (8): 834-843

Luisa Navarro-Pérez, M., Coronada Fernández-Calderón, M., & Vadillo-Rodríguez, V. (2022). Decomposition of Growth Curves into Growth Rate and Acceleration: a Novel Procedure To Monitor Bacterial Growth and the Time-

Dependent Effect of Antimicrobials. *Applied and Environmental Microbiology*, 88(3):1–9.

MacHiulskiene, V., Campus, G., Carvalho, J. C., Dige, I., Ekstrand, K. R., Jablonski-Momeni, A., Maltz, M., Manton, D. J., Martignon, S., Martinez-Mier, E. A., Pitts, N. B., Schulte, A. G., Splieth, C. H., Tenuta, L. M. A., Ferreira Zandona, A., & Nyvad, B. (2020). Terminology of Dental Caries and Dental Caries Management: Consensus Report of a Workshop Organized by ORCA and Cariology Research Group of IADR. *Caries Research*, 54(1):7–14.

Martini, A. M., Moricz, B. S., Ripperger, A. K., Tran, P. M., Sharp, M. E., Forsythe, A. N., Kulhankova, K., Salgado-Pabón, W., & Jones, B. D., (2020). Association of Novel *Streptococcus sanguinis* Virulence Factors With Pathogenesis in a Native Valve Infective Endocarditis Model. *Frontiers in Microbiology*. 11(10) : 1–15.

Mathur, V. P., & Dhillon, J. K. (2018). Dental Caries: A Disease Which Needs Attention. *Indian Journal of Pediatrics*, 85(3):202–206.

Mounika S., Nithya Jagannathan, Murali. (2015). Association of *Streptococcus mutans* and *Streptococcus sanguinis* in Act of Dental Caries. *Journal of Pharmaceutical Science and Research*, 7(9):564-766.

Muhammad, P.H., Wrsiati, L.P., Dewi Anggreni, A. A. M., (2015) Pengaruh Suhu dan Lama Curing terhadap Kandungan Senyawa Bioaktif Ekstrak Etanol Bunga Kecombrang (*Nicolaia speciosa* Horan). *Jurnal Rekayasa dan Manajemen Agroindustri*, 3(4):92-102.

Pradayani, M. P. (2021) Daya Antibakteri Ekstrak Kulit Apel Manalagi (*Malus sylvestris* (L.) Mill) terhadap Pertumbuhan *Streptococcus Sanguinis*. *Bali Dental Journal*, 5(2):63-69.

Putri D.K.T., Kriswandini I.L., Luthfi M. (2016). Characterization of *Streptococcus sanguinis* molecular receptors for *Streptococcus mutans* binding molecules, *Dental Journal Majalah Kedokteran Gigi*. 49(4): 213-216.

Rachkeree, A., Kuttiga Kantadoung, Rachuporn Suksathan, Ratchadawan Puangpradab, Paul Alexander Page, Sarana Rose Sommano. (2018). Nutritional Compositions and Phytochemical Properties of the Edible Flowers from Selected *Zingiberaceae* Found in Thailand. *Frontiers in Nutrition*, 5(3):1-10.

Riwanti, P., Izazih, F., & Amaliyah, A. (2018). Pengaruh Perbedaan Konsentrasi Etanol pada Kadar Flavonoid Total Ekstrak Etanol 50,70 dan 96% *Sargassum polycystum* dari Madura. *Journal of Pharmaceutical-Care Anwar Medika*, 2(2):35–48.

Samaranayake, L. (2018). *Essential Microbiology for Dentistry Fifth Edition*. In SpringerVerlag Berlin Heidelberg. pp 125,126,275.

Syahrani, H. D., & Manalu, Efrida Kartika Pima Sari, T. (2021). Uji Efektivitas

- Antimikroba Ekstrak Bunga Kecombrang (*Etlingera elatior*) terhadap Pertumbuhan *Streptococcus mutans* dan *Candida albicans*. *Biology Education, Science & Technology (BEST) Journal* 4(2):367–373.
- Stülke, J., & Hillen, W. (1999). Carbon Catabolite Repression in Bacteria. *Current Opinion in Microbiology*, 2(2):195–201.
- Takahashi, N., & Nyvad, B. (2011). The Role of Bacteria in The Caries Process: Ecological Perspectives. *Journal of Dental Research*, 90(3):294–303.
- Kemenkes. (2020). Tabel Komposisi. In *Tabel Komposisi Pangan Indonesia*. hal 72.
- Ullah, A., Munir, S., Badshah, S. L., Khan, N., Ghani, L., Poulson, B. G., Emwas, A. H., & Jaremko, M. (2020). Important Flavonoids and Their Role As A Therapeutic Agent. *Molecules*, 25(22):1–39.
- Utami, D.T., Pratiwi, S.U.T., Haniastuti, T., dan Hertiani, T. (2020). Efficacy of Quercetin on Degradation of *Streptococcus sanguinis* and *Streptococcus mutans* Biofilms. *International Medical Journal*. 25(04): 1763-1770.
- Willey, Joanne M., Linda M.S., Christopher J. Woolverton. (2009). Prescott's Principles of Microbiology. *McGraw-Hill Higher Education*. pp 154-156.
- Yunus, M. F., Ismail, N. A., Sundram, T. C. M., Zainuddin, Z., & Rosli, N. M. (2021). Commercial Potentials and Agronomic Status of *Etlingera Elatior*, A Promising Horticulture Plant From *Zingiberaceae* Family. *Agrivita*, 43(3): 665–678
- Zhao, Y., Chen, B., Shen, J., Wan, L., Zhu, Y., Yi, T., & Xiao, Z. (2017). The Beneficial Effects of Quercetin, Curcumin, and Resveratrol in Obesity. *Oxidative Medicine and Cellular Longevity*. Vol.2017:1-8.
- Zhu, B., Macleod, L. C., Kitten, T., Xu, P. (2018) *Streptococcus sanguinis* Biofilm Formation and Interaction with Oral Pathogens. *Future Microbiology*. 13(8): 915-932.