

DAFTAR PUSTAKA

- Agarwal, R. K., Singh, S., Bhilegaonkar, K. N., dan Singh, V. P., (2011) Optimization of Microtitre Plate Assay for the Testing of Biofilm Formation Ability in Different *Salmonella* Serotypes, *International Food Research Journal*, 18(4): 1493-1498.
- Ahmad, M. I., Ali, N., Feroz, F., Faizan, M., Usman, M., Farman, M., dan Arif, S., (2021) Phytochemical and Pharmacological Profile of *Eucalyptus globulus*, *Global Scientific Journal*, 9(5): 1725-1733.
- Allkja, J., Charante, F., Aizawa, J., Reigada, I., Guarch-Perez, C., Vazquez-Rodriguez, J. A., Cos, P., Coenye, T., Fallarero, A., Zaat, S. A. J., Felici, A., Ferrari, L., Azevedo, N. F., Parker, A. E., dan Goeres, D. M., (2021) Interlaboratory Study for the Evaluation of Three Microtiter Plate-Based Biofilm Quantification Methods, *Scientific Reports*, 11(1): 1-10.
- Amalia, A., Sari, I., dan Nursanty, R., (2017) Aktivitas Antibakteri Ekstrak Etil Asetat Daun Sembung (*Blumea balsamifera* (L.) DC.) terhadap Pertumbuhan Bakteri *Methicillin Resistant Staphylococcus aureus* (MRSA), *Prosiding Seminar Nasional Biotik*, 5(1): 387-391.
- Asimuddin, M., Ranawat, B., Jamil, K., dan Rao, C., (2017) Estimation of Antibacterial Activity of Plants Extracts from *Phyllanthus Emblica*, *Terminalia Chebula* and *Eucalyptus Globulus* Against Oral Pathogens, *International Journal of Dentistry and Oral Health*, 3(9): 100-104.
- ATCC, (2020) *Streptococcus mutans* Clarke (ATCC 25175™), www.atcc.org, diakses pada 10 Juni 2022.
- Bathla, S., dan Bathla, M., (2011) *Periodontics Revisited*, New Delhi: Jaypee Brothers Medical Publishers Ltd., hal. 66-68.
- Bankur, P. K., Mathew, M., Almalki, S. A., Jalaluddin, M., Jayanti, I., dan Durgaraju, M., (2019) An In Vitro Evaluation of Antibacterial Efficacy of Various Concentration of *Eucalyptus globulus* Leaf Extract on Periodontal Pathogens, *The Journal of Contemporary Dental Practice*, 20(9): 1041-1044.
- Bescos, R., Ashworth, A., Cutler, C., Brookes, Z. L., Belfield, L., Rodiles, A., Casas-Agustench, P., Farnham, G., Liddle, L., Burleigh, M., White, D., Easton, C., dan Hickson, M., (2020) Effects of Chlorhexidine Mouthwash on the Oral Microbiome, *Scientific Reports*, 10(1): 1–8.

- Cahyani, I.M., dan Khoeriyah, M., (2018) Efektivitas Antibakteri Minyak Atsiri Daun Eukaliptus (*Eucalyptus globulus*) dalam Sediaan Krim sebagai Antibakteri, *Jurnal Ilmu Farmasi dan Farmasi Klinik*, 14(2): 20-24.
- Cappuccino, J. G., dan Welsh, G., (2017) *Microbiology: A Laboratory Manual*, 11th Ed., Essex: Pearson Education Limited, hal. 435.
- Carniello, V., Peterson, B. W., Mei, H. C., dan Busscher, H. J., (2018) Physico-chemistry from Initial Bacterial Adhesion to Surface-programmed Biofilm Growth, *Advances in Colloid and Interface Science*, 261(1): 1-14.
- Chen, Z., Wang, Y., Guo, C., dan Li, H., (2019) The Antibacterial Activity of Natural Product Black Tea Theaflavins on *Streptococcus mutans*, *IOP Conference Series: Materials Science and Engineering*, 61(2): 1–4.
- Cowan, M. M., (1999) Plant Products as Antimicrobial Agents, *Clinical Microbiology Reviews*, 12(1): 564-582.
- Egi, M., Soegiharto, G. S., dan Evacuasiany, E., (2018) Efek Berkumur Sari Buah Tomat (*Solanum lycopersicum* L.) terhadap Indeks Plak Gigi, *SONDE (Sound of Dentistry)*, 3(2):70-84.
- Fatmawati, D. W. A., (2011) Hubungan Biofilm *Streptococcus mutans* terhadap Resiko Terjadinya Karies Gigi, *Stomatognatic (Jurnal Kedokteran Gigi Unej)*, 8(3): 127-130.
- Gartika, M., Sasmita, I. S., Satari, M. H., Chairulfattah, A., dan Hilmanto, (2014) Antibacterial Activity of Papain Against *Streptococcus mutans* ATCC 25175, *International Journal of Development Research*, 4(10): 2075-2077.
- Goldbeck, J. C., do Nascimento, J. E., Jacob, R. G., Fiorentini, A. M., dan da Silva W. P., (2014) Bioactivity of Essential Oils from *Eucalyptus globulus* and *Eucalyptus urograndis* Against Planktonic Cells and Biofilms of *Streptococcus mutans*, *Industrial Crops and Products*, 60(1): 304-309.
- Hayat, U., Jilani, M. I., Rehman, R., dan Nadeem, F., (2015) A Review on *Eucalyptus globulus*: A New Perspective in Therapeutics, *International Journal of Chemical and Biochemical Sciences*, 8(1): 85-91.
- Haney, E. F., Trimble, M. J., dan Hancock, R. E W., (2021) Microtiter Plate Assays to Assess Antibiofilm Activity Against Bacteria, *Nature Protocols*, 16(1): 2615-2632.

- Hoffman, M. D., Zucker, L. I., Brown, P. J., Kysela, D. T., Brun, Y. V., dan Jacobson, S. C., (2015) Timescales and Frequencies of Reversible and Irreversible Adhesion Events of Single Bacterial Cells, *Analytic Chemistry*, 87(24): 12032-12039.
- Integrated Taxonomic Information System (1854) *Eucalyptus globulus* Labill, www.itis.gov, diakses pada 15 Agustus 2022.
- Jamal, M., Tasneem, U., Hussain, T., Andleeb, S., (2015) Bacterial Biofilm: Its Composition, Formation, and Role in Human Infections, *Research & Reviews: Journal of Microbiology and Biotechnology*, 4(3): 1-14.
- Kamolnarumeth, K., Thussananutiyakul, J., Lertchwalitanon, P., Rungtanakiat, P., Mathurasai, W., Sooampon, S., dan Arunyanak, S. P., (2020) Effect of Mixed Chlorhexidine and Hydrogen Peroxide Mouthrinses on Developing Plaque and Stain in Gingivitis Patients: A Randomized Clinical Trial, *Clinical Oral Investigations*, 25(4): 1697-1704.
- Kementerian Kesehatan Republik Indonesia, (2018) *Laporan Nasional RISKESDAS 2018*, Jakarta: Badan Penelitian dan Pengembangan Kesehatan, hal. 185.
- Kolenbrander, P. E., Palmer J. R. R. J., Rickard A. H., Jakubovics, N. S., Chalmers, N. I., dan Diaz, P. I., (2000) Bacterial Interactions and Successions During Plaque Development, *Periodontology*, 42(1): 47-79.
- Koswandy, L. F., dan Ramadhania, Z. M., (2016) Kandungan Senyawa Kimia dan Bioaktivitas dari *Eucalyptus globulus* Labill, *Jurnal Farmaka*, 14(2): 63-78.
- Krzyściak, W., Jurczak, A., Kościelniak, D., Bystrowska, B., dan Skalniak, A., (2014) The Virulence of *Streptococcus mutans* and the Ability to Form Biofilms, *European Journal of Clinical Microbiology & Infectious Diseases*, 33(4): 499-515.
- Lemos, José A., Quivey, R. G., Koo, H., dan Abranches, J., (2013) *Streptococcus mutans*: A New Gram-Positive Paradigm?, *Microbiology*, 159(1): 436-445.
- Madduluri, S., Rao, K. B., dan Sitaram, B., (2013) In vitro Evaluation of Antibacterial Activity of Five Indigenous Plants Extract Against Five Bacterial Pathogens of Human, *International Journal of Pharmacy and Pharmaceutical Sciences*, 5(4): 679-684.

- Maghfirah, F., Saputri, D., dan Basri, (2017) Aktivitas Pembentukan Biofilm *Streptococcus mutans* dan *Candida albicans* setelah Dipapar dengan *Cigarette Smoke Condensate* dan Minuman Probiotik, *Journal Caninus Dentistry*, 2(1): 12-19.
- Marsh, P. D., dan Martin, M. V., (2016) *Marsh & Martin's Oral Microbiology*, 6th Ed., New York: Elsevier, hal. 35, 75.
- Ngajow, M., Abidjulu, J., dan Kamu, V. S., (2013) Pengaruh Antibakteri Ekstrak Kulit Batang Matoa (*Pometia pinnata*) terhadap Bakteri *Staphylococcus aureus* secara in vitro, *Jurnal Mipa*, 2(2):128-132.
- Nugraha, A.C., Prasetya, A.R., dan Mursiti, S., (2017) Isolasi, Identifikasi, Uji Aktivitas Senyawa Flavonoid sebagai Antibakteri dari Daun Mangga, *Indonesian Journal of Chemical Science*, 6(2): 91-96.
- Oktanauli, P., Taher, P., dan Prakasa, (2017) Efek Obat Kumur Beralkohol terhadap Jaringan Rongga Mulut, *Jurnal Ilmiah dan Teknologi Kedokteran Gigi*, 13(1): 4-7.
- Parashar, A., (2015) Mouthwashes and Their Use in Different Oral Condition, *Scholar Journal of Dental Sciences*, 2(2): 186-191.
- Pujoraharjo, P. dan Herdiyati, Y., (2018) Efektivitas Antibakteri Tanaman Herbal terhadap *Streptococcus mutans* pada Karies Anak, *Journal of Indonesian Dental Association*, 1(1): 51-56.
- Rabin, N., Zheng, Y., Opoku-Temeng, C., Du, Y., Bonsu, E., dan Sintim, H. O., (2015) Biofilm Formation Mechanisms and Targets for Developing Antibiofilm Agents, *Future Medicinal Chemistry*, 7(4): 493–512.
- Rahim, Z. H. A., dan Thurairajah, N., (2011) Scanning Electron Microscopic Study of *Piper betle* L. Leaves Extract Effect Against *Streptococcus mutans* ATCC 25175, *Journal of Applied Oral Science*, 19(2): 137–146.
- Ritter, A. V., Boushell, L. W., dan Walter, (2019) *Sturdevant's Art and Science of Operative Dentistry*, 7th Ed., Missouri: Elsevier Inc., hal. 40.
- Sajjan, P., Laxminarayan, N., Kar, P. P., dan Sajjanar, (2016) Chlorhexidine as An Antimicrobial Agent in Dentistry – A Review, *Oral Health and Dental Management*, 15(2): 93-100.
- Sari, D. N., Cholil, dan Sukmana, B. I., (2014) Perbandingan Efektivitas Obat Kumur Bebas Alkohol yang Mengandung *Cetylpyridinium chloride* dengan *Chlorhexidine* terhadap Penurunan Plak Tinjauan pada Mahasiswa Program Studi Kedokteran Gigi Fakultas Kedokteran

Universitas Lambung Mangkurat Banjarmasin Angkatan 2010-2012, *Dentino (Jurnal Kedokteran Gigi)*, 2(2): 179-183.

- Sinaredi, B. R., Pradopo, S., dan Wibowo, T. B., (2014) Daya Antibakteri Obat Kumur *Chlorhexidine*, *Povidone iodine*, *Fluoride* Suplementasi *Zinc* terhadap *Streptococcus mutans* dan *Porphyromonas gingivalis*, *Dental Journal (Majalah Kedokteran Gigi)*, 47(4): 211-214.
- Sudarwati, T. P. L., dan Fernanda, M. A., (2018) Aktivitas Antibakteri Daun Pepaya (*Carica papaya*) Menggunakan Pelarut Etanol terhadap Bakteri *Bacillus subtilis*, *Journal of Pharmacy and Science*, 3(2):13-16.
- Suratri, M. A., Jovina, T. A., dan Notohartoyo, I., (2018) The Relationship of Dental Caries with Drinking Water Consumption on Community in Indonesia, *Media Litbangkes*, 28(3): 211–218.
- Tortora, G. J., Funke, B. R. dan Case, (2019) *Microbiology : An Introduction*, 13th Ed., Boston: Pearson Education Inc., hal.
- Wilson, C., Lukowicz, R., Merchant, S., Valquier-Flynn, H., Caballero, J., Sandoval, J., Okuom, M., Huber, C., Brooks, T. D., Wilson, E., Clement, B., Wentworth, C. D., dan Holmes, A. E., (2017) Quantitative and Qualitative Assessment Methods for Biofilm Growth: A Mini-Review, *Jornal of Engineering and Technology*, 6(4): 1-25.
- Wiradona, I., Widjanarko, B., dan Syamsulhuda, (2013) Pengaruh Perilaku Menggosok Gigi terhadap Plak Gigi pada Siswa Kelas IV dan V di SDN Wilayah Kecamatan Gajahmungkur Semarang, *Jurnal Promosi Kesehatan Indonesia*, 8(1): 59-68.
- Wulansari, E.D., Lestari, D., dan Khoirunissa, M.A., (2020) Kandungan Terpenoid dalam Daun Ara (*Ficus Carica* L.) Sebagai Agen Antibakteri terhadap Bakteri *Methicillin-Resistant Staphylococcus aureus*, *Pharmacon*, 9(2): 219-225.
- Yost, J. M., Wise, S. L., Love, N. L. R., Steane, D. A., Jones, R. C., Ritter, M. K., dan Potts, B. M., (2021) Origins, Diversity and Naturalization of *Eucalyptus globulus* (*Myrtaceae*) in California, *Forest* 2021, 12:1-18.