

## DAFTAR PUSTAKA

- Al-Hiyasat, A.S., Ma'ayeh, S.Y., Hindiyeh, M.Y., dan Khader, Y.S., (2007) The presence of *Pseudomonas aeruginosa* in the dental unit waterline systems of teaching clinics. *International Journal of Dental Hygiene*. 5(1): 36–44.
- Bates, D.W., Larizgoitia, I., Prasopa-Plaizier, N., dan Jha, A.K., (2009) Global priorities for patient safety research. *BMJ*. 338(7705): 1242–1244.
- Bereket, W., Hemalatha, K., Getenet, B., Wondwossen, T., Solomon, A., Zeynudin, A., dan Kannan, S., (2020) Update on bacterial nosocomial infections. *European Review for Medical and Pharmacological Sciences*. 16(8): 1039–1044.
- Brooks, G.F., Carroll, K.C., Butel, J.S., Morse, S.A., dan Mietzner, T.A., (2013) *Jawetz, Melnick, & Adelberg's Medical Microbiology*. 26th ed. New York: Tim Mc-Graw Hill. pp. 245-248.
- Burdman, S., Bahar, O., Parker, J. K., dan de la Fuente, L., (2011) Involvement of type IV pili in pathogenicity of plant pathogenic bacteria. *Genes*. 2(4): 706–735.
- Burke, R., Upton, M., dan McLoughlin, A., (1990) Influence of pigment production on resistance to ultraviolet irradiation in *Pseudomonas aeruginosa* ATCC 10145. *Irish Journal of Food Science and Technology*. 14(1): 51–60.
- Colombo, A.V., Barbosa, G.M., Higashi, D., diMicheli, G., Rodrigues, P.H., Simionato, M.R.L., (2013) Quantitative Detection of *Staphylococcus aureus*, *Enterococcus faecalis* and *Pseudomonas aeruginosa* in Human Oral Epithelial Cells from Subjects with Periodontitis and Periodontal Health. *Journal of Medical Microbiology*. 61(10): 1592-1600.
- Conrad, J.C., Gibiansky, M.L., Jin, F., Gordon, V.D., Motto, D.A., Mathewson, M. A., Stopka, W. G., Zelasko, D. C., Shrout, J. D., dan Wong, G. C. L., (2011) Flagella and pili-mediated near-surface single-cell motility mechanisms in *P. aeruginosa*. *Biophysical Journal*. 100(7): 1608–1616.
- Cushnie, T.P.T. dan Lamb, A.J., (2005) Antimicrobial activity of flavonoids. *International Journal of Antimicrobial Agents*. 26(5): 343–356.
- Diggle, S.P. dan Whiteley, M., (2020) Microbe profile: *Pseudomonas aeruginosa*: Opportunistic pathogen and lab rat. *Microbiology*. 166(1): 30–33.

- Dye, K.J., Vogelaar, N.J., Sobrado, P., dan Yang, Z., (2021) High-throughput screen for inhibitors of the type iv pilus assembly ATPase PilB. *Mosphere*. 6(2): 1-12.
- Faezi, S., Bahrmand, A.R., Mahdavi, M., Siadat, S.D., Nikokar, I., dan Sardari, S., (2017) Development of a novel anti-adhesive vaccine against *Pseudomonas aeruginosa* targeting the c-terminal disulfide loop of the pilin protein. *International Journal of Molecular and Cellular Medicine*. 6(2): 96–108.
- Farha, A.K., Yang, Q.Q., Kim, G., Li, H.B., Zhu, F., Liu, H.Y., Gan, R.Y., dan Corke, H., (2020) Tannins as an alternative to antibiotics. *Food Bioscience*. 38: 1-14.
- Gunardi, W.D., (2017) Mekanisme biomolekuler *Pseudomonas aeruginosa* dalam pembentukan biofilm dan sifat resistensi terhadap antibiotika. *Jurnal Kedokteran Meditek*. 22(59): 1–7.
- Gupta, A. dan Kaur, M., (2021) Evaluation of antibacterial efficacy of *Ocimum sanctum* L. against certain bacterial species and phytochemical analysis. *Environment Conservation Journal*. 22(3): 341–345.
- Hajardhini, P., Susilowati, H., Dedy, H., dan Yulianto, K., (2020) Rongga mulut sebagai reservoir potensial untuk infeksi *Pseudomonas aeruginosa*. *ODONTO Dental Journal*. 7(2): 125-133.
- Hartono, S.K., Haniastuti, T., Susilowati, H., Handajani, J., dan Jonarta, A.L., (2019) The effect of in vitro royal jelly provision on adhesion of *Pseudomonas aeruginosa*. *Majalah Kedokteran Gigi Indonesia*. 5(1): 1-5.
- Kazmierczak, B.I., Schniederberend, M., dan Jain, R., (2015) Cross-regulation of *Pseudomonas* motility systems: The intimate relationship between flagella, pili and virulence. *Current Opinion in Microbiology*. 28: 78–82.
- Khan, F., Pham, D. T.N., Oloketuyi, S.F., dan Kim, Y.M., (2020) Regulation and controlling the motility properties of *Pseudomonas aeruginosa*. *Applied Microbiology and Biotechnology*. 104(1): 33–49.
- Khan, H.A., Ahmad, A., dan Mehboob, R., (2015) Nosocomial infections and their control strategies. *Asian Pacific Journal of Tropical Biomedicine*. 5(7): 509–514.
- Khan, H.A., Baig, F.K., dan Mehboob, R., (2017) Nosocomial infections: Epidemiology, prevention, control and surveillance. *Asian Pacific Journal of Tropical Biomedicine*. 7(5): 478–482.
- Kipnis, E., Sawa, T., dan Wiener-Kronish, J., (2006) Targeting mechanisms of *Pseudomonas aeruginosa* pathogenesis. *Medecine et Maladies Infectieuses*. 36(2): 78–91.

- Kline, K.A., Fälker, S., Dahlberg, S., Normark, S., dan Henriques-Normark, B., (2009) Bacterial adhesins in host-microbe interactions. *Cell Host and Microbe*. 5(6): 580–592.
- Larasati, D.A. dan Apriliana, E., (2016) The potential effect of basil leaves (*Ocimum basilicum* L.) as utilization of hand sanitizer. *MAJORITY*. 5(5): 124-129.
- Leighton, T.L., Buensuceso, R.N.C., Howell, P.L., dan Burrows, L.L., (2015) Biogenesis of *Pseudomonas aeruginosa* type iv pili and regulation of their function. *Environmental microbiology*. 17(11): 4148–4163.
- Lin, S.M., Svoboda, K.K.H., Giletto, A., Seibert, J., dan Puttaiah, R., (2011) Effects of hydrogen peroxide on dental unit biofilms and treatment water contamination. *European Journal of Dentistry*. 5(1): 47–59.
- Maharjan, S., (2020) *Ocimum Sanctum* (Linn.); The queen of herbs. *European Journal of Biomedical and Pharmaceutical Sciences*. 6(8): 106-109.
- Mogana, R., Adhikari, A., Tzar, M.N., Ramliza, R., dan Wiart, C., (2020) Antibacterial activities of the extracts, fractions and isolated compounds from canarium patentinervium miq. Against bacterial clinical isolates. *BMC Complementary Medicine and Therapies*. 20(55): 1-11.
- Muzafri, A. dan Karno, R., (2022) Testing of andaliman extract (*zanthoxylum acanthopodium* dc) with 4 types of solutions (ethyl acetate, aquades, methanol, and hexane) on growth of bacteria *Escherichia coli*. *KESANS: International Journal of Health and Science*. 1(4): 337-343.
- Orrù, G., Nero, S.D., Tuveri, E., Ciusa, M.L., Pilia, F., Erriu, M., Orrù, G., Liciardi, M., Piras, V., dan Denotti, G., (2010) Evaluation of antimicrobial-antibiofilm activity of a hydrogen peroxide decontaminating system used in dental unit water lines. *The Open Dentistry Journal*. 4: 140-146.
- Prasetyaningsih, Y., Nadifah, F., Lani, L.N., dan Elisabeth, M., (2019) Potensi infusa daun kemangi (*Ocimum sanctum* Linn.) sebagai obat bisul dan penyakit kulit. *Prosiding Seminar Nasional Biodiversitas Indonesia*. 5(1): 7-14.
- Qomar, M., Budiyanto, M.A.K, Sukarsono., Wahyuni, S., dan Husamah, (2018) Efektivitas berbagai konsentrasi ekstrak daun kayu manis (*Cinnamomum Burmannii* [Ness.] Bi) terhadap diameter zona hambat pertumbuhan bakteri *Staphylococcus epidermidis*. *Jurnal Biota*. 4(1): 12-18.
- Raofi, S., Kan, F.P., Rafiei, S., Hosseinipalangi, Z., Mejareh, Z.N., Khani, S., Abdollahi, B., Talab, F.S., Sanaei, M., Zarabi, F., Dolati, Y., Ahmadi, N., Raofi, N., Sarhadi, Y., Masoumi, M., Hosseini, B.S., Vali, N.,

- Gholamali, N., Asadi, S., dan Ghashghaee, A., (2023) Global prevalence of nosocomial infection: A systematic review and meta-analysis. *PLoS ONE*. 18(1): 1-17.
- Reddy, P. L. dan Chand, A.A., (2020) Control and prevention of nosocomial infection. *International Journal of Community Medicine and Public Health*. 7(7): 2528-2531.
- Sarah, S. dan Lamia, A.M., (2015) Estimation of the phytochemical constituents and biological activity of iraqi *Ocimum sanctum* L. extracts. *International Journal Pharma and Bio Sciences*. 6(1): 999–1007.
- Semmler, A.B.T., Whitchurch, C.B., dan Mattick, J.S., (1999) A re-examination of twitching motility in *Pseudomonas aeruginosa*. *Microbiology*. 145(10): 2863–2873.
- Siva, M., Shanmugam, K.R., Shanmugam, B., Venkata Subbaiah, G., Rafi, S., Sathyavelu Reddy, K., Mallikarjuna, K., (2016) *Ocimum sanctum*: a review on the pharmacological properties. *International Journal of Basic and Clinical Pharmacology*. 5(3): 558–565.
- Souza, L.C.D., Lopes, F.F., Bastos, E.G., dan Alves, C.M.C., (2018) Oral infection by *Pseudomonas aeruginosa* in patient with chronic kidney disease - a case report. *Jornal Brasileiro de Nefrologia : 'orgao Oficial de Sociedades Brasileira e Latino-Americana de Nefrologia*. 40(1): 82–85.
- Spagnolo, A.M., Sartini, M., dan Cristina, M.L., (2021) *Pseudomonas aeruginosa* in the healthcare facility setting. *Reviews in Medical Microbiology*. 32(3): 169–175.
- Stickland, H.G., Davenport, P.W., Lilley, K.S., Griffin, J.L., dan Welch, M., (2010) Mutation of *nfxB* causes global changes in the physiology and metabolism of *Pseudomonas aeruginosa*. *Journal of Proteome Research*. 9(6): 2957–2967.
- Talà, L., Fineberg, A., Kukura, P., dan Persat, A., (2019) *Pseudomonas aeruginosa* orchestrates twitching motility by sequential control of type IV pili movements. *Nature Microbiology*. 4(5):774–780.
- Tatli Cankaya, I.I. dan Somuncuoglu, E.I., (2021) Potential and prophylactic use of plants containing saponin-type compounds as antibiofilm agents against respiratory tract infections. *Evidence-based Complementary and Alternative Medicine*. 2021: 1-14.
- Tuon, F.F., Dantas, L.R., Suss, P.H., dan Ribeiro, T.V.S., (2022) Pathogenesis of the *Pseudomonas aeruginosa* biofilm: a review. *Pathogens*. 11(3): 1-19.

- Turahman, T., Nurfiana, G., dan Sari, F., (2019) Antibacterial activity of basil (*ocimum sanctum l*) herb extracts and fractions against *Staphylococcus aureus* ATCC 25923 and *Pseudomonas aeruginosa* ATCC 27853. *Jurnal Farmasi Indonesia*. 16(2): 90–97.
- Volgenant, C.M.C., dan de Soet, J.J., (2018) Cross-transmission in the dental office: does this make you ill?. *Current Oral Health Reports*. 5(4): 221–228.
- Wang, S., Yu, S., Zhang, Z., Wei, Q., Yan, L., Ai, G., Liu, H., dan Ma, L.Z., (2014) Coordination of swarming motility, biosurfactant synthesis, and biofilm matrix exopolysaccharide production in *Pseudomonas aeruginosa*. *Applied and Environmental Microbiology*. 80(21): 6724–6732.
- Yadav, R.N., Kayesth, S., Arora, J., Bhalla, M., Gupta, K.K., Shazad, M., Dey, A., Nissapatorn, V., Verma, A.K., dan Dewan, R.K., (2022) Potential of *ocimum sanctum* to inhibit the growth of *pseudomonas aeruginosa*, a disease-causing micro-organism. *Indian Journal of Pharmaceutical Education and Research*. 56(3): 816–821.
- Yang, D., Wang, T., Long, M., dan Li, P., (2020) Quercetin: its main pharmacological activity and potential application in clinical medicine. *Hindawi: Oxidative Medicine and Cellular Longevity*. 2020: 1-13.
- Yang, P., Zhang, M., dan Van Elsas, J.D., (2017) Role of flagella and type four pili in the co-migration of *Burkholderia terrae* BS001 with fungal hyphae through soil. *Scientific Reports*. 7(1): 1-10.
- Yeung, A.T.Y., Torfs, E.C.W., Jamshidi, F., Bains, M., Wiegand, I., Hancock, R.E.W., dan Overhage, J., (2009) Swarming of *Pseudomonas aeruginosa* is controlled by a broad spectrum of transcriptional regulators, including MetR. *Journal of Bacteriology*. 191(18): 5592–5602.