

DAFTAR PUSTAKA

- Anggriawan, M. B., Roswiem, A. P., dan Nurcholis, W., (2015) Potensi ekstrak air dan etanol kulit batang kayu manis padang (*Cinnamomum burmannii*) terhadap aktivitas enzim A-Glukosidase. *Jurnal Kedokteran YARSI*. 23(2):091-102.
- Al-Dhubiab, B. E., (2012) Pharmaceutical applications and phytochemical profile of *Cinnamomum burmannii*. *Pharmacognosy Reviews*. 6(12): 125-131.
- Aybey, A. dan Demirkan, E., (2016) Inhibition of *Pseudomonas aeruginosa* biofilm formation and motilities by human serum paraoxonase (hPON1). *AIMS Microbiology*. 2(4): 388-401.
- Barnett, F., Axelrod, P., Tronstad, L., Slots, J., Graziani, A., dan Talbot, G., (1988) Ciprofloxacin treatment of periapical *Pseudomonas aeruginosa* infection. *Endodontics and Dental Traumatology*. 4(3):132-137.
- Bouhdid, S., Abrini, J., Amensour, M., Zhri, A., Espuny, M. J., dan Manresa, A., (2010) Functional and ultrastructural changes in *Pseudomonas aeruginosa* and *Staphylococcus aureus* cells induced by *Cinnamomum verum* essential oil. *Journal of Applied Microbiology*. 109(2010): 1139-1149.
- Chow, S., Gu, K., Jiang, L., dan Nassour, A., (2011) Salicylic acid affects swimming, twitching and swarming motility in *Pseudomonas aeruginosa*, resulting in decreased biofilm formation. *Journal of Experimental Microbiology and Immunology*. 15:22-29.
- Clinical and Laboratory Standard Institute, (2016) *Performance standards for antimicrobial susceptibility testing*. 26th ed. Wayne. 64.
- Cramer, D. dan Howitt, D., (2004) *The Sage Dictionary of Statistics*. London: Sage Publication Ltd. pp. 7
- Daniel, W. W. dan Cross, C. L., (2009) *Biostatistics: A Foundation for Analysis in The Health Science*, 9th ed. Wiley: Danvers. pp.190
- Delden, C. V., (2004) Virulence factors in *Pseudomonas aeruginosa*. Dalam: Ramos, J. L., *Pseudomonas*. Granada: Kluwer Academic. pp. 3-22.
- Deressa, T., Tamiru, T., Biadgo, B., Belete, D., Zewdu, S., Mengistie, S., Endris, M., dan Tessema, B., (2015) Antimicrobial potentials of *Apis multiflora* hoey in combination with coffee and cinnamon extracts against common human pathogenic bacteria. *Medicinal Aromatic Plants*. 4(4): 208.
- Doyle, A. A. dan Stephens, J. C., (2019) A review of cinnamaldehyde and its derivatives as antibacterial agents. *Fitoterapia*. Vol. 139. pp. 31.
- Engelkirk, P. G. dan Engelkirk, J. D., (2015) *Burton's microbiology for the health sciences*. 10th ed. Philadelphia: Wolters Kluwer Health.
- Fazeli, H., Akbari, R., Moghim, S., Narimani, T., Arabesatni, M. R., dan Ghoddousi, A. R., (2012) *Pseudomonas aeruginosa* infections in patients,

hospital means, and personnel's specimens. *Journal of Research in Medical Sciences*. 17(3):332-337.

Firmino, D. F., Cavalcante, T. T. A., Gomes, G. A., Firmino, N. C. S., Rosa, L. D., Carvalho, M. G., dan Catunda, F. E. A., (2018) Antibacterial and antibiofilm activities of *Cinnamomum* Sp. essential oil and cinnamaldehyde: antimicrobial activities. *The Scientific World Journal*. Vol. 2018. pp. 1-9.

Gani, S. M. dan Gopinath, P., (2016) Detection of swarming, swimming, and twitching motilities among clinical isolates of *Pseudomonas aeruginosa*. *Journal of Chemical and Pharmaceutical Sciences*. 9(4): 3248-3250.

Gon Ha, D., Kuchma, S. L., dan O'Toole, G. A., (2014) *Pseudomonas* methods and protocols: methods in molecular biology. New York: Springer Sciences and Business Media. pp. 60-63.

Gupta, P., Chhibber, S., dan Harjai, K., (2016) Subinhibitory concentration of ciprofloxacin targets quorum sensing system of *Pseudomonas aeruginosa* causing inhibition of biofilm formation and reduction of virulence. 143(5):643-651.

Herdwiani, W. dan Rejeki, E. S., (2015) Uji aktivitas sitotoksik ekstrak kulit batang kayu manis (*Cinnamomum burmannii*) terhadap kultur sel T47D. *Jurnal Farmasi Indonesia*. 12(2):102-113.

Kahlon, R. S., (2016) Cell envelope: molecular architecture and function. Dalam: Kahlon, R. S. *Pseudomonas: molecular and applied biology*. India: Springer International Publishing Switzerland. pp. 28-66.

Kalia, M., Yadav, V. K., Singh, P. K., Sharma, D., Pandey, H., Narvi, S. S., dan Agarwal, V., (2015) Effect of cinnamon oil on quorum sensing-controlled virulence factors and biofilm formation in *Pseudomonas aeruginosa*. *PLoS ONE*. 10(8): e0135495.

Kerr, K. G. dan Snellin, A. M., (2010) *Pseudomonas aeruginosa* a formidable and ever-present adversary. *The Journal of Hospital Infection*. 73(4):338-344

Khasanah, I., Sarwiyono, dan Surjowardojo, P., (2014) Ekstrak etanol daun kersen (*Muntingia calabura* L.) sebagai antibakteri terhadap *Streptococcus agalactiae* penyebab mastitis subklinis pada sapi perah. *Laporan Penelitian*. Fakultas Peternakan. Universitas Brawijaya. Malang. pp. 4

Laheij, A. M. G. A., Kistler, J. O., Belibasakis, G. N., Valimaa, H., dan De Soet, J. J., (2012) Healthcare-associated viral and bacterial infections in dentistry. *Journal of Oral Microbiology*. 4:17659.

- Li, Y., Bai, F., Xia, H., Zhuang, L., Xu, H., Jin, Y., Zhang, X., Bai, Y., dan Qiao, M., (2015) A novel regulator *PA5022 (aefA)* is involved in swimming motility, biofilm formation, and elastase activity of *Pseudomonas aeruginosa*. *Microbiological Research*. 176(2015): 14-20.
- Maany, D. A., Eldiwany, A. I., dan Atwa, N. A., (2016) Isolation, identification of *Pseudomonas aeruginosa* from a dental unit water line and effect of disinfectants on its antibiotic susceptibility. *Journal of Innovation in Pharmaceutical and Biological Sciences*. 3(4): 106-109.
- Manner, S. dan Fallarero, A., (2018) Screening of natural product derivatives identifies two structurally related flavonoids as potent quorum sensing inhibitors against Gram-negative bacteria. *International Journal of Molecular Sciences*. 19,1346.
- Matos, E. C. O., Matos, H. J., Conceicao, M. L., Rodrigues, Y. C., Carneiro, I. C. R. S., dan Lima, K. V. B., (2016) Clinical and microbiological features of infections caused by *Pseudomonas aeruginosa* in patients hospitalized in intensive care units. *Revista da Sociedade Brasileira de Medicina Tropical*. 49(3):305-311.
- Morita, Y., Tomida, J., dan Kawamura, Y., (2014) Responses of *Pseudomonas aeruginosa* to antimicrobials. *Frontiers in Microbiology*, 4(22): 1-8.
- Mubarak, Z., Chismirina, S., dan Qamari, C. A., (2016) Aktivitas antibakteri ekstrak kayu manis (*Cinnamomum burmannii*) terhadap pertumbuhan *Enterococcus faecalis*. *Cakradonya Dental Journal*. 8(1):1-76.
- Murray, P. R. (2018) *Basic medical microbiology*. Philadelphia: Elsevier. pp. 64-65.
- O'Donnell, M. J., Tuttlebee, C. M., Falkiner, F. R., dan Coleman, D. C., (2005) Bacterial contamination of dental chair units in a modern dental hospital caused by leakage from suction system hoses containing extensive biofilm. *Journal of Hospital Infection*. 59(4): 348-360.
- Oliveira, A. C., Maluta, R. P., Stella, A. E., Rigobelo, E. C., Marin, J. M., dan Avila, F. A., (2008) Isolation of *Pseudomonas aeruginosa* strains from dental office environments and units in Barretos, state of Sao Paulo, Brazil, and analysis of their susceptibility to antimicrobial drugs. *Brazilian Journal of Microbiology*. 39(3): 579-584.
- O'May, C. dan Tufenkji, N., (2011) The swarming motility of *Pseudomonas aeruginosa* is blocked by cranberry proanthocyanidins and other tannin-containing materials. *Applied and Environmental Microbiology*. 77(9): 3061-3067.
- Pareira, L. A. S., Oliveira, M. M. M., Martins, H. H. A., Vale, L. A., Isidoro, S. R., Botrel, D. A., dan Picolli, R. H., (2019) Sanitizing cinnamaldehyde solutions against *Pseudomonas aeruginosa* biofilms formed on stainless steel surfaces. *Brazilian Journal of Food Technology*. 22, e2018144.

- Pignatello, R., Leonardi, A., Fuouchi, V., Petronio, G. P., Greco, A. S., dan Furneri, P. M. (2018) A method for effeicient loading of ciprofloxacin hydrochloride in cationic solid lipid nanoparticles formulation and microbiological evaluation. *Nanomaterials*. 8 (304): 1-11.
- Ranasinghe, P., Pigera, S., Premakumara, G. A. S., Galappaththy, P., Constantine, G. R., dan Katulanda, P., (2013) Medicinal properties of ‘true’ cinnamon (*Cinnamomum zeylanicum*): a systematic review. *BMC Complementary and Alternative Medicine*. 13(275): 1-10.
- Rasamiravaka, T., Labtani, Q., Duez, P., dan Jaziri, M. E., (2015) The formation of biofilms by *Pseudomonas aeruginosa*: a review of the natural and synthetic compounds interfering with control mechanisms. *Biomed Research International*. Vol. 2015.
- Rehman, A., Patrick, W. M., dan Lamont, L. (2019) Mechanisms of ciprofloxacin resistance in *Pseudomonas aeruginosa*: new approaches to an old problem. *Journal of Medical Microbiology*. 68:1-10.
- Sarabhai, S., Kaur, A., Capalash, N., dan Sharma, P., (2016) Quorum sensing in *Pseudomonas aeruginosa*: mechanism and regulation of virulence. Dalam: Kahlon, R. S. *Pseudomonas: molecular and applied biology*. India: Springer International Publishing Switzerland. pp. 247-249.
- Saridewi, N. M., Bahar, M., dan Anisah., (2017) Uji efektivitas antibakteri perasan jus buah nanas (*Ananas comosus*) terhadap pertumbuhan isolat bakteri plak gigi di Puskesmas Kecamatan Tanah Abang periode April 2017. *Biogenesis*. 5(2):104-110.
- Shi, N., Gao, Y., Yin, D., Song, Y., Kang, J., Li, X., Zhang, Z., Feng, X., dan Duan, J. (2019) The effect of the sub-minimal inhibitory concentration and the concentrations within resistant mutation window of ciprofloxacin on MIC, swimming motility and biofilm formation of *Pseudomonas aeruginosa*. *Microbial Pahtogenesis*. 137 (103765).
- Souto, R., Boghossian, C. M. S., dan Colombo, A. P. V., (2014) Prevalence of *Pseudomonas aeruginosa* and *Acinobacter* spp. in subgingival biofilm and saliva of subjects with chronic periodontal infection. *Brazilian Journal of Microbiology*. 45(2): 495-501.
- Souza, L. C., Lopes, F. F., Bastos, E. G., dan Alves, C. M., (2017) Oral infection by *pseudomonas aeruginosa* in patient with chronic kidney disease-a case report. *Brazilian Journal of Nephrology*. 40(1):82-85.
- Suwarto, Octavianty, Y., dan Hermawati, S., (2014) *Top 15 tanaman perkebunan*. Jakarta: Penebar Swadaya. pp. 89-94.
- Tajkarimi, M. M., Ibrahim, S.A., dan Cliver, D. O., (2010) Antimicrobial herb and spice compounds in food. *Elsevier*. 21(2010): 1199-1218.
- Talaro, K. P. (2008) *Foundations in microbiology: basic principles*. 7th ed. New York: McGraw-Hill. pp. 205

- Topa, S. H., Subramoni, S., Palombo, E. A., Kingshott, P., Rice, S. A., dan Blackall, L. L., (2018) Cinnamaldehyde disrupts biofilm formation and swarming motility of *Pseudomonas aeruginosa*. *Microbiology*. 164:1087-1097.
- Tortora, G. J., Funke, B. R., dan Case, C. L., (2010) *Microbiology an introduction*. 10th ed. San Francisco: Pearson Education.
- Trajano, V. N., Lima, E. O., Travassos, A. E., dan Souza, E. L., (2010) Inhibitory effect of the essential oil from *Cinnamomum zeylanicum* blume leaves on some food-related bacteria. *Ciencia e Tecnologia de Alimentos*. 30(3):771-775.
- Valdes, E. G. dan Lalucat, J., (2016) *Pseudomonas*: molecular phylogeny and current taxonomy. Dalam: Kahlon, R. S. *Pseudomonas*: molecular and applied biology. India: Springer International Publishing Switzerland. pp. 2-11.
- Vater, S. M., Weibe, S., Maleschlijski, S., Lotz, C., Koschitzki, F., Schwartz, T., Obst, U., dan Rosenhahn, A., (2014) Swimming behavior of *Pseudomonas aeruginosa* studied by holographic 3D tracking. *PLoS ONE*. 9(1): e87765.
- Wiley, J. M., Sherwood, L. M., dan Woolverton, C. J., (2014) *Prescott's microbiology*. 9th ed. New York: McGraw-Hill.
- Wisplinghoff, H. Clinical microbiology: bacteria. Dalam Cohen, J, dkk. (eds.): infectious disease. 4th ed. Elsevier: 2017.
- World Health Organization, (2002) *Prevention of hospital-acquired infections a practical guide*. 2nd ed. Malta. 1-2.
- Wu, H., Lee, B., Yang, L., Wang, H., Givskov, M., Molin, S., Hoiby, N., dan Song, Z., (2011) Effects of ginseng on *Pseudomonas aeruginosa* motility and biofilm formation. *FEMS Immunol Med Microbiol*. 62(2011): 49-56.
- Wu, W., Jin, Y., Bai, F., dan Jin, S., (2015) *Pseudomonas aeruginosa*. Dalam: Tang, Y. W., Liu, D., Schwartzman, J., Sussman, M., Poxton, I. *Molecular medical microbiology*. 2nd ed. Academic Press. pp. 753-758.