

DAFTAR PUSTAKA

- Balazs, R., Thomas, L., 2012, Pyocyanin effects on respiratory epithelium: relevance in *Pseudomonas aeruginosa* airway infections, *Trends Microbiol.*
- Campbell, N.A., Reece, J.B., Mitchell, L.G., 2008, Biologi: Edisi Kedelapan (Terj.), Penerbit Erlangga, Jakarta.
- Chaverri, J.P., Rodriguez, N.C., Ibarra, M.O., dan Rojas, J.M.P., 2008, Medicinal Properties of Mangosteen (*Garcinia mangostana*), *Food Chem. Toxicol.*, 46: 3227-3239.
- Cohen, J., Powderly, W.G., Opal, S.M., 2017, 4th Edition Infectious Disease Vol.1, Elsevier, China, 1585.
- Conrad, J.C., Gibiansky, M.L., Jin, F., Gordon, V.D., Motto, D., Mathewson, M.A., Stopka, W.G., Zelasko, D.C., Shrout, J.D., Wong, G.C., 2011, Flagella and Pili-Mediated Near-Surface Single-Cell Motility Mechanisms in *P. aeruginosa*, *J Biophys*, 100(7): 1608-1616.
- Cushnie, T., Lamb, A.J., 2005, Antimicrobial Activity of Flavonoids, *Int J Antimicrob Agents*, 26(2005): 343-356.
- Darmadi., 2008, Infeksi Nosokomial: Problematika dan Pengendaliannya, Salemba Medika, Jakarta.
- Daslina, Darwin, E., Djamal, A.A., 2015, Pengaruh Pemberian Glutamin pada Kemampuan Fagositosis Makrofag terhadap *Pseudomonas aeruginosa*, *Jurnal Kesehatan Andalas*, 4(3): 689-695
- Deaziel, E., Comeau, Y., Villemur, R., 2001, Initiation of Biofilm Formation by *Pseudomonas aeruginosa* 57RP Correlates with Emergence of Hyperpiliated and Highly Adherent Phenotypic Variants Deficient in Swimming, Swarming, and Twitching Motilities, *J Bacteriol*, 183(4): 1195-1204.
- Donlan, R.M., Costerton, J.W., 2002, Biofilm: Survival Mechanisms of Clinically Relevant Microorganisms. *Clin Microbial Rev*, 15: 167-193.
- Duong, M., Wilson, A.M., Jayaram, L., Dlovich, M., Hargreave, F., 2008, Dental Unit as Infection Sources of *Pseudomonas aeruginosa*, *Euro. J Respir*, 2(4): 1122-1123.
- Frank, D.W., 2012, frontiers Research Topics: *Pseudomonas aeruginosa*, Biology,

Genetics, and Host-pathogen Interactions, Frontiers Media SA.

- Fick, R. B., 2000, *Pseudomonas aeruginosa* The Opportunist: Pathogenesis and Disease, Florida, CRC Press, Inc.
- Geetha, R.V., Roy, A., dan Lakshmi, T., 2011, Evaluation of Antibacterial Activity of Friut Rind Extract of *Garcinia mangostana* Linn on Enteric Pathogens- In Vitro Study, *Asian J Pharm Clin Res*,4(2): 115-118.
- Hancock, R.E.W., Davit, P.S., 2000, Antibiotic resistance in *Pseudomonas aeruginosa*: mechanisms and impact on treatment. *Drug Resistance Updates*, 247-255.
- Henrichsen, J., 1972, Bacterial surface translocation: a survey and a classification, *Bacteriological reviews*, 36 (4): 478-503.
- Harmita dan Radji, M., 2008. Kepekaan Terhadap Antibiotik. Dalam: Buku Ajar Analisis Hayati, Eds.3.EGC. Jakarta
- James, A., Aditya, S., Mithra, N.H., Shruti, B., 2015, Detection and Quantification of Microorganisms in Dental Unit Waterlines, *IOSR-JDMS*, 14: 88- 91.
- Jawetz, M., Adelberg's., 2008, Mikrobiologi Kedokteran edisi 23 (Terj.), Salemba Medika, Jakarta.
- Kearns, D.B., 2010, A Field Guide to Bacterial Swarming motility, Macmillan Publishers Limited, 8: 634-644.
- Kohler, T., Curty, L.K., Barja, F., Delden, C.V., Pechere, J.C., 2000, Swarming of *Pseudomonas aeruginosa* is Dependent on Cell-to-Cell Signaling and Requires Flagella and Pili, *J Bacteriol*,182(21): 5990-5996.
- Maier, R.M., Chavez, G.S., 2000, *Pseudomonas aeruginosa* Rhamnolipids: Biosynthesis and Potensial Applications, *Appl Microbiol Biotechnol*, 54: 625- 633.
- Makiyah, A., Husin, U.H., Sadeli, R., 2016, Efek Imunostimulasi Ekstrak Etanol Umni Iles-Iles terhadap Aktivitas Fagositosis Sel Makrofag pada Tikus Putih *Strain* Wistar yang Diinokulasi *Staphylococcus aureus*, *MKB*,48(2):68-77.
- Mirzoeva, O.K., Grishanin, R.N., Calder, P.C., 1997, Antimicrobial Action of Propolis and Some of its Components : The Effects on Growth, Membrane

Potential and Motility of Bacteria, *Microbial. Res*, 152: 239-246.

- Narasimhan, S., Shanmugan, M., Imad, A.A., Amin, F.M., Janarthanam, R., 2017, Anti-bacterial and Anti-fungal Activity of Xanthones Obtained via Semi-Synthetic Modification of α -Mangostin from *Garcinia mangostana*, *Molecules*, 22: 1-13.
- Nismal, H., Nur, I.L., Siti, R., 2017, Identifikasi Bakteri Pada Air di Waterline Dental Unit Rumah Sakit Gigi dan Mulut Fakultas Kedokteran Gigi Universitas Andalas, *Cakradonya Dent*, 9:34-39.
- Olivier, M., Vandeputte., Martin, K., Sanda, R., Billo, D., Adeline, M., Mondher, E.J., Marie, B., 2010, Identification of Catechins as One of the Flavonoids from *Combretum albiflorum* Bark Extract That Reduces the Production of Quorum Sensing Controlled Virulence Factors in *Pseudomonas aeruginosa* PAO1, *Appl Environ Microbiol*, 76(1): 243-253.
- O'may, C., Turkenji, N., 2011, The Swarming Motility of *Pseudomonas aeruginosa* Is Blocked by Cranberry Proanthocyanidins and Other Tanin-Containing Materials, *Appl Environ Microbiol*, 77(9): 3061-3067.
- O'Toole, G. A., dan R. Kolter., 1998. Initiation of biofilm formation in *Pseudomonas fluorescens* WCS365 proceeds via multiple, convergent signaling pathways: a genetic analysis, *Mol Microbiol*, 28:449-461.
- Overhage, J., Lewenza, S., Marr, A.K., Hancock, R.E.W 2007, Identification of Genes Involved in Swarming Motility Using a *Pseudomonas aeruginosa* PAO1 Mini-Tn5-*lux* Mutant Library, *J Bacteriol.*, 189(5): 2164-2169.
- Pasaribu, F., Panal, S., Saiful, B., 2012, Uji Ekstrak Etanol Kulit Buah Manggis Terhadap Penurunan Kadar Glukosa Darah, *J Pharm Pharm*, 1(1): 1-8.
- Pattuju, S.M., Fatimawali., Manampiring, A., 2014, Identifikasi Bakteri Resisten Merkuri pada Urine, Feses, dan Kalkulus Gigi pada Individu di Kecamatan Malalayang, Manado, Sulawesi Utara, *eBM*, 2(2): 532-540.
- Poeloengan, M., dan Praptiwi., 2010, Uji Antibakteri Ekstrak Kulit Buah Manggis (*Garcinia mangostana* Linn), *Media Litbang Kesehatan*, 20(2): 65-69.
- Porteous, N.B., Redding, S.W., Jorgensen, J.H., 2004, Isolation of Non-Tuberculosis Mycobacteria in Treated Dental Unit Waterlines. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*, 98(1): 40-44.

- Radha, T., dan Mathew, L., 2007, *Fruit Crops*, New India Publishing Agency, New Delhi, hal 73.
- Rasamiravaka, T., Quentin, L., Pierre, D., Mondher, E. J., 2015. The formation of biofilms by *Pseudomonas aeruginosa*: a review of the natural and synthetic compounds interfering with control mechanisms. *BioMed Res.Int.*2015:759348.
- Rashid, M.H., Kornberg, A., 2000, Inorganic phosphate is needed for swimming, swarming, and twitching motilities of *Pseudomona aeruginosa*, *Proc Natl Acad Sci*, 4885–4890.
- Rukmana, R., 2003, Seri Penangkaran: Bibit Manggis, Kanisius, Yogyakarta, hal.32-33.
- Sabir, A., 2005, Aktivitas Antibakteri Flavonoid Propolis *Trigona sp* terhadap Bakteri *Streptococcus mutans* (in vitro), *J Dent*, 38(3): 135-141.
- Shi, W., Sun, H., 2002, Type IV Pilus-Dependent Motility and Its Possible Role in Bacterial Pathogenesis, American Society for Microbiology, *J Infect Immun ASM*, 70:1-4.
- Shrout, J.D., David, L.C., Collin, L.J., Morten, H., Michael, G., Matthew, R. P., 2006, The Impact of Quorum Sensing and swarming motility *Pseudomonas aeruginosa* biofilm formation is nutritionally conditional, *Mol Microbiol*, 62(5): 1264-1277
- Singh, D., 2014, The Magic of the *Mangosteen garcinia cambogia* for Good Health, *JD Biz Publishing*.
- Souto, R., Silva-Boghossian, C.M., Colombo, A.P.V., 2014, Prevalence of *Pseudomonas aeruginosa* and *Acinetobacter spp.* On Subgingival Biofilm and Saliva of Subject with Chronic Periodontal Infection, *Brazilian J Microbial.*, 45(2): 495-501.
- Strateva, K. dan Yordanov, D., 2009, *Pseudomonas aeruginosa*-a phenomenon of bacterial resistance, *J Med Microbio*, 58, 1133-1148.
- Sutasmi, Y., Natsir, N., 2014, Identifikasi Bakteri Pada Saluran Akar Gigi Dengan Diagnosis Periodontitis Apikalis Kronis, *Dentofasial*, 13(3): 182-185.
- Szymanska, J., Sitkowska, J., 2013, Bacterial Contamination of Dental Units Waterlines. *Enviro Monit Assess*, 185: 3603- 3611.

- Tandelilin, R., dan Saini, R., 2018, Dental Plaque: A Biofilm, *Yogyakarta: Kaninus*.
- Todar, K., 2012, Online Text Book Of Bacteriology, diakses pada tanggal 4 September 2018.
- Tortora, G.J., Funke, B.R., Case, C.L., 2010, Microbiology: An Introduction, Ed. 10, Pearson Education, San Francisco.
- Waggie, K., Kagiya, N., Allen, A.M., Nomura, T., 1994, Manual of Microbiologic Monitoring of Laboratory Animals, U.S Department of Health and Human Services, USA.
- Widayat, M.M., Purwanto., Amandia, S, P, D., 2016, Daya Antibakteri Infusa Kulit Manggis terhadap *Streptococcus mutans*, *e-Jurnal Pustaka Kesehatan*, 4(3): 514-518.
- Wolska, K., Zabielska, K., Jakubczak, A., 2006, Effect of Neuraminidase on Adherence of *Pseudomonas aeruginosa* to Human Buccal Epithelial Cells. Inhibition of Adhesion by Monosaccharides. *Polish J Microbiol*, 55(1):43-48.
- Wu, H., Lee, B., Yang, L., Wang, H., Givskov, M., Molin, S., Hoiby, N., Song, Z., 2011, Effects of Ginseng on *Pseudomonas aeruginosa* Motility and Biofilm Formation, *Immunol Med Microbial*, 62: 49-5.
- Yang, A., Tang, W.S., Si, T., dan Tang, J.X., 2017, Influence of Physical Effects on the Swarming Motility of *Pseudomonas aeruginosa*, *J Biophys*, 112: 1462-1471.