DAFTAR PUSTAKA

Abrahamse, H., & Hamblin, M. R. (2016). New photosensitizers for photodynamic therapy. *Biochemical Journal*, *473*(4), 347- 364. https://doi.org/10.1042/BJ20150942

Abrianto A. O. Rompis, Fitje Losung, Deiske A. Sumilat, Agung B. Windarto, Stenly Wullur, Laurentius T. X. Lalamentik. (2019). Aktivitas Antibakteri Beberapa Spons dari Perairan Tasik Ria Terhadap Bakteri *Escherichia coli* dan *Staphylcoccus aureus*. *Jurnal Ilmiah Platax* Vol.7 (1).

Aisyah, S., Gumelar, A. S., & Maulana, M. S. (2023). *Identifikasi Karakteristik Hewan Vertebrata Mamalia Tikus Putih (Rattus norvegicus) Berdasarkan Morfologi dan Anatominya*.

Alves, E., Faustino, M. A. F., Neves, M. G. P. M. S., Cunha, Â., Nadais, H., & Almeida, A. (2015). Potential applications of porphyrins in photodynamic inactivation beyond the medical scope. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, *22*, 34–57. https://doi.org/10.1016/j.jphotochemrev.2014.09.003

Anggriawin, M., & Pakpahan, N. (2022). Uji Cemaran Mikroba pada Produk Makanan Ikan. *Jurnal Teknologi Pengolahan Pertanian*, *4*(1), 29. https://doi.org/10.35308/jtpp.v4i1.5782

Bauer, M. E., & Teixeira, A. L. (2019). Inflammation and depression: why are some individuals more vulnerable than others. *Brazilian Journal of Psychiatry*, 41(5), 412-421.

Cho GL, Ha JW. 2020. Erythrosine B (red dye no. 3): A potential photosensitizer for the photodynamic inactivation of foodborne pathogens in tomato juice, Journal of Food Safety, 40(4).

Dewi, A. K. (2013). *Isolasi, Identifikasi dan Uji Sensitivitas Staphylococcus aureus terhadap Amoxicillin dari Sampel Susu Kambing Peranakan Ettawa (PE) Penderita Mastitis Di Wilayah Girimulyo, Kulonprogo, Yogyakarta*.

Goncalves MLL, Santos EM, Renno ACM, Horliana ACRT, Cruz Mde A, Parisi JR, Prates RA, Leal-Rossi A, Fernandes KPS, Mesquita-Ferrari RA, Bussadori SK. 2021. Erythrosine as a photosensitizer for antimicrobial

photodynamic therapy with blue light-emitting diodes – An in vitro study, Photodiagnosis and Photodynamic Therapy, 35.

Guo, S., & Dipietro, L. A. (2010). Factors Affecting Wound Healing. *Journal of Dental Research*, 89(3), 219-229.

Hastuti, U. S. (2018). *Petunjuk Praktikum Mikrobiologi* (ed. 2). UMM Press: Malang.

Holzman, G danTeri R., 2015, Surgical Patient Care For Veterinary Technicians And Nurses, Wiley-Blackwell,USA.

Indrawati, R., Lolita, A. M., & Limantara, L. (2021). Terapi Fotodinamik Antimikroba: Prospek Baru dalam Penanganan Pangan? *Jurnal Sains dan Terapan Kimia*, *15*(1), 74. https://doi.org/10.20527/jstk.v15i1.8771

Ismail, A., et al. (2021). "Effectiveness of antibacterial agent on wound healing: Colony count and histopathological evaluation". *International Journal of Health Sciences*, 15(3), 11-18.

Kanpittaya, K., Teerakapong, A., Morales, N. P., Hormdee, D., Priprem, A., Weera-archakul, W., & Damrongrungruang, T. (2021). Inhibitory Effects of Erythrosine/Curcumin Derivatives/Nano-Titanium Dioxide-Mediated Photodynamic Therapy on Candida albicans. *Molecules*, *26*(9), 2405. https://doi.org/10.3390/molecules26092405

Khotimah H, Anggraeni. E.W, dan Setianingsih A. 2017. Karakterisasi Hasil Pengolahan Air Menggunakan Alat Destilasi. *Jurnal Chemurgy* Volume 1 Nomor 2 Desember 2017 : 34 – 39.

Kim, D. R., (2015). Topical Mupirocin for Treating MRSA Infections in Wounds. *Journal of Dermatological Treatment,* 26(3), 235-240.

Kim, M. M., & Darafsheh, A. (2020). Light Sources and Dosimetry Techniques for Photodynamic Therapy. *Photochemistry and Photobiology*, *96*(2), 280–294. https://doi.org/10.1111/php.13219

Kurniawan, S. E., Mahyarudin, M., & Rialita, A. (2021). Aktivitas antibakteri isolat bakteri endofit daun pegagan (Centella asiatica) terhadap Staphylococcus aureus. *Bioma : Jurnal Ilmiah Biologi*, *10*(1), 14- 29. https://doi.org/10.26877/bioma.v10i1.7140

Kwiatkowski, S., Knap, B., Przystupski, D., Saczko, J., Kędzierska, E., Knap-Czop, K., Kotlińska, J., Michel, O., Kotowski, K., & Kulbacka, J. (2018). Photodynamic therapy – mechanisms, photosensitizers and combinations. *Biomedicine & Pharmacotherapy*, *106*, 1098–1107. https://doi.org/10.1016/j.biopha.2018.07.049

Liang, Y., Lu, L.-M., Chen, Y., & Lin, Y.-K. (2016). Photodynamic therapy as an antifungal treatment. *Experimental and Therapeutic Medicine*, *12*(1), 23–27. https://doi.org/10.3892/etm.2016.3336

Madigan, M.T., Bender, K.S., Buckley, D.H., Sattley, W.M., & Stahl, D.A. (2021). *Brock Biology of Microorganisms* (16th ed.). Pearson.

Magani, A. K.; Tallei, T. E.; Kolondam, B. J. *Uji Antibakteri Nanopartikel Kitosan terhadap Pertumbuhan Bakteri Staphylococcus aureus dan Escherichia coli.* J Bios Logos. 2020, 10(1), 7.

Maheswary, T., Nurul, A. A., & Fauzi, M. B. (2021). The Insights of Microbes' Roles in Wound Healing: A Comprehensive Review. *Pharmaceutics*, *13*(7), 981. https://doi.org/10.3390/pharmaceutics13070981

Mairi, A., Touati, A., Pantel, A., Zenati, K., Martinez, A. Y., Dunyach-Remy, C., Sotto, A., & Lavigne, J.-P. (2019). Distribution of Toxinogenic Methicillin-Resistant and Methicillin-Susceptible Staphylococcus aureus from Different Ecological Niches in Algeria. *Toxins*, *11*(9), 500. https://doi.org/10.3390/toxins11090500

Mangiri, B. S., Yani, S., & Anitasari, S. (2018). Sari Buah Naga Super merah (Hylocereus costaricensis) Sebagai Pewarna Alami Plak Gigi. *Jurnal Material Kedokteran Gigi*, *7*(1), 28. https://doi.org/10.32793/jmkg.v7i1.278

Milasari, M., Jamaluddin, A. W., Program Studi Kedokteran Hewan, Fakultas Kedokteran, Universitas Hasanuddin, Adikurniawan, Y. M., & Program Studi Kedokteran Hewan, Fakultas Kedokteran, Universitas Hasanuddin. (2019). Pengaruh Pemberan Salep Ekstrak Kunyit Kuning (Curcuma longa Linn) Terhadap Penyembuhan Luka Sayat Pada Tikus Putih (Rattus

norvegicus). *Jurnal Ilmiah Ibnu Sina (JIIS): Ilmu Farmasi dan Kesehatan*, *4*(1), 186- 202. https://doi.org/10.36387/jiis.v4i1.268

Ning X, He G, Zeng W, Xia Y. 2022. The photosensitizer-based therapies enhance the repairing of skin wounds, Frontiers in Medicine, 9

Parampasi, N., & Soemarno, T. (2013). *Pengaruh Pemberian Ekstrak Daun Pepaya dalam Etanol 70% pada Proses Penyembuhan Luka Insisi*. *Wound Journal*, *17*(2), 285–299. https://doi.org/10.1111/iwj.13269

Pucelik, B., & Dąbrowski, J. M. (2022a). Photodynamic inactivation (PDI) as a promising alternative to current pharmaceuticals for the treatment of resistant microorganisms. In *Advances in Inorganic Chemistry* (Vol. 79, pp. 65–108). Elsevier. https://doi.org/10.1016/bs.adioch.2021.12.003

Pucelik, B., & Dąbrowski, J. M. (2022b). Photodynamic inactivation (PDI) as a promising alternative to current pharmaceuticals for the treatment of resistant microorganisms. In *Advances in Inorganic Chemistry* (Vol. 79, pp. 65–108). Elsevier. https://doi.org/10.1016/bs.adioch.2021.12.003

Rafika, R., Pratama, R., Djasang, S., Mursalim, M., & Salsabila Andini, Z. (2024). Pemanfaatan Ikan Penja (Awaous melanocephalus) Sebagai Media Alternatif Terhadap Pertumbuhan Bakteri Staphylococcus aureus. *Jurnal Media Analis Kesehatan*, *15*(2), 179 - 190. https://doi.org/10.32382/jmak.v15i2.1191

Rochmawati, M., Kusuma, M. R., Maziyyah, F., Naim, C. N., Prihastuti, C. C., Satrio, R., Laksitasari, A., Sari, D. N. I., & Ichsyani, M. (2023). Antimicrobial photodynamic therapy with erythrosine photosensitizer against immune response in chronic periodontitis model. *Majalah Kedokteran Gigi Indonesia*, *9*(2), 171. https://doi.org/10.22146/majkedgiind.77084

Sari, M. H. M., Cobre, A. D. F., Pontarolo, R., & Ferreira, L. M. (2023). Status and Future Scope of Soft Nanoparticles-Based Hydrogel in Wound Healing. *Pharmaceutics*, *15*(3), 874. https://doi.org/10.3390/pharmaceutics15030874

Seko, M., Sabuna, A. C., & Ngginak, J. (2021). Ajeran Leaves Ethanol Extract (Bidens pilosa L) As An Antibacterial Staphylococcus aureus. *Jurnal Biosains*, *7*(1), 1. https://doi.org/10.24114/jbio.v7i1.22671

Sengupta P. (2013). The Laboratory Rat: Relating Its Age With Human's. *International Journal of Preventive Medicine*, 4(6), 624-630.

Silva, A. F., Borges, A., Freitas, C. F., Hioka, N., Mikcha, J. M. G., & Simões, M. (2018). Antimicrobial Photodynamic Inactivation Mediated by Rose Bengal and Erythrosine Is Effective in the Control of Food-Related Bacteria in Planktonic and Biofilm States. *Molecules*, *23*(9), 2288. https://doi.org/10.3390/molecules23092288

Sun, Y., Ogawa, R., Xiao, B., Feng, Y., Wu, Y., Chen, L., Gao, X., & Chen, H. (2020). Antimicrobial photodynamic therapy in skin wound healing: A systematic review of animal studies. *International Wound Journal*, *17*(2), 285–299. https://doi.org/10.1111/iwj.13269

Sun Y, Tosa M, Takada H, Ogawa R. 2020. Photodynamic therapy delays cutaneous wound healing in mice, Journal of Nippon Medical School, 87(3), 110–117.

Syah, A., Dianita, P. S., & Agusta, H. F. (2022). Efektivitas Tanaman Pepaya (Carica papaya L.) Terhadap Penyembuhan Luka: A Narrative Review. *Jurnal Farmagazine*, *9*(1), 1. https://doi.org/10.47653/farm.v9i1.540

Tilarso, D. P., Muadifah, A., Handaru, W., Pratiwi, P. I., & Khusna, M. L. (2021). Aktivitas Antibakteri Kombinasi Ekstrak Daun Sirih Dan Belimbing Wuluh Dengan Metode Hidroekstraksi. *Chempublish Journal*, 6(2), pp. 63-74.

Tokubo, L. M., Rosalen, P. L., De Cássia Orlandi Sardi, J., Freires, I. A., Fujimaki, M., Umeda, J. E., Barbosa, P. M., Tecchio, G. O., Hioka, N., De Freitas, C. F., & Suga Terada, R. S. (2018). Antimicrobial effect of photodynamic therapy using erythrosine/methylene blue combination on Streptococcus mutans biofilm. *Photodiagnosis and Photodynamic Therapy*, *23*, 94–98. https://doi.org/10.1016/j.pdpdt.2018.05.004

Tusi, J. S. (2015). Curcumin Sebagai Photosensitizers Terapi Cahaya LED Biru untuk Penyembuhan Luka Infeksi Secara In Vivo. *Jurnal Biosains*

Pascasarjana, *17*(3), 115. https://doi.org/10.20473/jbp.v17i3.2015.115-123.

Wainwright, M., Maisch, T., Nonell, S., Plaetzer, K., Almeida, A., Tegos, G. P., & Hamblin, M. R. (2017). Photodynamic therapy: the development of new photosensitizers and their potential applications in microbial infections. *Journal of Photochemistry and Photobiology B,* 17(2), 49-55.

Wigunarti, S. Pujiyanto, and A. Suprihadi, "Uji Aktivitas Antibakteri Ekstrak Biji Kelor (Moringa oleifera L.) Terhadap Pertumbuhan Bakteri *Staphylococcus aureus* dan Bakteri *Escherichia coli*," *Berkala Bioteknologi*, vol. 2, no. 2.

Yassunaka, N. N.; de Freitas, C. F.; Rabello, B. R.; Santos, P. R.; Caetano, W.; Hioka, N.; Nakamura, T. U.; de Abreu Filho, B. A.; Mikcha, J. M. G. (2015). *Photodynamic inactivation mediated by erythrosine and its derivatives on foodborne pathogens and spoilage bacteria.* Current Microbiology, 71(2), 243–251. https://doi.org/10.1007/s00284-015-0827-5.

Yuwono. 2012. *Staphylococcus aureus dan Methicilin-Resistant Staphylococcus aureus (MRSA)*. Palembang: Departemen Mikrobiologi FK Unsri.