

DAFTAR PUSTAKA

- Abd El-Hamid, M. I., Y El-Naenaeey, E. S., M Kandeel, T., Hegazy, W. A. H., Mosbah, R. A., Nassar, M. S., Bakhrebah, M. A., Abdulaal, W. H., Alhakamy, N. A., & Bendary, M. M. (2020). Promising Antibiofilm Agents: Recent Breakthrough against Biofilm Producing Methicillin-Resistant *Staphylococcus aureus*. *Antibiotics (Basel, Switzerland)*, 9(10), 667. <https://doi.org/10.3390/antibiotics9100667>
- Achek, R., Hotzel, H., Nabi, I., Kechida, S., Mami, D., Didouh, N., Tomaso, H., Neubauer, H., Ehricht, R., Monecke, S., & El-Adawy, H. (2020). Phenotypic and Molecular Detection of Biofilm Formation in *Staphylococcus aureus* Isolated from Different Sources in Algeria. *Pathogens (Basel, Switzerland)*, 9(2), 153. <https://doi.org/10.3390/pathogens9020153>
- Adeyemo O, Okunye O, Nwaokorie F, Kamet O. (2023). Isolation and Characterization of Coagulase Positive, Methicillin and Multi-Drug Resistant *Staphylococcus* and *Mammaliicoccus* species Isolated from Wound of Patients Attending Federal Medical Centre, Yola, Adamawa State, Nigeria. *Iran J Med Microbiol*, 17(4):414-22.
- Aminudin, Aditya Kresnawan. (2013). Gambaran Pengetahuan Remaja Tentang Pornografi Pada Siswa Kelas VIII di SMPN 5 Lembang. Universitas Pendidikan Indonesia.
- Askhan, S., Tahaei, S., Stájer, A., Barrak, I., Szabó, D., & Gajdács, M. (2022). Correlation Between Biofilm-Formation and the Antibiotic Resistant Phenotype in *Staphylococcus aureus* Isolates : A Laboratory-Based Study in Hungary and a Review of the Literature. *Infection and Drug Resistance* (14): 1155-1168 <https://doi.org/10.2147/IDR.S303992>
- Boschetti, G., Sgarabotto, D., Meloni, M., Bruseghin, M., Whisstock, C., Marin, M., Ninkovic, S., Pinfi, M., & Brocco, E. (2021). *Antimicrobial Resistance Patterns in Diabetic Foot Infections, an Epidemiological Study in Northeastern Italy*. *Antibiotics (Basel)*.10(10):1241. doi: 10.3390/antibiotics10101241.
- Bu, F., Liu, M., Xie, Z., Chen, X., Li, G., & Wang, X. (2022). Targeted Anti-Biofilm Therapy: Dissecting Targets in the Biofilm Life Cycle. *Pharmaceuticals*, 15, 1253. <https://doi.org/10.3390/ph15101253>
- Campoccia, D., & Montanaro, L. (2021). *Extracellular DNA (eDNA). A Major Ubiquitous Element of the Bacterial Biofilm Architecture*. *Int J Mol Sci.* 2021 Aug 23;22(16):9100. doi: 10.3390/ijms22169100.
- Carroll, K. C., Morse, S. A., Mietzner, T. & Miler, S. (2016). *Jawetz, Melnick & Adelberg's Medical Microbiology (27th ed)*. McGraw-Hill Education.
- CLSI. (2020). Performance Standards for Antimicrobial Susceptibility Testing 30th ed. CLSI Supplement M100. Wayne, PA: Clinical and Laboratory Standards Institute.

- Green L. H. & Goldman, Emanuel. (2021). *Practical Handbook of Microbiology* 4th ed. CRC Press Taylor & Francis Group
- Hamad, P. A. (2023). Phenotypic and Molecular Detection of Biofilm Formation in Methicillin-Resistant *Staphylococcus Aureus* Isolated from Different Clinical Sources in Erbil City. *Mediterr J Hematol Infect Dis* 15(1): e2023016, DOI: <http://dx.doi.org/10.4084/MJHID.2023.016>
- Hayati, L. N., Tyasningsih, W., Praja, R. N., Chusniati, S., Yunita, M. N., & Wibawati, P. A. (2019). Isolasi dan Identifikasi *Staphylococcus aureus* pada Susu Kambing Peranakan Etawah Penderita Mastitis Subklinis di Kelurahan Kalipuro, Banyuwangi. *Jurnal Medik Veteriner*, 2(2), 76. <https://doi.org/10.20473/jmv.vol2.iss2.2019.76-82>
- Hernández-Cuellar, E.; Tsuchiya, K.; Valle-Ríos, R.; Medina-Contreras, O. (2023). Differences in Biofilm Formation by Methicillin-Resistant and Methicillin-Susceptible *Staphylococcus aureus* Strains. *Diseases*, 11, 160. <https://doi.org/10.3390/diseases11040160>
- Idrees, M., Sawant, S., Karodia, N., & Rahman, A. (2021). *Staphylococcus aureus* Biofilm : Morphology , Genetics , Pathogenesis and Treatment Strategies. *Int. Journal of Environmental Research and Public Health*, 18, 7602. <https://doi.org/10.3390/ijerph18147602>
- Keim, K. C., & Horswill, A. R. (2023). *Staphylococcus aureus* Trends in Microbiology | Microbe of the Month. *Trends in Microbiology*, 31(12), 1300–1301. <https://doi.org/10.1016/j.tim.2023.07.001>
- Kementerian Kesehatan RI. (2020). *Infodatin: Tetap Produktif, Cegah, dan Atasi Diabetes Melitus*. Pusat Data dan Informasi Kementerian Kesehatan RI
- Khalili, H., Peerayeh, S. N., Mahrooghi, M., Mansouri, P., & Bakhshi, B. (2021). colonization of infectious and non-infectious skin and soft tissue lesions in patients in Tehran. *BMC Microbiology*, 1–8. <https://doi.org/10.1186/s12866-021-02340-w>
- Kirmusaolu, S. (2017). MRSA and MSSA: The Mechanism of Methicillin Resistance and the Influence of Methicillin Resistance on Biofilm Phenotype of *Staphylococcus aureus*. InTech. doi: 10.5772/65452
- Kusumo, I. D. (2022). Tinjauan Atas Pioderma. *CDK-303 vol 49(4)*, 207–211.
- Lade, H., Park, J. H., Chung, S. H., Kim, I. H., Kim, J. M., Joo, H. S., & Kim, J. S. (2019). Biofilm formation by *staphylococcus aureus* clinical isolates is differentially affected by glucose and sodium chloride supplemented culture media. *Journal of Clinical Medicine*, 8(11). <https://doi.org/10.3390/jcm8111853>
- Liu, Y., Zhang, J., & Ji, Y. (2020). Environmental factors modulate biofilm formation by *Staphylococcus aureus*. *Science progress*, 103(1), 36850419898659. <https://doi.org/10.1177/0036850419898659>
- Masrukhin, Setiawan, R., Kusmiati, M. I. A., & Saputra, S. (2021). *Optimasi*

- Pembentukan Biofilm Staphylococcus aureus dan Pseudomonas aeruginosa Melalui Penambahan Glukosa dan NaCl koleksi bakteri Indonesia Culture Collection (InaCC). Kedua isolat bakteri ditumbuhkan metode disk diffusion assay mengacu pada European Co. November, 342–347.*
- Navratna, V., Nadig, S., Sood, V., Prasad, K., Arakere, G., & Gopal, B. (2010). Molecular basis for the role of *Staphylococcus aureus* penicillin binding protein 4 in antimicrobial resistance. *Journal of Bacteriology*, 192(1), 134–144. <https://doi.org/10.1128/JB.00822-09>
- Olia, Ali Haggi Ghahremanlo, Maryam Ghahremani, Ali Ahmadi, Yaeghob Sharifi, (2020). Comparison of biofilm production and virulence gene distribution among community- and hospital-acquired *Staphylococcus aureus* isolates from northwestern Iran. *Infection, Genetics and Evolution*, Volume 81, 2020,104262, <https://doi.org/10.1016/j.meegid.2020.104262>.
- Oliver TI, Mutluoglu M. Diabetic Foot Ulcer. [Updated 2023 Aug 8]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2023 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK537328/>
- Omidi, M., Firoozeh, F., Saffari, M., Sedaghat, H., Zibaei, M., & Khaledi, A. (2020). Ability of biofilm production and molecular analysis of spa and ica genes among clinical isolates of methicillin-resistant *Staphylococcus aureus*. *BMC research notes*, 13(1), 19. <https://doi.org/10.1186/s13104-020-4885-9>
- Otto, M. 2018. Staphylococcal Biofilms, *Microbiol Spectrum* 6(4):GPP3-0023-2018. doi:10.1128/microbiolspec.GPP3-0023-2018.
- Peng, Q.; Tang, X.; Dong, W.; Sun, N.; Yuan,W. (2023). A Review of Biofilm Formation of *Staphylococcus aureus* and Its Regulation Mechanism. *Antibiotics*, 12, 12. <https://doi.org/10.3390/antibiotics12010012>
- Piechota, M. B., Kot, B., Frankowska-maciejewska, A., Gru, A., & Wo, A. (2018). *Biofilm Formation by Methicillin-Resistant and Methicillin-Sensitive Staphylococcus aureus Strains from Hospitalized Patients in Poland*. 2018.
- Pouget, C., Dunyach-Remy, C., Pantel, A., Schuldiner, S., Sotto, A., & Lavigne, J. P. (2020). Biofilms in Diabetic Foot Ulcers: Significance and Clinical Relevance. *Microorganisms*, 8(10),1580.<https://doi.org/10.3390/microorganisms8101580>
- Prinzi, Andrea & Rohde, Rodney. (2023). The Role of Bacterial Biofilms in Antimicrobial Resistance diakses pada 10 Desember 2023 di <https://asm.org/articles/2023/march/the-role-of-bacterial-biofilms-in-antimicrobial-re>
- Rizqiyah, H., Soleha T. U., Hanriko, R. & Apriliana, E. (2020). Pola Bakteri Ulkus Diabetikum Pada Penderita Diabetes Melitus. *Majority* 9, 128–135.
- Saber, T., Samir, M., El-Mekkawy, R. M., Ariny, E., El-Sayed, S. R., Enan, G., Abdelatif, S. H., Askora, A., Merwad, A. M. A., & Tartor, Y. H. (2022). Methicillin- and Vancomycin-Resistant *Staphylococcus aureus* From Humans

- and Ready-To-Eat Meat: Characterization of Antimicrobial Resistance and Biofilm Formation Ability. *Frontiers in microbiology*, 12, 735494. <https://doi.org/10.3389/fmicb.2021.735494>
- Saeedi, P., Petersohn, I., Salpea, P., Malanda, B., Karuranga, S., Unwin, N., Colagiuri, S., Guariguata, L., Motala, A. A., Ogurtsova, K., Shaw, J. E., Bright, D., & Williams, R. (2019). Global and regional diabetes prevalence estimates for 2019 and projections for 2030 and 2045: Results from the International Diabetes Federation Diabetes Atlas, 9th edition. *Diabetes Research and Clinical Practice*, 157, 107843. <https://doi.org/10.1016/j.diabres.2019.107843>
- Sahli, Indra Taufik. (2023). PROTEIN BIOFILM BAKTERI *Staphylococcus aureus* DAN PRODUKSI ANTIBODI POLIKLONAL diakses online di <https://books.google.co.id/>
- Selvarajan, S., Dhandapani, S., Anuradha, R., Lavanya, T., & Lakshmanan, A. (2021). *Bacteriological Profile of Diabetic Foot Ulcers and Detection of Methicillin-Resistant *Staphylococcus aureus* and Extended-Spectrum β-Lactamase Producers in a Tertiary Care Hospital*. 13(12), 1–7. <https://doi.org/10.7759/cureus.20596>
- Sharma, S., Mohler, J., Mahajan, S. D., Schwartz, S. A., Bruggemann, L., & Aalinkeel, R. (2023). Microbial Biofilm : A Review on Formation, Infection, Antibiotic Resistance, Control Measures, and Innovative Treatment. *Microorganisms* (11):1614 <https://doi.org/10.3390/microorganisms11061614>
- Singh, A. K., Prakash, P., Achra, A., Singh, G. P., Das, A., & Singh, R. K. (2017). Standardization and Classification of *In vitro* Biofilm Formation by Clinical Isolates of *Staphylococcus aureus*. *Journal of global infectious diseases*, 9(3), 93–101. https://doi.org/10.4103/jgid.jgid_91_16
- Speziale, P., & Pietrocola, G. (2020). The Multivalent Role of Fibronectin-Binding Proteins A and B (FnBPA and FnBPB) of *Staphylococcus aureus* in Host Infections. *Frontiers in microbiology*, 11, 2054. <https://doi.org/10.3389/fmicb.2020.02054>
- Tortora G. J. Funke B. R. & Case C.L. (2019). *Microbiology: An Introduction* (13th ed). Pearson.
- Wahyudi, D., & Soetarto, E. S. (2021). Pembentukan Biofilm *Pseudomonas aeruginosa* pada Beberapa Media Cair. *Journal of Pharmacy Vol.* 10(2), 35–40.
- Webber, S. (2021). IDF Diabetes Atlas 10Th Edition. In H. S. Edward J Boyko, Dianna J Magliano, Suvi Karuranga, Lorenzo Piemonte, Phil Riley, Pouya Saeedi (Ed.), *Diabetes Research and Clinical Practice* (10th ed.). International Diabetes Federation. <https://doi.org/10.1016/j.diabres.2013.10.013>