

DAFTAR PUSTAKA

- Afnani, D.A., Fatih, N., Effendi, M.H., tyasningsih, W., Khairullah, A.R., Kurniawan, S.C., silaen, O.S.M., Ramandinianto, S.C.,Widodo, A., Riwu, K.H.P. (2022). Profil of Multidrug Resistance and Methicillin-Resistant *Staphylococcus aureus* (MRSA) isolated from cats in Surabaya, Indonesia. *Biodiversitas* 23 (11): 5703-5709
- Afshar, M.F., Zakaria, Z., Cheng, C.H., Ahmad, N.I. 2023. Prevalence and multidrug-resistant profile of methicillin-resistant *Staphylococcus aureus* and methicillin-resistant *Staphylococcus pseudintermedius* in dogs, cats, and pet owners in Malaysia. *Veterinary World* 16 (3): 536-545
- Atchade E, De Tymowski C, Grall N, Tanaka S, Montravers P. 2024. Toxic Shock Syndrome: A Literature Review. *Antibiotics (Basel)* 13(1):96.
- Aziz, F., Lestari, F.B., Nuraida S., Purwati, E., Salasia, S.I.O. 2020. Deteksi *Staphylococcus aureus* dan *Staphylococcus sp.* secara Langsung dari susu segar Kambing Peranakan Etawa dengan Polymerase Chain Reaction (PCR). *Jurnal Sain Veteriner* 38 (2): 168 - 174
- Bannoehr J, Franco A, Iurescia M, Battisti A, Fitzgerald JR. 2009. Molecular diagnostic identification of *Staphylococcus pseudintermedius*. *J Clin Microbiol* 47(2):469-71
- Bannoehr, J., & Guardabassi, L. (2012). *Staphylococcus pseudintermedius* in the dog: taxonomy, diagnostics, ecology, epidemiology and pathogenicity. *Veterinary dermatology*, 23 4, 253-66, e51-2 .
- Baran A, Kwiatkowska A, Potocki L. 2023. Antibiotics and Bacterial Resistance—A Short Story of an Endless Arms Race. *International Journal of Molecular Sciences*. 24(6):5777
- Bibby HL, Brown KL. 2021. Identification of *Staphylococcus pseudintermedius* Isolates from Wound Cultures by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry Improves Accuracy of Susceptibility Reporting at an Increase in Cost. *J Clin Microbiol* 59(11): 1-11
- Blanc DS, Wenger A, Bille J. 2003 . Evaluation of a novel medium for screening specimens from hospitalized patients to detect methicillin-resistant *Staphylococcus aureus*. *J Clin Microbiol*. 41(8):3499-502.
- Berger-Bächi B, Rohrer S. 2002. Factors influencing methicillin resistance in staphylococci. *Arch Microbiol*.178(3):165-71.

- Bünsow D, Tantawy E, Ostermeier T, Bähre H, Garbe A, Larsen J, Winstel V. 2021. Methicillin-resistant *Staphylococcus pseudintermedius* synthesizes deoxyadenosine to cause persistent infection. *Virulence*. 12(1):989-1002
- Bush K, Bradford PA. 2016. β -Lactams and β -Lactamase Inhibitors: An Overview. *Cold Spring Harb Perspect Med*. 6(8): 1-22
- Carroll, K.C., Burnham, C-A.D., Westvlade, L.F. 2021. From canines to humans: Clinical importance of *Staphylococcus pseudintermedius*. *PLoS Pathog* 17(12): e1009961
- Chatterjee SS, Otto M. 2013. Improved understanding of factors driving methicillin-resistant *Staphylococcus aureus* epidemic waves. *Clin Epidemiol*. 4;5:205-17
- Cheung GYC, Bae JS, Otto M. 2021. Pathogenicity and virulence of *Staphylococcus aureus*. *Virulence* 12(1):547-569
- Costa SS, Ribeiro R, Serrano M, Oliveira K, Ferreira C, Leal M, Pomba C, Couto I. 2022. *Staphylococcus aureus* Causing Skin and Soft Tissue Infections in Companion Animals: Antimicrobial Resistance Profiles and Clonal Lineages. *Antibiotics (Basel)* 11(5):599.
- Divyakolu, S., Chikkala, R., Ratnakar, K.S., & Sritharan, V. 2019. Hemolysins of *Staphylococcus aureus*—An Update on Their Biology, Role in Pathogenesis and as Targets for Anti-Virulence Therapy. *Advances in Infectious Diseases*.
- Duijkeren, E. V., Catry, B., Greko, C., Moreno, M.A., Pomba, M.C., Pyo ra la, S., Ruzauskas, M., Sanders, P., Threlfall, E.J., Torren-Edo, J., Torneke, K (2011). Review on methicillin-resistant *Staphylococcus pseudintermedius*., *J.Antimicrob Chemother*. 66: 2705-2714
- Dunyach-Remy C, Ngba Essebe C, Sotto A, Lavigne JP. 2016. *Staphylococcus aureus* Toxins and Diabetic Foot Ulcers: Role in Pathogenesis and Interest in Diagnosis. *Toxins (Basel)* 8(7):209.
- Fishovitz J, Hermoso JA, Chang M, Mobashery. 2014. S. Penicillin-binding protein 2a of methicillin-resistant *Staphylococcus aureus*. *IUBMB Life* 66(8):572-7.
- Fitrandi, M. , Salasia, S.I.O. , Sianipar, O., Dewananda, D.A. , Arjana, A.Z. , Aziz, F. , Wasissa, M. , Lestari, F.B. , Santosa, C.M. (2023). Methicillin-resistant *Staphylococcus aureus* isolates derived from

humans and animals in Yogyakarta, Indonesia. *Veterinary Wolrd* 16: 239-245

- Glajzner P, Szewczyk EM, Szemraj M. 2022. Pathogenic potential and antimicrobial resistance of *Staphylococcus pseudintermedius* isolated from human and animals. *Folia Microbiol (Praha)*. 68(2):231-243.
- Gronthal, T., Moodley A., Nyka, S. senoja, Junnila, J., Guardabassi, L., Thomson, K., Rantala, M. (2014). Large Outbreak Caused by Methicillin Resistant *Staphylococcus pseudintermedius* ST71 in a Finnish Veterinary Teaching Hospital – From Outbreak Control to Outbreak Prevention. *PLoS ONE* 9(10): e110084
- Juwita, S., Indrawati, A., Damajanti, R., Safika, S., Mayasari, N.L.P.I. 2022. Genetic relationship of *Staphylococcus aureus* isolated from humans, animals, environment, and Dangke products in dairy farms of South Sulawesi Province, Indonesia. *Veterinary World* 15 (5): 558 - 564
- Kang MH, Chae MJ, Yoon JW, Kim SG, Lee SY, Yoo JH, Park HM. 2014. Antibiotic resistance and molecular characterization of ophthalmic *Staphylococcus pseudintermedius* isolates from dogs. *J Vet Sci* 15(3):409-15
- Kapoor G, Saigal S, Elongavan A. 2017. Action and resistance mechanisms of antibiotics: A guide for clinicians. *J Anaesthesiol Clin Pharmacol* 33(3):300-305
- Kluytmans J, Van Griethuysen A, Willemse P, Van Keulen P. 2002 .Performance of CHROMagar selective medium and oxacillin resistance screening agar base for identifying *Staphylococcus aureus* and detecting methicillin resistance. *J Clin Microbiol*. 40 (7) :2480-2.
- Kobayashi SD, DeLeo FR. 2013. *Staphylococcus aureus* protein A promotes immune suppression. *mBio*. 4(5):e00764-13
- Leboffe, M.J. dan Burton E.P. 2011. *A Photographic Atlas for the Microbiology Laboratory 4th Ed.* Morton Publishing, Colorado,
- Lee GY, Yang SJ. 2019. Comparative assessment of genotypic and phenotypic correlates of *Staphylococcus pseudintermedius* strains isolated from dogs with otitis externa and healthy dogs. *Comp Immunol Microbiol Infect Dis*. 70:101376
- Lynch SA, Helbig KJ. 2021. The Complex Diseases of *Staphylococcus pseudintermedius* in Canines: Where to Next? *Vet Sci* 8(1):11

- Markey, B.K., Leonard, F.C., Archambault, M. 2013. *Clinical Veterinary Microbiology 2nd edition*. Mosby Elsevier
- McAdow M, Missiakas DM, Schneewind O. 2012. *Staphylococcus aureus* secretes coagulase and von Willebrand factor binding protein to modify the coagulation cascade and establish host infections. *J Innate Immun* 4(2):141-8.
- McVey, D.S., Kennedy, M., Chengappa, M.M., Wilkes, R. 2022. *Veterinary Microbiology Fourth Edition*. USA: Wiley Blackwell
- Moses IB, Santos FF, Gales AC. 2023. Human Colonization and Infection by *Staphylococcus pseudintermedius*: An Emerging and Underestimated Zoonotic Pathogen. *Microorganisms* 11(3):581
- Nashev, D., K. Toshkova, Salasia, S.I.O., A. A. Hassan, C. Lämmler and M. Zschöck (2004). Distribution of virulence genes of *Staphylococcus aureus* isolated from stable nasal carriers. *FEMS Microbiol. Letters*. 233, 45-52.
- Ortega E, Abriouel H, Lucas R, Gálvez A. 2010. Multiple roles of *Staphylococcus aureus* enterotoxins: pathogenicity, superantigenic activity, and correlation to antibiotic resistance. *Toxins (Basel)* 2(8):2117-31
- Petinaki, E., Arvaniti, A., Dimitracopoulos, G., Spiliopoulou, I. 2001. Detection of *mecA*, *mecR1* and *mecI* genes among clinical isolates of methicillin-resistant staphylococci by combined polymerase chain reactions. *Journal of Antimicrobial Chemotherapy*. 47 (3): 297–304
- Quinn, P. J., Markey, B. K., Leonard, F. C., Fitzpatrick, E. S., Fanning, S. and Hartigan, P. J. 2011. *Veterinary Microbiology and Microbial Disease*. Iowa: Wiley-Blackwell.
- Rana EA, Islam MZ, Das T, Dutta A, Ahad A, Biswas PK, Barua H. 2022. Prevalence of coagulase-positive methicillin-resistant *Staphylococcus aureus* and *Staphylococcus pseudintermedius* in dogs in Bangladesh. *Vet Med Sci* 8(2):498-508
- Rynhoud, H., Meler, M., Gibson J.S., Price, R., Maguire, T., Farry, T., Bennett, E., Hartono, J., Magalhães, R.J.S. 2021. Epidemiology of methicillin resistant *Staphylococcus* species carriage in companion animals in the Greater Brisbane Area, Australia. *Research in Veterinary Science* 136: 138-142

- Saeed, M.M., Yasir, J.O.A., Hussein, A.N., Hassan, R.M. 2022. A review of animal diseases caused by staphylococci. *Revista Latinoamericana de Hipertension* 17 No 1
- Salasia SI, Tato S, Sugiyono N, Ariyanti D, Prabawati F. Genotypic characterization of *Staphylococcus aureus* isolated from bovines, humans, and food in Indonesia. *J Vet Sci*. 2011 Dec;12(4):353-61
- Shaghayegh G, Cooksley C, Ramezanpour M, Wormald PJ, Psaltis AJ, Vreugde S. 2022. Chronic Rhinosinusitis, *S. aureus* Biofilm and Secreted Products, Inflammatory Responses, and Disease Severity. *Biomedicines*. 10(6):1362
- Shalaby, M., Dokla, E.M.E., Serya, R.A.T., Abouzid, K.A.M. 2020. Penicillin binding protein 2a: An overview and a medicinal chemistry perspective. *European Journal of Medicinal Chemistry* 199: 1-20
- Stasiak M, Maćkiw E, Kowalska J, Kucharek K, Postupolski J. 2021. Silent Genes: Antimicrobial Resistance and Antibiotic Production. *Pol J Microbiol* 70(4):421-429
- Turner, N.A., Sharma-Kuinkel, B.K., Maskarinec, S.A. *et al.* (2019). Methicillin-resistant *Staphylococcus aureus*: an overview of basic and clinical research. *Nat Rev Microbiol* 17,203-2018
- Ventola CL. 2015 . The antibiotic resistance crisis: part 1: causes and threats. *P T*. 40(4):277-83
- Walther B, Friedrich AW, Brunnberg L, Wieler LH, Lübke-Becker A. 2006. Methicillin-resistant *Staphylococcus aureus* (MRSA) in veterinary medicine: a "new emerging pathogen"?. *Berl Munch Tierarztl Wochenschr*. 119(5-6):222-32.
- Working, K.A., Brown, J., Gerber, L., Trott, D.J., Abraham, S., Norris, J.M. (2018). Methicillin-resistant staphylococci amongst veterinary personel, personnel-owned pets, patients and the hospital environment of two small animal veterinary hospitals. *Veterinary Microbiology*, 223, 79-85