

## DAFTAR PUSTAKA

Bala Raghu Raji, V., Vasanthraj, P. K., Ramachandran, R., & Sai, V. (2018). Multi-system infection – tuberculosis or melioidosis? *Egyptian Journal of Radiology and Nuclear Medicine*, 49(3), 689–692. <https://doi.org/10.1016/j.ejrn.2018.03.012>

Behera, B., Prasad Babu, T. L. V. D., Kamalesh, A., & Reddy, G. (2012). Ceftazidime resistance in *Burkholderia pseudomallei*: First report from India. *Asian Pacific Journal of Tropical Medicine*, 5(4), 329–330. [https://doi.org/10.1016/S1995-7645\(12\)60050-9](https://doi.org/10.1016/S1995-7645(12)60050-9)

Bugrysheva, J. V., Sue, D., Gee, J. E., Elrod, M. G., Hoffmaster, A. R., Randall, L. B., Chirakul, S., Tuanyok, A., Schweizer, H. P., & Weigel, L. M. (2017). Antibiotic resistance markers in *Burkholderia pseudomallei* strain Bp1651 identified by genome sequence analysis. *Antimicrobial Agents and Chemotherapy*, 61(6). <https://doi.org/10.1128/AAC.00010-17>

Bzdyl, N. M., Moran, C. L., Bendo, J., & Sarkar-Tyson, M. (2022). Pathogenicity and virulence of *Burkholderia pseudomallei*. *Virulence*, 13(1), 1945–1965. <https://doi.org/10.1080/21505594.2022.2139063>

Chantratita, N., Wuthiekanun, V., Limmathurotsakul, D., Vesaratchavest, M., Thanwisai, A., Amomchai, P., Tumapa, S., Feil, E. J., Day, N. P., & Peacock, S. J. (2008). Genetic diversity and microevolution of *Burkholderia pseudomallei* in the environment. *PLoS Neglected Tropical Diseases*, 2(2). <https://doi.org/10.1371/journal.pntd.0000182>

Chantratita, N., Rholl, D. A., Sim, B., Wuthiekanun, V., Limmathurotsakul, D., Amornchai, P., Thanwisai, A., Chua, H. H., Ooi, W. F., Holden, M. T. G., Day, N. P., Tan, P., Schweizer, H. P., & Peacock, S. J. (2011). Antimicrobial resistance to ceftazidime involving loss of penicillin-binding protein 3 in *Burkholderia pseudomallei*. *Proceedings of the National Academy of Sciences of the United States of America*, 108(41), 17165–17170. <https://doi.org/10.1073/pnas.1111020108>



Dance, D. A. B., & Cheng, A. C. (2020). *Burkholderia* ei: advances in diagnosis and detection strategies. *Emerging Diseases\**, 26(11), 2541–2549. [rg/10.3201/eid2611.200196](https://doi.org/10.3201/eid2611.200196)

Dance, D. A. B. (2015). Burkholderia pseudomallei and melioidosis: the continuing challenges. *Clinical Microbiology Reviews*, 28(3), 553–590. <https://doi.org/10.1128/CMR.00018-15>

Dance, D. A. B. (2022). Treatment and prophylaxis of melioidosis. *International Journal of Antimicrobial Agents*, 59(2), 106513. <https://doi.org/10.1016/j.ijantimicag.2021.106513>

Dharakul, T., Tassaneeritthep, B., Trakulsomboon, S., & Songsivilai, S. (2020). Phylogenetic analysis of Ara+ and Ara- Burkholderia pseudomallei isolates and development of a multiplex PCR procedure for rapid discrimination between the two biotypes. *Journal of Clinical Microbiology*, 37(6), 1906–1912. <https://doi.org/10.1128/jcm.37.6.1906-1912.1999>

Gupta, A., Pande, A., Sabrin, A., Thapa, S. S., Gioe, B. W., & Grove, A. (2019). MarR Family Transcription Factors from Burkholderia Species: Hidden Clues to Control of Virulence-Associated Genes. *Microbiology and Molecular Biology Reviews*, 83(1), 1–19. <https://doi.org/10.1128/mnbr.00039-18>

Howard, K., & Inglis, T. J. J. (2003). Novel selective medium for isolation of Burkholderia pseudomallei. *Journal of Clinical Microbiology*, 41(7), 3312–3316. <https://doi.org/10.1128/JCM.41.7.3312-3316.2003>

Ilhamjaya, A. M., Muhammad, M., Ramadhan, A. R., & Sjahril, R. (2021). A rare finding of Burkholderia pseudomallei isolate from neck abscess, 4 years after the last report in Makassar: a case report. *Journal of Clinical Microbiology and Infectious Diseases*, 1(2), 33–37. <https://doi.org/10.51559/jcmid.v1i2.8>

Kaestli, M., Mayo, M., Harrington, G., Ward, L., & Currie, B. J. (2022). Environmental detection of Burkholderia pseudomallei using molecular techniques in endemic regions. *Frontiers in Microbiology*, 13, 830532. <https://doi.org/10.3389/fmicb.2022.830532>

Kusumawati, R. L., Hasibuan, M., Siregar, A. W., & Gozali, C. (2025). Detection of Burkholderia pseudomallei in Suspected Melioidosis at Universitas Sumatera Utara (USU) Hospital, North Sumatra, Indonesia. *Journal of Pure and Applied Microbiology*, 19(2), 1390–1400. <https://doi.org/10.22207/JPAM.19.2.42>



al. (2015). Development and clinical validation of a real-time assay targeting the type III secretion system of Burkholderia pseudomallei. *J Clin Microbiol*, 53(3), 928–935.

Limmathurotsakul, D., et al. (2010). Identification of *Burkholderia pseudomallei* using conventional biochemical tests leads to frequent misidentification with *B. thailandensis*. *PLoS Neglected Tropical Diseases*, 4(6): e636. <https://doi.org/10.1371/journal.pntd.0000636>

Lim, K. S., & Chong, V. H. (2010). Radiological manifestations of melioidosis. *Clinical Radiology*, 65(1), 66–72. <https://doi.org/10.1016/j.crad.2009.08.008>

Meumann, E. M., Limmathurotsakul, D., Dunachie, S. J., Wiersinga, W. J., & Currie, B. J. (2024). *Burkholderia pseudomallei* and melioidosis. In *Nature Reviews Microbiology* (Vol. 22, Issue 3). <https://doi.org/10.1038/s41579-023-00972-5>

Munir, N. F. (2020). *Isolasi Dan Identifikasi Bakteri Tanah Burkholderia Pseudomallei Penyebab Melioidosis Article history: Public Health Faculty Received in revised form 23 Januari 2020 Universitas Muslim Indonesia Accepted 24 Januari 2020 Address: Available Email: Phone.* 3(1), 65–72.

Moore, R. A., Reckseidler-Zenteno, S., Kim, H., Nierman, W., Yu, Y., Tuanyok, A., Warawa, J., DeShazer, D., & Woods, D. E. (2018). Contribution of gene loss to the pathogenic evolution of *Burkholderia pseudomallei* and *Burkholderia mallei*. *Infection and Immunity*, 72(7), 4172–4187. <https://doi.org/10.1128/IAI.72.7.4172-4187.2004>

Norazah, A., Ismail, Z., & Jamaluddin, T. Z. M. T. (2021). Antibiotic susceptibility profile of clinical isolates of *Burkholderia pseudomallei* in Malaysia. *Malaysian Journal of Pathology*, 43(2), 193–198.

PNC, S., NNS, B., & KJP, P. (2020). Variasi morfologi koloni burkholderia pseudomallei pada media ashdown. *Medicina*, 51(3), 542–546. <https://doi.org/10.15562/medicina.v51i3.964>

Pumirat, P., Thaenthane, S., Chantratita, N., Wongsuvan, G., & Limmathurotsakul, D. (2021). Molecular identification of *Burkholderia pseudomallei* and its differentiation from other *Burkholderia* species using genetic markers. *\*PLoS ONE\**, 16(3), e0247927. <https://doi.org/10.1371/journal.pone.0247927>



2). *Melioidosis Reference Manual*. 2–29.

species. *Drug Resistance Updates*, 28, 82–90.  
<https://doi.org/10.1016/j.drug.2016.07.003>

Sadiq, M., Hassan, L., Aziz, S., & Zakaria, Z. (2016). A Mini Review on the Antimicrobial Treatment, Mechanisms and Patterns of Resistance among Clinical, Veterinary and Environmental isolates of *Burkholderia pseudomallei*. *International Journal of Livestock Research*, 6(11), 1.  
<https://doi.org/10.5455/ijlr.20161118074752>

Sandra, S., Rustiati, E. L., Priyambodo, Wahyuningsih, S., Srihanto, E. A., Pratiwi, D. N., Febriansyah, M., Lestari, S. W., Thesalonika, N., Winarno, Ashari, M. M., Andriyani, Y., Alfandi, A., Maharani, A. L., Suhada, S., & Permatasari, N. (2025). Uji Keberhasilan Amplifikasi Gen N-Methyltransferase Pada Kopi Robusta Di Perkebunan Kopi Rakyat Lembah Gunung Betung, Bogorejo, Lampung. *Jurnal Biogenerasi*, 10(2), 1021–1026. <https://doi.org/10.30605/biogenerasi.v10i2.5542>

Sahl, J. W., Vazquez, A. J., Hall, C. M., Busch, J. D., Tuanyok, A., Mayo, M., ... & Pearson, T. (2021). Phylogenomic analysis reveals genetic markers specific to *Burkholderia pseudomallei*. *\*Microbial Genomics\**, 7(4).  
<https://doi.org/10.1099/mgen.0.000564>

Sarovich, D. S., Price, E. P., Webb, J. R., Ward, L. M., Voutsinos, M. Y., Tuanyok, A., Mayo, M., Kaestli, M., & Currie, B. J. (2014). Variable virulence factors in *Burkholderia pseudomallei* (Meloidosis) associated with human disease. *PLoS ONE*, 9(3), 1–4.  
<https://doi.org/10.1371/journal.pone.0091682>

Sarovich, D. S., Price, E. P., Limmathurotsakul, D., Cook, J. M., Von Schulze, A. T., Wolken, S. R., ... & Currie, B. J. (2012). Development of ceftazidime resistance in *Burkholderia pseudomallei*: Molecular mechanisms and epidemiology. *Antimicrobial Agents and Chemotherapy*, 56(11), 5984–5991. <https://doi.org/10.1128/AAC.01334-12>

Simpson, A. J. H., Suputtamongkol, Y., Smith, M. D., Angus, B. J., Rajanuwong, A., Wuthiekanun, V., Howe, P. A., Walsh, A. L., Chaowagul, W., ... & Archer, N. J. (2019). Comparison of imipenem and ceftazidime as severe melioidosis. *Clinical Infectious Diseases*, 29(2), 381–387. <https://doi.org/10.1086/520219>



ooten, R. M. (2021). Interactions Between Pathogenic  
ia and the Complement System: A Review of Potential  
rasion Mechanisms. *Frontiers in Cellular and Infection*

Tauran, P. M., Sennang, N., Rusli, B., Wiersinga, W. J., Dance, D., Arif, M., & Limmathurotsakul, D. (2015). Emergence of melioidosis in Indonesia. *American Journal of Tropical Medicine and Hygiene*, 93(6), 1160–1163. <https://doi.org/10.4269/ajtmh.15-0292>

Tauran, P. M., Wahyunie, S., Saad, F., Dahesihdewi, A., Graciella, M., Muhammad, M., Lestari, D. C., Aryati, A., Parwati, I., Loho, T., Pratiwi, D. I. N., Mutiawati, V. K., Loesnihari, R., Anggraini, D., Rahayu, S. I., Wulan, W. N., Antonjaya, U., Dance, D. A. B., Currie, B. J., ... Iskandriati, D. (2018). Emergence of melioidosis in Indonesia and today's challenges. In *Tropical Medicine and Infectious Disease* (Vol. 3, Issue 1). MDPI AG. <https://doi.org/10.3390/tropicalmed3010032>

Tjampakasari, C. R. (2021). Patogenesis dan virulensi *Burkholderia pseudomallei* penyebab melioidosis dan *Burkholderia cepacia* sebagai patogen oportunistik. *Jurnal Biomedika Dan Kesehatan*, 4(1), 27–36. <https://doi.org/10.18051/jbiomedkes.2021.v4.27-36>

Ulett, G. C., et al. (2001). PCR for detection of *Burkholderia pseudomallei* in clinical samples. *Journal of Clinical Microbiology*, 39(10), 3788–3791. <https://doi.org/10.1128/JCM.39.10.3788-3791.2001>

Viberg, L. T., Sarovich, D. S., Kidd, T. J., Golledge, C., Price, E. P., Burns, B., ... & Currie, B. J. (2023). Global diversity and evolution of ceftazidime resistance mechanisms in *Burkholderia pseudomallei*. *Frontiers in Microbiology*, 14, 1132324. <https://doi.org/10.3389/fmicb.2023.1132324>

Wiersinga, W. J., Virk, H. S., Torres, A. G., Currie, B. J., Peacock, S. J., & Dance, D. A. (2018). Melioidosis. *Nature Reviews Disease Primers*, 4(1), 17107. <https://doi.org/10.1038/nrdp.2017.107>

Wiersinga, W. J., et al. (2018). Melioidosis. *Nature Reviews Disease Primers*, 4(1), 1–22.



sako, Y., Oyaizu, H., Yano, I., Hotta, H., Hashimoti, Y., & Ezaki, Y. (2013). Proposal of *Burkholderia* gen. nov. and Seven of the Genus *Pseudomonas* Homology Group II to the s, with Type Species *Burkholderia cepacia* comb.nov. *Journal of Information and Modeling*, 53(9), 1689–1699.