

DAFTAR PUSTAKA

- Ahmed, S., Hansen, C., Dahlkide, A. L., Herrero-Fresno, A., Nielsen, K. J., & Olsen, J. E. (2021). The Effect of Colistin Treatment on the Selection of Colistin-Resistant *Escherichia coli* in Weaner Pigs. *Weaner Pigs Antibiotics*, *10*(465), 1-9.
- Badan Pusat Statistik. (2021). *Rata-Rata Konsumsi per Kapita Seminggu Beberapa Macam Bahan Makanan Penting 2007-2021*. Jakarta: BPS.
- Baktir, A. (2017). *DNA Struktur dan Fungsi*. Surabaya: Airlangga University Press.
- Bialvaei, A. Z., & Kafil, H. S. (2015). COListin, mechanism and prevalence of resistance. *Current Medical Research and Opinion*, *31*(4), 707-721.
- Buwono, I. D., Iskandar, Agung, M. U., & Subhan, U. (2018). *Buku Ajar Aplikasi Teknologi DNA Rekombinan untuk Perakitan Konstruksi*. Yogyakarta: Deepublish.
- Casali, N., & Preston, A. (2003). *E. Coli Plasmid Vectors Methods and Applications*. Totowa: Humana Press.
- Catry, B., Cavaleri, M., Baptiste, K., Grave, K., Grein, K., Holm, A., . . . Pomba, M. (2015). Use of colistin-containing products within the European Union and European Economic Area (EU/EEA): development of resistance in animals and possible impact on human and animal health. *International Journal of Antimicrobial Agents*, *46*, 297-306.
- Davies, R., & Wales, A. (2019). Antimicrobial Resistance on Farms: A Review Including Biosecurity and the Potential Role of Disinfectants in Resistance Selection. *Comprehensive Reviews in Food Science and Food Safety*, *0*, 1-22.
- Foster, N., Kyriazakis, I., & Barrow, P. (2021). *Advancements and Technologies in Pig and Poultry Bacterial Disease Control*. London: Elsevier Science.
- Gharaibeh, M. H., & Shatnawi, S. Q. (2019). An overview of colistin resistance, mobilized colistin resistance genes dissemination, global responses, and the alternatives to colistin : A review. *Veterinary World*, *12*, 1735- 1746.
- Guabiraba, R., & Schouler, C. (2015). Avian colibacillosis: still many black. *FEMS Microbiology Letters*, *362*, 1-8.
- Gull, M. (2019). *Plasmid*. Croatia: IntechOpen.
- Hankin, T. M., & Peters, J. E. (2020). *Snyder & Champness Molecular Genetics of Bacteria* (5th ed.). Washington: WILEY.

- Hartzell, J. D., Neff, R., Ake, J., Howard, R., Olson, S., Paolino, K., Wortmann, G. (2009). Nephrotoxicity Associated with Intravenous Colistin (Colistimethate Sodium) Treatment at a Tertiary Care Medical Center. *Clin Infect Dis*, 48(12), 1724-1728.
- Hossain, M., Rahman, W., Ali, M., Sultana, T., & Hossain, K. (2021). IDENTIFICATION AND ANTIBIOGRAM ASSAY OF ESCHERICHIA COLI ISOLATED FROM CHICKEN EGGS. *Journal of Bio-Science*, 29(1), 123-133.
- Josh, M., & Deshpande. (2010). POLYMERASE CHAIN REACTION: METHODS, PRINCIPLES AND APPLICATION. *ACADEMIA*, 1(5), 81-97.
- Leboffe, M. J., & Pierce, B. E. (2011). *A Photographic Atlas for the Microbiology Laboratory*. Colorado: Morton Publishing Company.
- Ling, Z., Yin, W., Shen, Z., Wang, Y., Shen, J., & Walsh, T. R. (2020). Epidemiology of mobile colistin resistance genes mcr-1 to mcr-9. *Journal of Antimicrobial Chemotherapy*, 1-9.
- Livermore, D. M. (2002). Multiple Mechanisms of Antimicrobial Resistance in *Pseudomonas aeruginosa*: Our Worst Nightmare? *Clin Infect Dis*, 34(5), 634-640.
- Luhung, Y. G., Suarjana, I. G., & Gelgel, K. T. (2017). Sensitivitas Isolat *Escherichia coli* Patogen dari Organ Ayam Pedaging terinfeksi Koliseptikemia terhadap Oksitetrasiklin, Ampisilin, dan Sulfametoksazol. *Buletin Veteriner Udayana*, 1, 60-66.
- Luo, Q., Wang, Y., & Xiao, Y. (2020). Prevalence and transmission of mobilized colistin resistance (mcr) gene in bacteria common to animals and humans. *Biosafety and Health*, 2, 71-78.
- MacWilliams, M. P. (2016). *Citrate Test Protocol*. America: American Society for Microbiology.
- Markey, B., Leonard, F., Archambault, M., Cullinane, A., & Maguire, D. (2013). *Clinical Veterinary Microbiology* (2nd ed.). Edinburgh: Elsevier.
- Merck and EMD. (2000). *Merck Microbiology Manual* (12th ed.). Darmstadt: Merck.
- Muladno. (2010). *Teknologi Rekayasa Genetika* (2nd ed.). Bogor: IPB Press.
- Niasono, A. B., Latif, H., & Purnawarman, T. (2019). Resistensi Antibiotik Terhadap Bakteri *Escherichia coli* yang Diisolasi dari Peternakan Ayam

- Pedaging di Kabupaten Subang, Jawa Barat. *Jurnal Veteriner*, 20(2), 187-195.
- Rebelo, A. R., Bortolaia, V., Kjeldgaard, J. S., Pedersen, S. K., Leekitcharoenphon, P., Hansen, I. M., . . . Guyomard, A. (2018). Multiplex PCR for detection of plasmid-mediated colistin resistance determinants, mcr-1, mcr-2, mcr-3, mcr-4 and mcr-5 for surveillance purposes. *Euro Surveill*, 23(6), 1-11.
- Reiner, K. (2016). *Carbohydrate Fermentation Protocol*. America: American Society for Microbiology.
- Samie, A. (2017). *Escherichia coli Recent Advances on Physiology, Pathogenesis and Biotechnological Applications*. Zagreb: IntechOpen.
- Singer, A., Shaw, H., Rhodes, V., & Hart, A. (2016). Review of antimicrobial resistance in the environment and its relevance to environmental regulators. *Front Microbiology*, 7, 1728.
- Sun, J., Xu, Y., Gao, R., Lin, J., Wei, W., Srinivas, S., . . . Feng, Y. (2017). Deciphering MCR-2 Colistin Resistance. *American Society for Microbiology*, 8(3), 1-9.
- Suryo. (1984). *Genetika*. Yogyakarta: UGM Press.
- Violentina, G. A., Buayanti, N. N., & Iswari, I. S. (2020). Prevalensi gen penyandi resisten Colistin mcr-1 pada isolat Klebsiella pneumoniae dan Escherichia coli Extended-Spectrum Beta-Lactamases(ESBL) di RSUP Sanglah, Bali tahun 2018. *Intisari Sains Medis*, 11(3), 1537-1540.
- Wahyuwardani, S., M, N. S., M, P., Andriani, & T, A. (2014). Kasus Kolibasilosis pada Peternakan Ayam Pedaging di Yogyakarta dan Bogor. *Seminar Nasional Teknologi Peternakan dan Veteriner*, 606-610.
- Wang, C., Freeman, M. D., & Kaltenboeck, B. (2012). *Veterinary PCR Diagnostics*. West Indies: Bentham Books.
- Wiedosari, E., & Wahyuwardani, S. (2015). A Case Study on the Diseases of Broiler Chicken in Sukabumi and Bogor Districts. *Jurnal Kedokteran Hewan*, 9(1), 9-13.
- Winn, W. C., Koneman, E. W., Allen, S., Janda, W. M., Schreckenberger, P. C., Procop, G. W., & Woods, G. L. (2006). *Koneman's Color Atlas and Textbook of Diagnostic Microbiology* (6th ed.). Baltimore: Lippincott Williams & Wilkins.
- Xavier, B. B., Lammens, C., Ruhai, R., Kumar-Singh, S., Butaye, P., Goossens, H., & Malhotra-Kumar, S. (2016). Identification of a novel plasmid-mediated

colistin-resistance gene, mcr-2, in Escherichia coli, Belgium, June 2016.
Euro Surveill, 21(28).

Yates, M. V., Pillai, S. D., Nakatsu, C. H., & Miller, R. V. (2020). *Manual of Environmental Microbiology*. Washington DC: Wiley.