

DAFTAR PUSTAKA

- Aini, A., Sriasih, M., dan Kisworo, D. (2017). Studi pendahuluan cemaran air limbah rumah potong hewan di Kota Mataram. *Jurnal Ilmu Lingkungan*, 15(1), 42–48.
- Balai Veteriner (BVet) Bukittinggi. (2022). *Laporan tahunan kejadian multiple drug resistance E. coli di wilayah kerja Balai Veteriner Bukittinggi*. Balai Veteriner.
- Basavaraju, M., dan Gunashree, B. S. (2022). *Escherichia coli*: An overview of main characteristics. Dalam M. Starčič Erjavec (Ed.), *Escherichia coli – Old and new insights*. IntechOpen.
- Bens, S., dkk. (2021). Horizontal gene transfer of antibiotic resistance genes in *Enterobacteriaceae*. *Frontiers in Microbiology*, 12, 697645.
- Bialvaei, A. Z., dkk. (2016). CTX-M extended-spectrum beta-lactamases: A review. *Journal of Infection in Developing Countries*, 10(5), 422–432.
- Biutifasari, V. (2018). Extended spectrum beta-lactamase (ESBL). *Oceana Biomedicina Journal*, 1(1), 1–11.
- Brenner, D. J., Davis, B. R., Steigerwalt, A. G., dkk. (1982). Atypical biogroups of *Escherichia coli* found in clinical specimens and description of *Escherichia hermannii* sp. nov. *Journal of Clinical Microbiology*, 15(4), 703–713.
- Bridson, E. Y. (2006). *The Oxoid manual of culture media, ingredients and other laboratory services* (9th ed.). Oxoid Limited.
- Bush, K. (2016). Antimicrobial agents targeting bacterial cell walls and cell membranes. *Revista Científica de la Sociedad Española de Enfermedades Infecciosas y Microbiología Clínica*, 34(4), 43–49.
- Bush, K., dan Jacoby, G. A. (2010). Updated functional classification of beta-lactamases. *Antimicrobial Agents and Chemotherapy*, 54(3), 969–976.
- Centers for Disease Control and Prevention (CDC). (2014). *Antibiotic resistance threats in the United States*. U.S. Department of Health and Human Services.
- Castanheira, M. (2021). Global epidemiology and mechanisms of resistance of *Enterobacteriaceae* to third-generation cephalosporins. *Diagnostics*, 11(9), 1657.
- Cheesbrough, M. (2006). *District laboratory practice in tropical countries, part 2* (2nd ed.). Cambridge University Press.
- Clinical and Laboratory Standards Institute (CLSI). (2017). *Performance standards for antimicrobial susceptibility testing* (27th ed., CLSI supplement M100). CLSI.
- Conforti, S., Holschneider, A., Sylvestre, É., dan Julian, T. R. (2024). Monitoring ESBL-*Escherichia coli* in Swiss wastewater between November 2021 and November 2022: Insights into population carriage. *mSphere*, 9(5), e00760-23.
- Drieux, L., dkk. (2016). Quantitative evaluation of extended-spectrum β -lactamase-producing *Escherichia coli* in the wastewater of a French geriatric hospital. *Antimicrobial Resistance and Infection Control*, 5(9).

- Giguère, S., Prescott, J. F., dan Dowling, P. M. (2013). *Antimicrobial therapy in veterinary medicine* (5th ed.). Wiley-Blackwell.
- Hadi, S. (2014). *Isolasi dan identifikasi bakteri penghasil enzim alkalin protease dari limbah cair Rumah Potong Hewan Giwangan Yogyakarta*. Universitas Gadjah Mada.
- Herman, H., Setianto, Y. A., dan Sulistyowati, L. (2023). Analisis pengelolaan air limbah rumah potong hewan dan dampaknya terhadap lingkungan ditinjau dari perspektif *One Health*. *Al Qalam: Jurnal Ilmiah Keagamaan dan Kemasyarakatan*, 17(4), 2784–2805.
- Khasanah, U., Mahasri, G., dan Kusdarwati, R. (2021). Examination of *Escherichia coli* bacteria in blood cockle satay (*Anadara granosa*) sold at Surabaya traditional market, Indonesia. *World Veterinary Journal*, 11(1), 79–84.
- Kleist, J. F., Bachmann, L., Huxdorff, C., Eger, E., Schaufler, K., Wedemeyer, J., dan Homeier-Bachmann, T. (2025). ESBL-producing *Escherichia coli* in wastewater from German slaughterhouses. *One Health*, 20, 101189.
- Lalitha, M. K. (2017). *Manual on antimicrobial susceptibility testing*. Indian Association of Medical Microbiologists.
- Leboffe, M. J., dan Pierce, B. E. (2011). *A photographic atlas for the microbiology laboratory* (4th ed.). Morton Publishing.
- Livermore, D. M., dan Brown, D. F. J. (2005). Detection of beta-lactamase-mediated resistance. *Journal of Antimicrobial Chemotherapy*, 48(S1), 59–64.
- Mayahie, S. M. A. (2013). Extended-spectrum beta-lactamase (ESBL)-producing *Escherichia coli* isolates. *Jurnal Kedokteran Brawijaya*, 27(3), 148–153.
- Mueller, M., dan Tainter, C. R. (2023). *Escherichia coli* infection. Dalam *StatPearls*. StatPearls Publishing.
- Murray, C. J. L., dkk. (2022). Global burden of bacterial antimicrobial resistance in 2019: A systematic analysis. *The Lancet*, 399(10325), 629–655.
- Noor, S. M., dan Poeloengan, M. (2005). Penggunaan antibiotik pada ternak dan dampaknya pada kesehatan manusia. *Wartazoa*, 15(1), 37–48.
- Osińska, A., Korzeniewska, E., Korzeniowska-Kowal, A., Wzorek, A., Harnisz, M., Jachimowicz, P., Buta-Hubeny, M., dan Zieliński, W. (2022). The challenges in the identification of *Escherichia coli* from environmental samples and their genetic characterization. *Environmental Science and Pollution Research*, 30(5), 11572–11583.
- Paterson, D. L. (2005). Resistance in gram-negative bacteria: *Enterobacteriaceae*. *American Journal of Infection Control*, 34(5), 20–28.
- Paterson, D. L., dan Bonomo, R. A. (2005). Extended-spectrum β -lactamases: A clinical update. *Clinical Microbiology Reviews*, 18(4), 657–686.
- Pemerintah Kabupaten Sleman. (2022, 10 November). *Melihat fasilitas Rumah Potong Hewan Mancasan di Sleman*.
- Peraturan Menteri Lingkungan Hidup Nomor 5 Tahun 2014 tentang Baku Mutu Air Limbah bagi Kegiatan Rumah Potong Hewan. (2014). Kementerian Lingkungan Hidup Republik Indonesia.

- Peraturan Menteri Pertanian Nomor 13 Tahun 2010 tentang Persyaratan Rumah Pemotongan Hewan Ruminansia dan Unit Penanganan Daging.* (2010). Kementerian Pertanian.
- Pokludova, L. (2020). *Antimicrobial resistance: A global multifaceted phenomenon.* Springer Nature.
- Roihatin, A., dan Rizqi, A. K. (2009). *Pengolahan air limbah Rumah Pemotongan Hewan (RPH) dengan cara elektrokoagulasi aliran kontinyu.* Jurusan Teknik Kimia, Universitas Diponegoro.
- Savin, M., Bierbaum, G., Schmithausen, R. M., Heinemann, C., Kreyenschmidt, J., Schmoger, S., Akbaba, I., Käsbohrer, A., dan Hammerl, J. A. (2022). Slaughterhouse wastewater as a *reservoir* for extended-spectrum β -lactamase (ESBL)-producing *Klebsiella* spp. *Science of the Total Environment*, 804, 150000.
- Standar Nasional Indonesia (SNI) 01-6159-1999: Rumah pemotongan hewan.* (1999). Badan Standardisasi Nasional.
- Wibisono, F. J., Sumiarto, B., Untari, T., Effendi, M. H., Permatasari, D. A., dan Witaningrum, A. M. (2020). Pemodelan epidemiologi kejadian multidrug resistance bakteri *Escherichia coli* pada peternakan ayam komersial di Kabupaten Blitar. *Jurnal Sain Veteriner*, 38(1), 76–83.
- World Health Organization (WHO). (2021). *Global tricycle surveillance – ESBL E. coli: WHO integrated global surveillance on ESBL-producing E. coli using a 'One Health' approach.* World Health Organization.
- Yunindika, T., Latif, H., Pisestyani, H., Wahyudi, A., Ahmad, H., dan Susanti, O. (2022). Identifikasi *Escherichia coli* penghasil ESBL dari efluen Rumah Potong Hewan Unggas di Kota Bogor, Jawa Barat. *Jurnal Kesehatan Lingkungan Indonesia*, 21(1), 43–49.
- Zhen, X., Lundborg, C. S., Sun, X., Hu, X., dan Dong, H. (2019). Economic burden of antibiotic resistance in ESKAPE organisms: A systematic review. *Antimicrobial Resistance and Infection Control*, 8, 137.