

DAFTAR PUSTAKA

- Agyare, C., Boamah, V., Zumbi, C., dan Osei, F. 2018. *Antibiotics Use in Poultry Production and Its Effects on Bacterial Resistance*. UK: IntechOpen. 34.
- Badan Pusat Statistik. 2021. *Populasi Ayam Ras Pedaging Menurut Provinsi (Ekor)*. Badan Pusat Statistik: Jakarta.
- Bayot, M dan Bragg, B. 2021. *Antimicrobial Susceptibility Testing*. <https://www.ncbi.nlm.nih.gov/books/NBK539714/>. National Library of Medicine. Diakses pada tanggal 26 Mei 2022.
- Benson, H. 2006. *Microbiological Applications: Laboratory Diagnosis of Infectious Disease 10th Edition*. Balvimore: Lipincott Williams & Wilkins.
- Berg, H. 2004. *E.coli in Motion*. USA: Springer. 1.
- Besung, I., Suarjana, I., dan PG, K. 2018. Resistensi Antibiotik pada *Escherichia coli* yang Diisolasi dari Ayam Petelur. *Buletin Veteriner Udayana* 11(1): 28-32.
- Bryskier, A. 2005. *Antimicrobial Agents: Antibacterials and Antifungals*. USA: ASM Press. 642. 855-856. 925. 941. 945.
- Chopra, I dan Roberts, M. 2001. Tetracycline Antibiotics: Mode of Action, Applications, Molecular Biology, and Epidemiology of Bacterial Resistance. *ASM* 65(2): 232-260.
- CLSI. 2018. *M100 Performance Standards for Antimicrobial Susceptibility Testing 28th Edition*. Wayne, PA: Clinical and Laboratory Standards Institute. 31-36.
- Dinos, G., Athanassopoulos, C., Missiri, D., Giannopoulou, P., Vlachogiannis, I., Papadopoul, G., Papaioannou, D., Kalpaxis, D. 2016. Chloramphenicol Derivatives as Antibacterial Anticancer Agents: Historic Problems and Current Solutions. *MDPI Journal* 20(5): 1-21.
- Drlica, K dan Perlin, D. 2012. *Antibiotic Resistance Understanding and Responding to an Emerging Crisis*. New Jersey: FT Press.
- Effendi, M., Tyaningsih, W., Yurianti, Y., Rahmahani, J., Harijani, N., dan Plumeriastuti, H. 2021. Presence of Multidrug Resistance (MDR) and Extended-Spectrum Beta-Lactamase (ESBL) of *Escherichia coli* Isolated from Cloacal Swabs of Broilers in Several Markets in Surabaya, Indonesia. *BIODIVERSITAS* 22(1): 304-310.
- Elmi, S., Simons, D., Elton, L., Haider, N., Hamid, M., Shuaib, Y., Khan, M., Othman, I., Kock, R., dan Osman, A. 2021. Identification of Risk Factors

Associated with Resistant *Escherichia coli* Isolates from Poultry Farms in the East Coast of Peninsular Malaysia: A Cross Sectional Study. *MDPI Journal* 117(10): 1-17.

Etikaningrum dan S, Iwantoro. 2017. Kajian Residu Antibiotika pada Produk Ternak Unggas di Indonesia. *Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan* 5(1): 29-33.

Fadilah, R. 2013. *Beternak Ayam Broiler*. Jakarta: AgroMedia Pustaka. 1-3.

Falagas, M dan Kasiakou, S. Colistin: The Revival of Polymyxins for the Management of Multidrug-Resistant Gram-Negative Bacterial Infections. *CID* 40(9): 1333-1341.

Hauser, 2012. *Antibiotic Basic for Clinicians the ABCs of Choosing the Right Antibacterial Agent 2nd Edition*. UK: Blackwells.

Huovinen, P. 2001. Resistance to Trimethoprim-Sulfamethoxazole. *CID* 32 : 1608-1614.

Kaushik, D., Mohan, M., Borade, D., dan Swami, O. 2014. Amoxicilin: Rise Fall and Resurgence. *CDR* 8(5):1-3.

Khoirani, K., Indrawati, A., dan Setiyaningsih, S. 2019. Detection of Ampicillin Resistance Encoding Gene of *Escherichia coli* from Chicken in Bandung and Purwakarta. *Journal of the Indonesian Veterinary Research* 3(1): 42-46.

Krisnaningsih, M., Asmara, W., dan Wibowo, M. 2005. Uji Sensitivitas Isolat *Escherichia coli* Patogen pada Ayam terhadap Beberapa Jenis Antibiotik. *Jurnal Sain Veteriner*, 1: 13-18.

Leboffe, M dan Pierce, B. 2011. *A Photographic Atlas for Microbiology Laboratory*. Colorado: Morton Publishing. 13. 74. 82. 95-98. 144.

Li, J., Nation, R., dan Kaye, K. 2019. *Polymyxin Antibiotics: From Laboratory Bench to Bedside*. USA: Springer. 15.

Mahfudz, L., Sunarti, D., Kismiati, S., Sarjana, T., dan N, Maulana. 2021. *Pencegahan Penyakit Ternak Unggas*. Semarang: UNDIP Press. 116. 119.

Markey, B., Leonard, F., Archambault, M., Cullinane, A., dan Maguire, D. 2013. *Clinical Veterinary Microbiology*. USA: Elseiver. 248.

Merck, E. 2010. *Microbiology Manual 12th Edition*. Jerman: Merck&Co. 235.

Murray, P. 2008. *Manual of Clinical Microbiology 9th Edition*. USA: ASM Press. 1157.

- Niasono, A., Latif, H., dan 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.
- Nugroho, W dan Wibowo, M. 2005. Uji Sensitivitas Bakteri *Escherichia coli* Isolat Asal Ayam yang Bereaksi Positif pada Media *Congo Red* terhadap Preparat Ampisilin, Streptomisin, dan Enrofloksasin. *J. Sain Vet*, (1): 19-23.
- Nurjanah, G., Cahyadi, A., dan Windria, S. 2020. Kajian Pustaka: Resistensi *Escherichia coli* terhadap Berbagai Macam Antibiotik pada Hewan dan Manusia. *Jurnal Indonesia Medicus Veterinus* 9(6): 970-983.
- Palupi, M., Maheshwari, H., Darusman, H., Sudarnika. E., dan Wibawan, I. 2018. Resistensi *Escherichia coli* terhadap Colistin dan Deteksi Gen *Mobilized Colistin Resistance-1* pada Ayam Pedaging Akibat Pemberian Colistin Sulfat. *Jurnal Veteriner* 19(2): 196-207.
- Plumb, D., 2011. *Veterinary Drug Handbook 7th Edition*. PharmaVet inc. USA: 717-718.
- Putri, N., Afiff, U., dan Tiuria, R. 2020. Uji Resistensi *Escherichia coli* dari Peternakan Ayam Ras Petelur di Desa Rumpin Kabupaten Bogor terhadap Antibiotik. *ARSHI Vet Kett* 4(2): 35-36.
- Quinn, P., Markey, B., Carter, M., Donnelly, W., dan Leonard, F. 2011. *Veterinary Microbiology and Microbial Disease*. UK: Willey-Blackwell. 105.
- Rasyaf, M. 2012. *Panduan Beternak Ayam Pedaging*. Jakarta: Niaga Swadaya. 6.
- Shane, S. 2005. *Handbook on Poultry Diseases 2nd Edition*. Singapore: American Soybean Association. 108.
- Suardana, I., Utama, I., dan Wibowo, M. 2017. Antimicrobial Susceptibility Patterns And DNA Plasmid Profiles Of *Escherichia Coli* O157:H7 Isolated From Feces Of Chicken. *Journal of Veterinary Medicine and Animal Science*, 1(1): 1-5.
- Tabbu, C. 2000. *Penyakit Ayam dan Penanggulangannya Volume 1*. Yogyakarta: Kanisius. 31.
- Turner, K., Restaino, L., dan Frampton, E. 2000. Efficacy of Chromocult Coliform Agar for Coliform and *Escherichia coli* Detection in Foods. *Journal of Food Protection*, 63 (4) 539–541.
- Umam, M., Prayogi, H., dan Nurgiartiningsih, V. 2014. The Performance of Broiler Rearing in System Stage Floor Double Floor. *Jurnal Ilmu-ilmu Peternakan* 24(3): 79-87.

- Ventola, C. 2015. The Antibiotics Resistance Crisis. *Pharmacy and Therapeutics Journal* 40(4): 277-283.
- Waters, M dan Tadi, P. 2021. *Streptomycin*. <https://www.ncbi.nlm.nih.gov/books/NBK555886/>. National Library of Medicine. Diakses pada tanggal 28 Desember 2021.
- Wibowo, M dan Wahyuni, A. 2008. Studi Patogenesis *Escherichia coli* Isolat Unggas pada Ayam Pedaging Umur 15 hari. *Jurnal Veteriner* 9(2): 87-93.
- Wibowo, M dan Amanu, S. 2009. Efektivitas Pengobatan Preparat Kombinasi Amoksisilin dan Kolistin Sulfat pada Kasus Infeksi Buatan *Escherichia coli* Patogen pada Ayam Broiler. *J. Sain Vet* 27(1): 1-9.
- Wibowo, M., Nugroho, W., dan Asmara, W. 2011. Profil Plasmid *Escherichia coli* Resistan terhadap Beberapa Antibiotik yang Diisolasi dari Peternakan Ayam Komersial. *J. Sain Vet*, 29(1): 43-50.
- World Health Organization. 2016. Critically Important Antimicrobials for Human Medicine. *Bull WHO*. 1-41.
- World Organization for Animal Health. 2018. Criteria used for Categorisation, List of Antimicrobial Agents. *OIE*. 1-10.