



## DAFTAR PUSTAKA

- Abdullah, M. A., Muhammad, A., Asmara, I. Y., Widjastuti, T., & Setiyatwan, H. (2020). Studi potensi ekstrak kulit manggis (*Garcinia mangostana L.*) yang disuplementasi mineral tembaga dan seng terhadap pemanfaatan ransum ayam sentul. *Jurnal Nutrisi Ternak Tropis dan Ilmu Pakan*. Vol. 21 No. 1, 51-59.
- Abiala, M., Olayiwola, J., Babatunde, O., Aiyeolaagbe, O., & Akinyemi, S. (2016). Evaluation of therapeutic potentials of plant extracts against poultry bacteria threatening public health. *BMC Complementary and Alternative Medicine*. Vol. 16 No. 417, 1-8.
- Anonim. (2011). *Khasiat Fantastis Kulit Manggis*. Jakarta: Grasindo.
- Apun, K., Y. L. Chong, M. T. Abdullah, & V. Micky. (2008). Antimicrobial susceptibilities of *Escherichia coli* isolates from food animals and wildlife animals in Sarawak, East Malaysia. *Asian Journal of Animal and Veterinary Advances*. Vol. 3 No. 6, 409-416.
- Aryanti, F., Aji, M. B., & Budono, N. (2013). Pengaruh pemberian air gula merah terhadap performa ayam kampung pedaging. *Jurnal Sain Veteriner*. Vol. 31 No. 2, 156-164.
- Aziah, L. N., Indrawati, A., & Wibawan, I. W. T. (2020). Keberhasilan Mendeteksi Gen Penyandi Resistensi Tetracycline dan Plasmid Mediated Quinolones pada Bakteri *Salmonella* Ayam di Bandung dan Purwakarta. *Jurnal Veteriner*. Vol. 21 No. 2, 199-207.
- Bahri, S., Masbulan, E., & Kusumaningsih, A. (2005). Proses Praproduksi sebagai Faktor Penting dalam Menghasilkan Produk Ternak yang Aman untuk Manusia. *Jurnal Litbang Pertanian*. Vol. 24 No. 1, 27-35.
- Baron, S., Jouy, E., Larvor, E., Eono, F., Bougeard, S., & Kempf, I. (2014). Impact of third-generation-cephalosporin administration in hatcheries on fecal *Escherichia coli* antimicrobial resistance in broilers and layers. *Journal ASM*. Vol. 58 No. 9, 5428 – 5434.
- Belenguer, A. J., Domenech, E., Villagra, A., Fenollar, A., & Ferrus, M. A. (2016). Antimicrobial resistance of *Escherichia coli* isolated in newly-hatched chickens and effect of amoxicillin treatment during their growth. *Avian Pathology*. Vol. 45 No. 4, 501-507.
- Bista, S., Shresta, U. T., Dhunge, B., Koirala, P., Gompo, T. R., Shrestha, N., Adhikari, N., Joshi, D. R., Banjara, M. R., Adhikari, B., Rijal, K. R., & Ghimire, P. (2020). Detection of plasmid-mediated colistin resistant mcr-1 Gene in *Escherichia coli* isolated from infected chicken livers in Nepal. *MDPI Journal of Animals*. 1-13.



- Bisping W, Amstberg GA. (1988). *Color atlas for the diagnosis of bacterial pathogen in animals*. Berlin: Paul Parey Scientific Publisher.
- Biswas, S., Brunel, J.M., Dubus, J.C., Reynaud-Gaubert, M., & Rolain, J.M. (2012). Colistin: An update on the antibiotic of the 21st century. *Expert Rev. Vol. 10*, 917–934.
- Botsoglou, N.A. & Fletouris, D.J. (2001) *Drug Residues in Food*. Marcel Dekker, Inc., New York, NY
- Bristy, N. I., Das, S., Noman, Z. A., Ferdous, J., Sachi, S., Kabir, S. M. L., & Sikder, M. H. (2019). Colistin residue in broiler:detection in different growth stages. *Asian-Australasian Journal of Food Safety and Security. Vol. 3 No. 1*, 43-47.
- Bywater, R., Deluyker, H., Deroover, E., De Jong, A., Marion, H., McConville, M., Rowan, T., Shryock, T., Shuster, D., Thomas, V., Valle, M., dan Walters, J. (2004). A European survey of antimicrobial susceptibility among zoonotic and commensal bacteria isolated from foodproducing animals. *J Antimicrob Chem. Vol 54 No. 4*, 744-754.
- Chaverri., C. Rodríguez., O. Ibarra., & P. Rojas. (2008). Food and Chemical Toxicology. *Vol. 46 No. 10*, 3227-3239.
- CLSI. (2011). *Performance Standards for Antimicrobial Susceptibility Testing; 11<sup>th</sup> edition*. Wayne, PA: Clinical and Laboratory Standards Institute.
- Dhama, K., Tiwari, R., Khan, R. U., Chakraborty, S., Gopi, M., Karthik, K., Saminathan. M., Desingu, P. A., & Sunkara, L. T. (2014). Growth Promoters and Novel Feed Additives Improving Poultry Production and Health, Bioactive Principles and Beneficial Applications: The Trends and Advances-A Review. *Int J Pharm. Vol. 10 No. 3*, 129-159.
- Diarra, M. S., & Malouin, F. (2014). *Antibiotic in canadian poultry porductions and anticipated alternatives*. Front Microbiology
- Dierikx, C., van der Goot, J., Smith, H., Kant, A., & Mevius, D. (2013). Presence of ESBL/AmpC -Producing *Escherichia coli* in the Broiler Production Pyramid: A Descriptive Study. *Plos ONE. Vol. 8 No. 11*, 79005.
- Dollery, C. (1999), *Theraupetic Drugs*. Edinburgh: Chrchill livingstone
- Dugassa, J. & Shukuri, N. (2017) Review on antibiotic resistance and its mechanism of development. *JHMN. Vol. 1 No. 3*, 1-17.
- Fabiansson, S., Nilsson T., & Backstrom, J. (1976). Tissues concentrations of cholarmphenicol after intramuscular injection in pigs. *Journal Science Food Agriculture. Vol. 27*, 1156-1162.
- Friedlander, L. G., Arnold, D. (2006). *Colistin*. Germany



- Giovanardi, D., Campagnari, E., Ruffoni, L. S., Pesente, P., Ortali, G. & Furlattini, V. (2005). *Avian pathogenic Escherichia coli* transmission from broiler breeders to their progeny in an integrated poultry production chain. *Avian Pathology*. Vol. 34 No. 4, 313–318.
- Gyles, C. I. (1983). *Escherichia coli dalam Pathogenesis of Bacterial Infection in Animals*. Gyles, C.L and Thoen, C.O (eds) second edition. Ames: Iowa state university press
- Harinaldi. (2005). *Prinsip – Prinsip Statistik Untuk Teknik dan Sains*. Jakarta: Erlangga.
- Hassan, M. M., K. B. Amin., M. Ahaduzzaman., M. Alam., M. S. A. Faruk., & I. Uddin. (2014). Antimicrobial resistance pattern against E. coli and Salmonella in layer poultry. *Research Journal for Veterinary Practitioners*. Vol. 2 No. 2, 30–35.
- Herawati, O., Untari, T., Anggita, M., & Artanto, S. (2020). Effect of mangosteen (*Garcinia mangostana L.*) peel extract as an antibiotic growth promotor performance and antibiotic resistance in broilers. *Veterinary World*. Vol. 13, 796-800.
- Hidanah, S., Warsito, S. H., Nurhajati, T., Lokapirnasari, W. T., & Malik, A. (2017). Effects of mangosteen peel (*Garcinia mangostana*) and ginger rhizome (*Circuma xanthorrhiza*) on the performance and cholesterol levels of heat-stressed broiler chickens. *Pakistan Journal of Nutrition*. Vol. 16 No.1, 28-32.
- Hooper, D. C., Wolfson. J. S., Ng. E. Y., & Swartz, M. N. (1987). *Mechanisms of action and resistance to ciprofloxacin*. AM J Med.
- Hossain, M. A., Amin, M. R., Khan, M. D. I., Mollah, M. L., & Amin, M. A. (2015). Occurrences, treatment and antibiotic resistant pattern of colibacillosis and salmonellosis in broiler. *Journal Binet*. Vol. 4 No. 2, 67-73.
- Indrawati, A., Kurnia, R. S., & Mayasari, N. L. P. I. (2019). Deteksi Gen Penyandi Resistensi ampC dan mcr-1 pada *Escherichia coli* penyebab Colibacillosis Unggas di Sukabumi. *Jurnal Veteriner*. Vol. 20 No. 4, 495-503.
- Jacoby, G. A., & Low, K. B. (1980). *The Effects on Human Health of Subtherapeutic Use of Antimicrobials in Animal Feeds*. USA: National academy of sciences.
- Jajere, S. M., Hassan, L., Zakaria, Z., Abu, J., & Aziz, S. A. (2020). Antibiogram Profiles and Risk Factors for Multidrug Resistance of *Salmonella enterica* Recovered from Village Chickens (*Gallus gallus domesticus Linnaeus*) And Other Environmental Sources in the Central and Southern Peninsular Malaysia. *MDPI*. 1-13.



- Januari, C., Sudarwanto, M. B., & Purnawarman, T. (2019). Resistensi antibiotik pada *Escherichia coli* yang diisolasi dari daging ayam pada pasar tradisional di Kota Bogor. *Jurnal Veteriner*. Vol, 20 No.1, 125-131.
- Joanna, K. W., Koncicki, A., & Smialek, M. (2017). *Klebsiella* spp. in the pathology of poultry and their role in epidemiology of human foodborne diseases. *Med Weter*. Vol. 73 No. 9, 528-531.
- Jones, F. T., & K. E. Richardson. (2004). *Salmonella* in commercially manufactured feeds. *Journal Poultry Science*. Vol. 83 No. 11, 384-391.
- Jumanta. (2019). *Buku Pintar Tanaman*. Jakarta: Gramedia.
- Kapoor, G., Saigal, S., & Elongavan, A. (2017). Action and resistance mechanisms of antibiotics: a guide for clinicians. *Journal of Anaesthesiology Clinical Pharmacology*. Vol. 33 No. 3, 300-305.
- Kobayashi, N., Nishino, K. & Yamaguchi, A. (2001). Novel Macrolide-Specific ABC-Type Efflux Transporter in *Escherichia coli*. *Journal of Bacteriology*, Vol. 183 No.19, 5639-5644.
- Komura, S., Kurahashi, K. (1979). Partial-purification and properties of L-2,4-diaminobutyric acid activating enzyme from a polymyxin-E producing organism. *J. Biochem*. Vol 86, 1013–1021.
- Kumar, S. (2012). *Text Book of Microbiology*. India: Jaypee Brothers Medical Publisher Ltd.
- Kumar, H., Chen, B., Kuca K., Nepovimova, E., Kaushal, A., Nagraik, R., Bhatia, S. K., Dhanjal S. S., Kumar, V., Kumar, A., Upadhyay, N. K., Verma, R., Kumar, D. (2020). Understanding of colistin usage in food animals and available detection techniques : a review. *Animals*. Vol. 10, 1-19.
- Kusmayadi, A dan Rahayu, N. (2020). Total bakteri asam laktat dan coliform usus itik Cihateup yang diberi pakan mengandung kombinasi tepung kulit manggis dan kunyit. *JITP*. Vol. 8 No. 1, 8-14.
- Laxminarayan, R., Matsoso, P., Pant, S., Brower, C., Rottingen, J.A., Klugman, K., dan Davies, S. (2016) Access to effective antimicrobials: A worldwide challenge. Vol.387, 168–175.
- Leboffe, M. J., & Pierce, B. E. (2011). *A Photographic Atlas for the Microbiology Laboratory 4<sup>th</sup> Edition*. USA: Morton Publishing
- Lessing A. (2010). Killing Us Softly: How Sub-Therapeutic Dosing of Livestock Causes Drug-Resistant Bacteria in Humans. *Boston Coll Environ Aff Law Review*. Vol. 37 No. 2, 463-491.
- Loisa., Lukman, D. W., & Latif, H. (2016). Resistensi *Salmonella* spp. terhadap beberapa antibiotik pada daging itik di Kabupaten Bogor yang dapat memengaruhi Kesehatan konsumen. *Jurnal Kedokteran Hewan*. Vol. 10 No. 2, 115-120.



- Magallanes. B. O., Perez, D. E., Chaverri, J. P. (2017). Medicinal Properties of Mangosteen (*Garcinia mangostana L.*): A Comprehensive Update. *Food and Chemical Toxicology*. Vol. 109, 102-122.
- Mardiana, L. (2011). *Ramuan dan Khasiat Kulit Manggis*. Yogyakarta:Penebar swadaya.
- Mardiyantoro, F. (2017). *Penyebaran Infeksi Odontogen dan Tatalaksana*. Malang: UBPRESS,
- Markey, B., Leonard, F., Archambault, M., Culinane, A., & Maguire, D. (2013). *Clinical Veterinary Microbiology 2<sup>th</sup> Edition*. New York: Elsevier
- Marliana, N., Zubaidah, E., & Sutrisno, A. (2015). Pengaruh Pemberian Antibiotika saat Budidaya terhadap Keberadaan Residu pada Daging dan hati Ayam Pedaging dari Peternakan Rakyat. *Jurnal Ilmu-Ilmu Peternakan*. Vol 25 No. 2, 10-19.
- Maron, D.F., Smith, T.J., dan Nachman, K.E. (2013). Restrictions on antimicrobial use in food animal production: An international regulatory and economic survey. *Global Health*. Vol. 9, 48.
- Marshall BM, Ochieng DJ, Levy SB. (2009). Commensals: Underappreciated reservoir of antibiotic resistance. *Microbe*. Vol. 4 No. 5, 231-238.
- Masturina, Fakhrurrazi, Abrar, M., Erina., Wahyuni. S., & Budiman H. (2017). Isolasi bakteri *Salmonella* sp dalam kendang ayam broiler Desa Cot Sayun Kecamatan Blang Bintang Besar Aceh Besar. *JIMVET*. Vol. 1 No. 3, 375-382.
- McDermott, P. F. Walker., & White, D. G. (2003). Antimicrobials: Modes of Action and mechanisms of resistance. *Int. J. Toxicol.* Vol. 22 No.2, 135-143.
- Miksusanti., B. S. L. Jennie., B. Ponco., & G. Trimulyadi. (2008). Kerusakan Dinding Sel Escherichia ColikL Oleh Minyak Atsiri Temu Kunci (*Kaempferiapandurata*) [Cell Wall Disruption Of Escherichia Coli Kl.L By Temu Kunci (*Kaempferiapandurata*) Essential Oil]. *Berila Biologi*. Vol. 9 No. 1, 1-8.
- Miles, T. D., McLaughlin, W., & Brown. P.D. (2006). Antimicrobial resistance of *Escherichia coli* isolates from broiler chickens and humans. *BMC Veterinary Research*. Vol. 2 No. 7, 1-9.
- Mishra, S. K., & Agrawal, D. (2012). *A concise manual of pathogenic microbiology*. John wiley & Sons.
- Mohamed, M. N., Shuaib, Y. A., Suliman, S. E., & Abdalla, M. A. (2013). Common pathogenic bacteria isolated from broiler chicken farms in Khartoum state. *Journal of Science and Technology*. Vol. 14, 14-18.
- Moreno, M. A., Garcia-Soto, S., Hernandez, M., Barcena, C., Lazaro, D. R., Rulz, M. U., & Dominguez, L. (2019). Day-old chicks are a source of



antimicrobial resistant bacteria for laying hen farms. *Elsevier Journal*. 221-228.

Muhammad, A., Nurulita, N. A., & Budiman, A. (2017). Uji sensitivitas antibiotik terhadap bakteri penyebab infeksi saluran kemih pada pasien rawat inap di rsud prof. Dr margono soekarjo purwokerto . *Pharmacy*. Vol. 14 No. 2, 248-263.

Mund, M. D., Khan, U. H., Tahir, U., Mustafa, B. E., & Fayyaz, A. (2017). Antimicrobial drug residues in poultry products and implication on public health: a review. *International Journal of Food Properties*. Vol. 20 No. 7, 1434-1446.

Munita, J. M., & Airias, C. A. (2016). Mechanisms of Antibiotic Resistance. *HHS Public Access*. Vol 4. No. 2, 1-37.

Napier, B. A., Burd, E. M., Satola, S. W., Cagle, S. M., Ray, S. M., McGann, P., & Weiss, D. S. (2013). Clinical Use of Colistin Induces Cross-Resistance to Host Antimicrobials in *Acinetobacter baumannii*. *mbio.asm.org*, Vol. 4, No. 3, 1-5.

Natsir, M. H., Widodo. E., & Muharlien. (2016). Penggunaan kombinasi tepung kunyit dan jahe bentuk enkapsulasi dan tanpa enkapsulasi terhadap karakteristik usus dan microflora usus ayam pedaging. *Buletin Peternakan*. Vol. 40 No. 1, 1-10.

Newton, B.A. (1956). Properties and mode of action of the polymyxins. *Bacteriol*. Vol 20, 14–27.

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*. Vol. 20 No. 2, 187-195.

Nisha. A. (2008). Antibiotic residues-a global health hazard. *Veterinary World*. Vol. 1 No. 12, 375 -377.

Noor, S. M., Poeloengan, M. (2005). *Pemakaian antibiotik pada ternak dan dampaknya pada kesehatan manusia*. Dalam: *Lokakarya nasional keamanan pangan produk peternakan*. Bogor (ID): Balai Penelitian Veteriner.

Normaliska, R., Sudarwanto, M. B., & Latif, H. (2019). Pola Resistensi Antibiotik pada *Escherichia coli* Penghasil ESBL dari Sampel Lingkungan di RPH-R Kota Bogor. *Acta Veterinaria Indonesiana*. Vol. 7 No. 2, 42-48.

Nugroho, W. S., & Wibowo, M. H. (2005). Uji sensitivitas bakteri *Escherichia coli* isolate asal ayam yang bereaksi positif pada media *congo red* terhadap preparat ampicilin, streptomisin, dan enroflokasin. *Jurnal Sain Veteriner*. Vol 1, 19-23.



- OIE. (2012). Laboratory methodologies for bacterial antimicrobial susceptibility testing. Chapter 2.1.
- OIE. (2016). World Organization for Animal Health. Terrestrial Animal Health Code Ed. 25th. OIE. Paris, France. Chapter 6.7-6.8
- OIE. (2018). Collection, submission and storage of diagnostic specimens. Chapter 1.1.2
- Okorafor, O. N., Anyawu, M. U., Nwafor, E. O., Anosa, G. N., & Udegbunam, R. I. (2019). Multidrug-resistant *enterobacteria* colonize commercial day-old broiler chicks in Nigeria. *Veterinary World*. Vol. 12, 418-423.
- Olatoye, I. O., Oyelakin, E. F., Adeyemi, I. G., & Call, D. R. (2012). Chloramphenicol use and prevalence of its residues in broiler chickens and eggs in Ibadan, Nigeria. *Nigerian Veterinary Journal*. Vol. 33 No. 4, 643-650.
- Palupi, M. F., Maheswari, H., Darusman, H. S., Sudarnika, E., & Wibawan, I. W. T. (2018). Resistensi *Escherichia coli* terhadap kolistin dan deteksi gen mobilized colistin resistance-1 pada ayam pedaging akibat pemberian kolistin sulfat. *Jurnal Veteriner*. Vol. 19. No. 2, 196-207.
- Pasaribu, T. (2019). Peluang zat bioaktif tanaman sebagai alternatif imbuhan pakan antibiotik pada ayam. *Jurnal Litbang Pertanian*. Vol. 38 No.2. 96-104.
- Phitaktim, S., Chomnawang, M., Sirichaiwetchakoon, K., Dunkhunthod, B., Hobbs, G., & Eumkeb, G. (2016). Synergism and the mechanism of the combination of alpha-mangostin isolated from *Garcinia mangostan* l. and oxacillin against an oxacillin-resistant *Staphylococcus saprophyticus*. *BMC Microbiology*. Vol. 16 No. 195, 2-14.
- Purwanto, E., Marmansari, D., Sari, D. K., & Hatta, M. (2019). Antibiotic Resistance of *E. coli* isolates from Broiler Chick's Cecum in Makassar City. *Jurnal Riset Veteriner Indonesia*. Vol. 3 No. 2, 56-60.
- Pusporini, R. (2019). *Antibiotik kedokteran gigi: pedoman praktis bagi dokter gigi*. Malang: UB Press
- Putri, A. R., Suswati, E., & Indreswari, L. (2018). Resistensi *Escherichia coli* dari Isolat Daging Ayam Broiler terhadap Tetrasiklin. *Journal of Agromedicine and Medical Sciences*. Vol. 4 No. 1, 38-44.
- Quinn, P. J., Markey, B. K., Leonard, F. C., FitzPatrick, E.S., Fanning, S., & Hartigan, P. J. (2011). *Veterinary Microbiology and Microbial Disease 2th edition*. USA: Wiley-Blackwell.
- Reygaert, W. C. (2018). An overview of the antimicrobial resistance mechanisms of bacteria. *AIMS Microbiology*. Vol. 4 No. 3, 482-501.
- Rohman, A., Rafi, M., Alam, G., Mucharidi, M., & Windarsih, A. (2019). Chemical composition and antioxidant studies of underutilized part of mangosteen



(*Garcinia mangostana L.*) fruit. *Journal of Applied Pharmaceutical Science*. Vol. 9 No. 8, 48-52.

Sagita, D., Pratama, S., & Hastuti. (2020). Uji resistensi antibiotik terhadap kultur bakteri *Staphylococcus aureus* pada ruang ICU rumah sakit Y Kota Jambi. *Journal of Healthcare Technology and Medicine*. Vol. 6 No. 1, 301-307.

Sarmah, A., Meyer, M., & Boxall, A. (2006). A global perspective on the use, sales, exposure pathways, occurrence, fate and effects of veterinary antibiotics (VAs) in the environment. *Chemosphere*, Vol. 65 No. 5, 725-759.

Sarker, M. S., Mannan, M. S., Ali, M. Y., Bayzid, M., & Ahad, A. (2019). Antibiotic resistance of *Escherichia coli* isolated from broilers sold at live bird markets in Chattogram, Bangladesh. *Jurnal of Advanced Veterinary and Animal Research*. Vol. 6, No.3, 272-277.

Schindler, M., dan Osborn, M.J. (1979). Interaction of divalent cations and polymyxin B with lipopolysaccharide. *Biochemistry*. Vol. 18, 4425–4430.

Schmidt, T. M. (2019). *Encyclopedia of Microbiology*. Michigan: Academic Press

Seesom W., Jaratrungtawee A., Suksamrarn S., Mekseepralard C., Ratananukul P., & Sukhumsirichart W. (2013) Antileptospiral activity of xanthones from *Garcinia mangostana* and synergy of gamma-mangostin with penicillin G. *BMC Complementary and alternative medicine*. *Biomedcantral*. Vol. 13 No. 182

Silbergerd, E.K., Graham. J., & Price, L. B. (2008). Industrial food animal production, antimicrobial resistance, and human health. *Ann Rev Public Health*. Vol. 29, 151-169.

Singh, S., S. Shukla., N. Tandia., N. Kumar., & R. Paliwal. (2014). Antibiotic residues: a global challenge. *Pharma Science Monitor*. Vol. 5 No. 3, 184-197.

Sneeringer, S., MacDonald, J., Key, N., McBride, W., and Mathews, K. (2015). Economics of Antibiotic Use in U.S. Livestock Production, ERR-200, U.S.Washington,DC: United States Department of Agriculture, Economic Research Service.

Storm, D. R., Rosenthal, K. S., & Swanson, P. E. (1997). Polymyxin and related peptide antibiotics. *Ann Rev. Biochem*. Vol 46, 723-763.

Stringer, J. L. (2006). *Basic Concepts in Pharmacology: a Student's Survival Guide*. Edisi 3. (diterjemahkan oleh: dr. Huriawati Hartanto). Jakarta: EGC.

Suardana, I. W., Utama, I. H., & Wibowo, M. H. (2014). Identifikasi *Escherichia coli* O157:H7 dari feses ayam dan uji profil hemolisinya pada media agar darah. *Jurnal Kedokteran Hewan*. Vol. 8 No. 1, 1-5

Sudarmandi, A. A. M., Prajitno, S., & Widodo, A. D. W. (2020). Antibiotic Resistance in *Escherichia coli* and *Staphylococcus aureus* from Retail



Chicken Meat in Surabaya, Indonesia. *Biomolecular and Health Science Journal*. Vol. 3 No. 2, 108-112.

- Sumarno. (2000). *Teknik Dasar Pemeliharaan Mikroba*. Jakarta: Intan Pariwara
- Suttirak, W., Manurakchinakorn, S. (2012). In Vitro antioxidant properties of mangosteen peel extract. *Journal Food Science Technology*. Vol. 12 No. 35, 46-58.
- Tangendjaja, B. (2018). *Strategi Cara Budidaya Unggas Tanpa AGP untuk Menghasilkan Performa yang Optimal*. Bogor: IRIAP
- Utomo, B. N. (1998). *Infeksi Salmonella Pada Unggas*. Poultry Indonesia. Edisi April no 217:27-29.
- Van Elsas JD, Semenov AV, Costa R, Trevors JT. (2011). Survival of *Escherichia coli* in the environment: fundamental and public health aspects. *The ISME Journal*. Vol. 5, 173-183.
- Velmurugan, S., & Citarasu, T. (2010). Effect of herbal antibacterial extract on the gut floral changes in Indian white shrimp *fennereopenaeus indicus*. *Romanian Biotechnological Letters*. Vol. 15 No.6, 5709-5717.
- Vila, J., Saez-Lopez, E., Johnson, J.R., Romling, U., Dobrindt, U., Canton, R., Giske, C.G., Naas, T., Carattoli, A., Martinez-Medina, M., Bosch, J., Retamar, P., Rodriguez-Bano,J., Baquero, F., & Soto, S.M. (2016). *Escherichia coli*: an old friend with new tidings. *FEMS Microbiol*. Vol, 40, 437–463.
- Warisno & Dahana, K. (2012). *Kulit Manggis Hidup Sehat Berkat Sang Ratu yang Berkhasiat*. Jakarta: Gramedia
- Werdiningsih, S., Patriana, U., Ariyani, N., Ambarwati, and Nugraha, E. (2013). *Pengkajian Residu Tetrasiklin dalam paha, Hati dan telur Ayam pada Beberapa Provinsi di Indonesia*. Bogor: Balai Besar Pengujian Mutu dan Sertifikasi Obat Hewan.
- WHO (World Health Organization). (2014). Antimicrobial Resistance: Global Report on Surveillance. Diambil Kembali dari WHO: <https://www.who.int/drugresistance/documents/surveillancereport/en/>.
- Wibowo, M. H., & Amanu, S. (2009). Efektivitas pengobatan preparat kombinasi amoksisilin dan kolistin sulfat pada kasus infeksi buatan *Escherichia coli* patogen pada ayam broiler. *Jurnal Sain Veteriner*. Vol. 27. No. 1, 1-8.
- Wiedosari, E., & Wahyuwardani, S. (2015). Studi kasus penyakit ayam pedaging di Kabupaten Sukabumi dan Bogor. *Jurnal Kedokteran Hewan*. Vol. 9 No. 1, 9-12.
- Woolhouse, M., Ward, M., van Bunnik, B., dan Farrar, J. (2015). Antimicrobial resistance in humans, livestock and the wider environment. *Philosophical*



*Transactions Of The Royal Society B: Biological Sciences. Vol. 370 No. 1670,*

Yang, Y., Ashworth, A. J., Willet, C., Cook, K., A. Upadhyay., Owens, P. R., Ricke, S. C., DeBruyn, J. M., & Moore, P. A. (2019). Review of Antibiotic Resistance, Ecology, Dissemination, and Mitigation in U.S. Broiler Poultry Systems. *Frontiers in Microbiology. Vol. 10 No. 2639*, 1-10.

Yodhnu, S., Sirikatitham, A., & Wattanapiromsakul, C. (2009). Validation of LC for the Determination of -Mangostin in Mangosteen Peel Extract: A Tool for Quality Assessment of *Garcinia mangostana L.* *Journal Of Chromatographic Science. Vol. 47 No.3*, 185-189.

Zeniusa, P., Ramadhian, M. R., Nasution, S. H., Karima, N. (2019). Uji daya hambat ekstrak etanol teh hijau terhadap *Escherichia coli* secara in vitro. *Majority. Vol. 8 No. 2*, 136-143.