

DAFTAR PUSTAKA

- Alagawany, M., El-Hack, M.E. A., Farag, M.R., Sachan, S., Karthik, K., and Dhama K. 2018. The use of probiotics as eco-friendly alternatives for antibiotics in poultry nutrition. *Environmental Science and Pollution Research*. 25:10611–10618.
- Adler, H. E and Damassa, A. 1980. Effect of Ingested Lactobacilli on Salmonella Infantis and Echerichia coli and on Intestinal Flora, Pasted Vents And Chicks Gramowth. *Avian Diseases* 24. Hal. 868-878.
- Ahmad, R. Z. 2005. Pemanfaatan cendawan untuk meningkatkan produktivitas dan kesehatan Hewan. Balai besar penelitian Veteriner. Bogor.
- Andrianii., Sudarwanto, M., Setiyaningsih, S., Kusumaningrum, D., dan Pisestyani, H. 2012. Gejala klinis dan patologi anatomi pasca infeksi *Campylobacter jejuni* pada ayam broiler. *Berita Biologi* 11(3).
- Anggorodi, H, R. 1985. *Kemajuan Mutakhir Ilmu Makanan Ternak Unggas*. Cetakan Pertama. Universitas Indonesia Press: Jakarta.
- Anthony, T. 1997. Food poisoning. Departement of Biochemistry Colorado Estate University. New York.
- Bahri, S., Masbulan, E. dan Kusumaningsih, A. 2005. Proses Praproduksi sebagai Faktor Penting dalam Menghasilkan Produk Ternak yang Aman untuk Manusia. *Jurnal Litbang Pertanian* 24.
- BAM. 2001. Bacteriological Analytical Manual, Chapter 7. Bahan internet. <http://www.cfan.fda.gov/~ebam/bam.html>.
- Bailey, J. S. 1987. Factors affecting microbial competitive exclusion in poultry overview-outstanding symposia in food science and technology. *Food. Tec.*, 7: 88-92.
- Bray, J. L. 2008. The Impacts on broiler performance and yield by removing antibiotic growth promoters and an evaluation of potential alternatives. *Dissertation*. Texas A&M University. Austin.
- Beery, J.T., Hugdahl, M. B. and Doyle, M.P. 1988. Colonization of Gastrointestinal Tracts of chicks by *Campylobacter jejuni*. *Appl Environ Microbiol*. 54: 2365-2370.

- Berndtson, E., Danielsson-Tham, M. I., Engvall, A. 1996. *Campylobacter* incidence on a chicken farm and the spread of *Campylobacter* during the slaughter process. *Int. J. Food Protect*, 32: 35–47.
- Bošković, S., Zlatica, P., Milun, D.P. Vladimir, D., Simeon, R. 2010. Broiler Meat Quality: Proteins and Lipids of Muscle Tissue. *African Journal of Biotechnology* Vol. 9 (54), pp, 9177-9182, 27.
- Bolton, F.J and Robertson, L. 1982. A Selective medium for Isolating *Campylobacter jejuni/coli*. *J. Clin. Pathol.* 35:462-467.
- Budiansyah, Agus. 2004. Pemanfaatan Probiotik dalam Meningkatkan Penampilan Produksi Ternak Unggas. Institut Pertanian Bogor.
- Bull, S.A., Allen, V.M., Domingue, G., Jorgensen, J.A., Frost, R., Ure, R., Whyte, D., Tinker, J.E., Corry, J., Gillard-King, J. 2006. Sources of *Campylobacter* spp. colonizing housed broiler flocks during rearing. *Appl. Environ. Microbiol.* 72 : 645–652.
- Butaye, P., Devriese, L. A. and Haesebrouck, F. 2003. Antimicrobial growth promoters used in animal feed: Effects of less well known antibiotics on Gram-positive bacteria. *Clin. Microbiol. Rev.* 16: 175-188.
- Cahyono, B. 2004. *Cara Meningkatkan Budidaya Ayam Ras Pedaging (Broiler)*. Pustaka Nusatama, Yogyakarta.
- Clark, P., Boardman, W., dan Raidal, S. 2009. *Atlas of Clinical Avian Hematology*. Blackwell Publishing, United Kingdom.
- Coates, M.E. and R. Fuller, 1977. The genotobiotic animal in the study of gut microbiology. In: R.T.J. Clarke and T. Bauchop (Eds). *Microbial ecology of the gut*. Academic Press. London, pp: 311-346.
- Cobb-Vantress. 2015. *Broiler Performance & Nutrition Supplement*. Cobb Vantress 500.
- Davis, G.V. and A.B. Erhart. 1976. Effect of monensin and urea in finishing steer rations. *J. Anim. Sci.* 43:1-7.
- Dawson, K.A. 1993. Bioteknologi dalam industri pakan. Proc eedings dari simposium Tahunan ke 9 Alltech, TP Lyons Ed Alltech's Pup echnicallication, hal :269.
- Dhillon, A. S. 2006. *Campylobacter jejuni* Infection in Broiler Chickens. *Avian Disease.* 50(1), 55-58.

- Direktorat Jenderal Peternakan dan Kesehatan Hewan. 2017. Statistik Peternakan dan Kesehatan Hewan 2017. Direktorat Jenderal Peternakan dan Kesehatan Hewan Kementerian Pertanian RI.
- Debruyne, L., Gevers, D. and Vandamme, P. 2008. Taxonomy of the family Campylobacteraceae. In *Campylobacter*, pp. 3–26. Edited by I. Nachamkin, C. M., Szymanski dan Blaser, M. J. Washington, DC: American Society for Microbiology.
- Dilworth BC. \and Day EJ. 1978. Lactobacillus Cultures in Broiler Diets. *Poultry Science* 57:1101.
- Dyubele, N. L., Muchenje, V., Nkukwana, T. T., dan Chimonyo, M. 2010. Consumer Sensory Characteristics of Broiler and Indigenous Chicken Meat : A South African Example. *J. Food Qual. And Pref.* 21 : 815-819.
- Ebrahimi, H., Rahimi, S., Khaki, P., Grimes, J. L., Kathariou, S. 2016. The effects of probiotics, organic acid, and a medicinal plant on the immune system and gastrointestinal microflora in broilers challenged with *Campylobacter jejuni*. *Turk J Vet Anim Sci* 40: 329-336
- El Iraqi, K.G. dan Fayed, R. H. 2012. Effect of Yeast as Feed Supplement on Behavioural and Productive Performance of Broiler Chickens. *Life Science Journal.* 9:4
- El-Shibiny, A., Connerton, P.L., Connerton, I.F. 2005. Enumeration and diversity of *Campylobacters* and bacteriophages isolated during the rearing cycles of free-range organic chickens. *Appl. Environ. Microbiol.* 71: 1259–1266.
- Engberg, R.M., Hedemann, M.S., Laser, T.D. dan Jensen, B.B. 2000. Effect of Zinc Bacitracin and Salinomycin on Intestinal Mikrofolia and Performance Broiler. *Poult Sci.*, 79: 1311-1319.
- Eppy, 2009. SMF Penyakit Dalam RSUP Persahabatan Jakarta : Diare akut. *Medicinus scientific journal of pharmaceutical development and medical application.* 22(3):91-98.
- Ferket, P. R., Parks, C. W., and Grimes, J. L. 2002. Benefits of dietary antibiotic and mannanoligosaccharide supplementation for poultry. *Multi-State Poultry Meeting.* 14-16. New York, USA.
- Finch, M. J., and Blake, P.A.1985. Foodborne Outbreaks of campylobacteriosis. The United States Experience 1980-1982. *Am. J.Epidemiol.* 122:262-267.

- Fitzgerald, C., Wichard, J., Nachamkin, I. 2008. Diagnosis and antimicrobial susceptibility of *Campylobacter* species. In: Nachamkin, I., Szymanski, C.M., Blaser, M.J, editors. *Campylobacter*. 3rd ed. Washington, D.C.: ASM Press;. p. 227-243.
- Fitzgerald, C., Nachamkin, I. 2007. *Campylobacter* and *Arcobacter*. In: Murray PR, Baron, E.J., Jorgensen, J.H, Landry, M. L, Pfaller, M.A, editors. Manual of Clinical Microbiology. 9th ed. Washington, D.C.: ASM Press; p. 933-946.
- Friden, T. 2013. Antibiotic Resistance Threats in the United States 2013. U.S. Centers for Disease Control and Prevention.
- Fuller, R. 1989. Probiotic in Man and animals: A review. *J. Appl Bacteriol* 66: 365-378.
- Gadd, J. 1997. Life Without antibiotic digestive enhancers. In: Lyons TP (ed). Biotechnology in The Feed Industry. Proceedings Alltechs th 13 Annual Symposium, Nicholasville, Kentucky, USA, Pp 277-291.
- Gibson GR, Roberfroid MB. Handbook of probiotics. CRC press, Tylor and Francis group, USA. 2008; 485pp
- Gilliland, S.E. and S.H. Kim, 1984. Effect of viable starter culture bacteria in yogurt on lactose utilization in humans. *J. Dairy. Sci.*, 97: 1-6
- Gilman, dan Goodman. 2012, *Dasar Farmakologi Terapi, Edisi 10*, Editor Joel. G. Hardman & Lee E. Limbird, Konsultan Editor Alfred Goodman Gilman, Diterjemahkan oleh Tim Alih Bahasa Sekolah Farmasi ITB, Penerbit Buku Kedokteran EGC, Jakarta.
- Gordon, S. H. dan Charles, D. R. 2002. Niche and Organic Chicken Product : Their Technology and Scientific Principles. Nothingham University Press, Definitions : III – X, UK.
- Guerry P. 2007. *Campylobacter* flagella: not just for motility. *Trends Microbiol.* 15:456–46110.
- Guerry, P., Perez-Casal, J., Yao, R., McVeigh, A. and Trust, T.J. 1997. A genetic locus involved in iron utilization unique to some *Campylobacter* strains. *Journal of Bacteriology* 179:3997-4002.
- Gunawan dan Sundari, M.M.S. 2003. *Pengaruh Penggunaan Probiotik Dalam Ransum Terhadap Produktivitas Ayam*. Fakultas Peternakan Institut Pertanian Bogor: Kampus Darmaga. Bogor.

- Harimurti. 2009. Study of Competitive Exclusion of *Salmonella pullorum* by Probiotic Strains in The Broiler Chickens. Proceedings of International Seminars of the 5th Asian Conference on Lactic Acid Bacteria: Microbes in Disease Prevention and Treatment. Singapore.
- Hashemi, S.R., Davoodi, H. 2011. Herbal plants and broiler derivatives as growth and health promoters in animal nutrition. *Vet Res Commun.* 35:169-180.
- Horrocks, S.M., Anderson, R.C., Nisbet, D.J., Ricke, S.C. 2009. Incidence and ecology of *Campylobacter jejuni* and *coli* in animals. *Anaerobe*, 15, 18–25.
- Hugdahl, M. B., Beery, J. T., Doyle, M. P. 1988. Chemotactic behavior of *Campylobacter jejuni*. *Infection and Immunity.* 56(6): 1560-1566.
- Ianniti, T and Palmieri, B. 2010. Therapeutical use of probiotic formulations in clinical practice. *Articel in Clinical nutrition* 29(6): 701-25.
- Jensen, A. N, Dalsgaard, A, Baggesen, D. L and Nielsen, E. M. 2006, The occurrence and characterization of *Campylobaeter jejuni* and *C. eoli* in organic pigs and their outdoor environment. *Vet. Microbiol.* 116(1-3):96-105
- Jinadasa, R. N., Bloom S. E., Weiss R. S., Duhamel G. E. 2011. Cytolethal distending toxin: a conserved bacterial genotoxin that blocks cell cycle progression, leading to apoptosis of a broad range of mammalian cell lineages. *Microbiology* 157(Pt 7), 1851–1875.
- Kabir, L. 2009. The Role of Probiotics in the Poultry Industry. *International Journal Of Molecular Sciences.* Basel. Switzerland.
- Kelly, D.J. 2008. Complexity and versatility in the physiology and metabolism of *Campylobacter jejuni*. In: Nachamkin I, Szymanski CM, Blaser MJ, editors. *Campylobacter*. 3rd ed. Washington, DC: ASM Press; p. 41-61
- Kim, C. J., Namkung, H. An, M. S. and paik, L. K. 1988. Supplementation of probiotics to the broiler diets containing moldy corn. *Korean Journal of Animal Science.* 30 : 542- 548.
- Kramer, J.M., Frost, J.A., Bolton, F.J., Wareing, D.R. 2000. *Campylobacter* contamination of raw meat and poultry at retail sale: Identification of multiple types and comparison with isolates from human infection. *J Food Protect* 63: 1654- 1659.

- Kumprecht, I., P. Zobac, Z., Gasnarek dan Robosova, E. 1994. The effect of continues applications of probiotics preparations based on *S. cerevisiae* var *elipsoideus* and *Streptococcus faecium* C-68 (SF-68) on chicken broiler yield . *Zivocisma-yroba* 39(6) : 491-503 .
- Lamb-Rosteski, J., Kalischuk, L., Douglas Inglis, G. and Buret, G. 2008. Epidermal Growth Factor Inhibits *Campylobacter* JJejuni-induced Claudin-4 Disruption, Loss of Epithelial Barrier Function, and *Escherichia coli* Translocation. *Infect. Immun.*, 76: 3390–3398.
- Landecker, E.M. 1972 . *Fundamental of the Fungi* . Prentice Hall Inc. NewYork University. NewYork . USA. pp . 59-61 .
- Lastovica, A.J. dan Allos, B.M. 2008. Clinical significance of *Campylobacter* and related species other than *Campylobacter jejuni* and *Campylobacter coli*. In: Nachamkin, I, Szymanski, C.M, Blaser, M.J, editors. *Campylobacter*. 3rd ed. Washington, DC: ASM Press; p. 123-149.
- Laurence, D. R. and Bennet P. N. 1987. *Clinical Pharmacology*. Sixth Edition. Churchill livingstone, Edinburgh.
- Lesson, S. and J. D. Summer. 2000. Production and carcass characteristic of the broiler. *Poult. sci.* 59: 786-798.
- Life Source Basic. 2002. WGP. Beta glucan. [http: www. Life Source Basic.com/beta_glucan.htm](http://www.LifeSourceBasic.com/beta_glucan.htm). Diakses 27 April 2019.
- Lodder, J. 1970. *The yeast: a taxonomic study second revised and Enlarged Edition* . The Netherland, Northolland Publishing Co., Amsterdam.
- Lodemann, U. 2010. *Effects of Probiotics on Intestinal Transport and Epithelial Barrier Function*. pp. 303 et seq. in: *Bioactive Foods in Promoting Health: Probiotics and Prebiotics*. Academic Press, Waltham, USA.
- Lorençon, I., Nunes, R.V., Pozza, P.C. 2007. Utilização de promotores de crescimento para frangos de corte em rações fareladas e peletizadas. *Acta Scientiarum Animal Science*, 29 (2); 151-158.
- Maron, D. F., Smith, T. J., Nachman, K. E. 2013. Restrictions on antimicrobial use in food animal production: an international regulatory and economic survey. *Global. Health* 9 : 48.
- Markovic, R.,Šefer, D.,Krstic, M. and Petrujkic, B. 2009. Effect of different growth promoters on broiler performance and gut morphology. *Arch. Med. Vet.* 41: 163-169.

McClure P and Blackburn. 2003. *Campylobacter* and *Arcobacter*. Di dalam Blackburn C dan McClure P.J (Eds). *Foodborne Pathogen Hazards, Risk Analysis and Control*. Woodhead Publishing Ltd., Cambridge, England.

McSweegan, E and Walker, R. I. 1986. Identification and Characterization of two *Campylobacter jejuni* adhesins for cellular and mucous substrates. *Infection and Immunity*. 53(1): 141-148.

Medicinus. 2009. Probiotik : Problematika dan Progresivitasnya. *Bakteri Probiotik Meningkatkan Imunitas Tubuh*, Vol.22 No.3, 47-48.

Meinersmann, R. J.,Helsel, L. O., Fields, P. I., Hiatt, K. L. Discrimination of *Campylobacter jejuni* isolates by flagene sequencing. *J Clin Microbiol* 1997;35:2810-4.

Miller, W. G., and R. E. Mandrell. 2004. *Campylobacter* in the food and water supply: prevalence, outbreaks, isolation, and detection, p. 109-163. In J. Ketley and M. E. Konkel (ed.), *Campylobacter jejuni: new perspectives in molecular and cellular biology*. Horizon Scientific Press, Norwich, United Kingdom.

Moore JE, Corcoran D, Dooley JS, Fanning S, Lucey B, Matsuda M, McDowell DA, Megraud F, Millar BC, O'Mahony R, O'Riordan L, O'Rourke M, Rao JR, Rooney PJ, Sails A, Whyte P. 2005. *Campylobacter*. *Vet Res*. 36:351–382.

Moore, J., Caldwell, P. and Millar, B. 2001. Molecular detection of *Campylobacter spp.* in drinking, recreational and environmental water supplies. *Int J Hyg Environ Health*. 204: 185-189.

Moore, J.E., Corcoran, D., Dooley, J. S. G., Fanning, S., Lucey, B., Matsuda, M., McDowell, D.A., Megraud, F., Millar, B.C., Mahoney, R.O., Riordan, L.O., Rourke, M.O., Rao, J.R., Sails, A., and Whyte, P. 2005. *Campylobacter*. *Vet. Res*. 36, 351–382.

Murtidjo, B.A. 1992. *Turunkan Cholesterol Ayam Kampung Denganlisin*. *Poultry Indonesia*, dan Semptember.68-69

Murtidjo, B.A. 1987. *Pedoman Meramu Pakan Unggas*. Penerbit Kanisius, Yogyakarta.

Munaf, S., 1994, *Catatan Kuliah Farmakologi*, EGC Press, Hal. 178.

Nachamkin, I., Szymanski, M.C., Blaser, J.M. 2008. *Campylobacter*, 3rd ed.; ASM Press: Washington DC, USA.

- Naseri, K. G., Rahimi, S. and Khaki, P. 2012. Comparison of the Effects of Probiotic, Organic Acid and Medicinal Plant on *Campylobacter jejuni* Challenged Broiler Chickens. *J. Agr. Sci. Tech.* Vol. 14: 1485-1496.
- Nahashon, S.N., Nakaue, H.S and Mirosh, L.W. 1992. Effect of direct fed microbials on nutrient retention and production parameters of laying pullets. *J Poult. Sci.*,71 (suppl.1): 111 (Abstr).
- Nahashon S.N., Nakaue, H.S and Mirosh, L.W. 1993. Effect of direct fed microbials on nutrient retention and production parameters of Single Comb White Leghorn pullets. *J Poult. Sci.*,72 (suppl.1): 87(Abstr).
- Newell, D.G., McBride, H. and Dolby, J.M. (1985) Investigations on the role of flagella in the colonization of infant mice with *Campylobacter jejuni* and attachment of *Campylobacter jejuni* to human epithelial cell lines. *Journal of Hygiene* 95, 217-227.
- Ngoh, M., Wrzesinski, C., Yang, Y., Zschiesche, E., Madsen, T., Stephenson, C., Newman, L., and Deetz, L. 2018. Evaluation of the Presence and Level of Enramycin in Broiler Tissues Following In-Feed Administration at Therapeutic Dose. *J. Appl. Poult. Res.* 27:449-452.
- Nikon. 2004. *Saccharomyces Yeast Cells* : Nikon Microscopy . Phase Contrast Image Gallery .
[http://www.microscopy.com/galleries/pliasecontrast/saccharomvcessmall.\)](http://www.microscopy.com/galleries/pliasecontrast/saccharomvcessmall.) html.
- Noor, SM., L. Parede, M. Poeloengan, Andriani, T. Syafriati, S. Wahyuwardani, dan Y. Sani. 2000. Uji pertumbuhan *Campylobacter* spp. dari kasus kekerdilan terhadap ayam pedaging Prosiding Seminar Nasional Peternakan dan Veteriner. Pusat Penelitian Peternakan, Badan Penelitian dan Pengembangan Pertanian, Departemen Pertanian, Bogor: 520-524.
- North, M. O. and Bell, D. D. 1990. *Commercial Chicken Production Manual*. 4Th Edition. Van Nostrand. Reinhold, New York.
- Ogunwole, O. A., Abu, O. A. dan Adepoju, I.A. 2011. Performance and Carcass Characteristics of Broiler Finisher Feed Acidifier Based Diets. *Pak. J. of Nut.* 10 (7) : 631-636.
- OIE - OFFICE INTERNATIONAL DES EPIZOOTIES. 2008. *Campylobacter jejuni* and *Campylobacter coli*. In OIE Terrestrial Manual Chapter 2.9.3., p. 1185-1191.
- Page. 2003. *The Role of Enteric Antibiotics in Livestock Production*. Avcare Limited Canberra, Australia. Pp. 113, 216.

- Palupi, A., Hadi, H, H., dan Soenarto, S.S. 2009. Status Gizi dan Hubungannya dengan Kejadian Diare pada Anak Diare Akut di Ruang Rawat Inap RSUP Dr. Sardjito Yogyakarta. *J. Gizi Klinik Indonesia*, 6 (1) : 1-7. Jakarta.
- Permentan. 2017. Peraturan Menteri Pertanian Republik Indonesia Nomor 14/PERMENTAN/PK.350/5/2017 tentang klasifikasi obat hewan.
- Piva, G. dan F. Rossi. 2004. Possible alternatives to the use of antibiotics as growth promoters. *New Additives. CIHEAM-Optioncav*.
- Poloengan M, Noor SM, Komala I, Andriani. 2005. Patogenesis *Campylobacter* terhadap hewan dan manusia Prosiding Lokakarya Nasional Keamanan Pangan Produk Peternakan, Bogor, 14 September 2005. Pusat Penelitian dan pengembangan Peternakan, Bogor. hlm. 82-90
- Pond, W. G., Church, D.C. and Pond, K. R. 1995. *Basic Animal Nutrition and Feeding. 4th Edition. John Wiley and Sons*, New York.
- Pothoulakis, C. 2009. Review article: anti-inflammatory mechanisms of action of *Saccharomyces boulardii*. *Aliment Pharmacol Ther.* 30: 826–33. pmid:19706150.
- Pudjarwoto, T., Simanjuntak, C.H., Raharjo, E., Suharyono, W., Sutoto., dan harjining, S., 1991. Infeksi Bakteri Enteropatogen pada Penderita Diare Golongan Umur Balita di Daerah Jawa Barat dan pola Resistensinya terhadap Antibiotik. *Cermin Dunia Kedokteran*, No. 72 hal 32.
- Rajab, F. 2004. Isolasi Dan Seleksi Bakteri Probiotik Dari Lingkungan Tambak Dan Hatchery Untuk pengendalian Penyakit Vibriosis Pada Larva Udang Windu. Skripsi. Departemen Budidaya Perairan, Fakultas Perikanan Dan Ilmu Kelautan, Institut Pertanian Bogor.
- Rasyaf, M. 1994. Makanan Broiler. Kanisius. Yogyakarta.
- Rasyaf, M. 2008. *Panduan Beternak Ayam Pedaging*. Penebar Swadaya. Jakarta; 5-17.
- Reed, G. and Nagodawithana, T.W. 1991 . *Yeast Technology* . god edition . Van Nostrad, Rein Hold. NewYork. USA.
- Rowghani, E., M. Arab, A. And Akbarian. 2007. Eff ects of a probiotic and other feed additives on performance and immune response of broiler chicks. *Int. J Poult. Sci.* 4: 261-265.
- Ruiz-Palacios, G.M., Escamilla, E. and Torres, N. 1981. Experimental *Campylobacter* diarrhea in chickens. *Infection and Immunity*, 34, 250-255

- Saarela, M., G. Mogensen, R. Fonden, J. Matto and T. Mattila - Sandholm, 2000. Probiotic bacteria: safety, functional and technological properties. *J. Biotechnol.*, 84: 197-215.
- Sahin, O., Morishita, T., and Zhang Q. 2003. *Campylobacter* colonization in poultry: Sources of infection and modes of transmission. *Anim. Health Res. Rev.* 3: 95-105.
- Sarangi, N.R., Babu, L.K., Kumar, A., Pradhan, C.R., Pati, P.K. and Mishra, J.P. 2016. Effect of dietary supplementation of prebiotic, probiotic, and synbiotic on growth performance and carcass characteristics of broiler chickens. *Vet World.* 9(3): 313–319.
- Santin, E., Maiorka, A., Macari, M., Crecco, M., Sanchez, J.C, Okada, T.M., Myasaka, A.M. 2001. Performance and intestinal mucosa development in broiler chickens fed ration containing *Saccharomyces cerevisiae* Cell Wall. *J. Appl. Poult. Res.* 10 :236-244.
- Santoso, U. 2009. Pengaruh tipe kandang dan pembatasan pakan di awal pertumbuhan terhadap performans dan penimbunan lemak pada ayam pedaging. unisexed. *Jurnal Ilmu dan Veteriner* 7: 84-89.
- Sanyal, S.C., Islam, K. M. N., Neogy, P. K. B. Islam, M., Speelman, P. And Huq, M. I. 1984. *Campylobacter jejuni* diarrhea model in infant chickens. *Infection and Immunity* 43(3), 931-936.
- Setiabudy, R. 2012. Antimikroba. Dalam: Gunawan SG, Setiabudy R, Nafrialdi, Elysabeth. *Farmakologi dan terapi*. Ed ke-5. Jakarta: Fakultas Kedokteran Universitas Indonesia.
- Shane, SM. 2000. *Campylobacteriosis*. Dalam: *Disease of Poultry*. Ed ke-9. University Pr Iowa State. 236-246.
- Shankar, P. A., Premavalli, K., Omprakash, A.V., John J., Kirubakaran and Hudson, G. H. 2017. Effect of dietary yeast supplementation on the production performance of Broilers. *IJABR*, 7: 222-228
- Shareef, A. M., dan Al-Dabbagh, A. S. 2009. Effect probiotic (*Saccharomyces cerevisiae*) on performance of broiler chicks. *Iraqi Journal of Veterinary Sciences*, Vol. 23, Supplement I, 23-29.
- Shimeld, L.A. 1999. *Essential of Diagnostic Microbiology*. Delmar Publisher. USA.
- Soeharsono. 2010. *Probiotik: Basis Ilmiah Aplikasi dan Aspek praktis*. Widya Padjajaran. Bandung. Hal 7-11.

- Sofyan, O. 2003. Kajian Probiotik (*Aspergillus niger* dan *Bacillus* sp.) sebagai Imbuhan Ransum dan Implikasinya terhadap Mikroflora Usus serta Penampilan Produksi Ayam Petelur. Disertasi, Universitas Padjadjaran, Bandung.
- Stern, N., Patton, C., Doyle, M., Park, C. and McCardell, B. 1992. "*Campylobacter*" pp. 475-495 In: Compendium for the microbiological examination of foods (Doores, S., Gabis, D., Ito, K., Jackson, G., Splittstoess, D., Troller, J. and Vanderzant, C.) American Public Health Association, Washington DC, US.
- Stern, N.J., Clavero, M.R., Bailey, J.S, Cox, N.A and Robach, M.C. 1995. *Campylobacter* spp. in broiler and after transport. *J Poultry Science* 74(6), 937-941.
- Stern, N. J. and Kazmi. S. U. 1989. *Campylobacter jejuni*. Dalam: *Foodborne Bacterial Pathogens*. Marcell Dekker. New York. 71-110.
- Stern, N.J., Fedorka-Cray, P., Bailey, J.S., Cox, N.A., Craven, S.E., Hiatt, K.L., Musgrove, M.T., Ladely, S., Cosby, D., Mead, G.C. 2001. Distribution of *Campylobacter* spp. in selected U.S. poultry production and processing operations. *J. Food Protect* 64: 1705–1710.
- Sugiarto, B. 2008. Performa Ayam Broiler dengan Pakan Komersial yang mengandung Tepung Kemangi (*Ocimum basilicum*). Skripsi. Fakultas Peternakan. Institut Pertanian Bogor.
- Supartono. 2001. Teknik Isolasi *Campylobacter jejuni* dari Usus Ayam Penderita Sindroma Kekerdilan . Temu teknis fungsional non peneliti: hal 192-193.
- Syukron, M. 2006. Kandungan lemak dan kolesterol daging serta persentase organ dalam ayam broiler yang diberi ransum finisher dengan penambahan kepala udang. Skripsi. Fakultas Peternakan. Institut Pertanian Bogor.
- Talkim, D., Rosyidi, D. dan Achmanu. 2013. Pengaruh Penggunaan Pokem (*Setaria itlica* sp) sebagai Substitusi Jagung Dalam Pakan terhadap Kualitas Fisik Daging Bagian Dada Ayam Pedaging. Universitas Brawijaya. Malang.
- Tortora, Funke and Case. 2004. *Microbiology an Introduction Eight Edition*. Pearson Education, Inc. San Francisvo.
- Vandeplass, S., C. Marcq, RD. Dauphin, YBP. Thonart, and A. Thewis. 2008. Contamination of Poultry flocks by the human pathogen *Campylobacter* spp. and strategies to reduce its prevalence at the farm level. *Biotechnology, Agronomy, Society and Environment* 12(3), 317-334.

- Wahyuni, E. T. 2004. Pengaruh penggunaan Wheat Pollard (dedak gandum) Terfermentasi Terhadap Performan Produksi Ayam Arab. *Skripsi*. Tidak diterbitkan. Surakarta. Fakultas Pertanian Universitas Sebelas Maret.
- Wassenaar, T. M. 1997. Toxin production by *Campylobacter*. *Clinical Microbiology Reviews* 10, 466-476.
- Weiss, D.J. dan Wardrop, K.J. 2010. *Schalm's Veterinary Hematology 6th ed.* Wiley-Blackwell, Iowa.
- Welkos, S.L. 1984. Experimental gastroenteritis in newly-hatched chicks injected with *Campylobacter jejuni*. *Journal of Medical Microbiology*, 18:233-24
- Wesley I. 2009. Public health impact of foodborne illness: impetus for the international food safety effort; food safety issues and the microbiology of poultry. Di dalam: Heredia N, Wesley I, dan Garcia S, editor. *Microbiologically Safe Foods New Jersey: J Wiley Publ.* hlm 5-6; 171-172.
- Whitehouse, C. A., Balbo, P. B., Pesci, E. C., Cottle, D. L., Mirabito, P. M. and Pickett, C. L. 1998. *Campylobacter jejuni* cytolethal distending toxin causes a G2-phase cell cycle block. *Infection and Immunity* 66:1934-1940.
- Winarsih, W. 2005. Pengaruh probiotik dalam pengendalian Salmonellosis subklinis pada ayam: gambaran patologis dan performa [*Disertasi*]. Bogor: Sekolah Pascasarjana, Institut Pertanian Bogor.
- Wongsa, P., and P. Werukhamkul, 2007. *Product Development and Technical Service*, Biosolution International. Thailand: Bangkok Industrial Park.
- Yeo, J. and K. Kim. 1997. Effect of feeding diets containing antibiotics, a probiotic or *Yucca* extract on growth and intestinal urease activity in broiler chicks. *J Poult. Sci.* 76: 381-385.
- Yuwanta, T. 2004. *Dasar Ternak Unggas*. Fakultas Peternakan. Kanisius, Yogyakarta.
- Zhang, A. W., Lee, B. D., Lee, S. K., Lee, K. W., An G. H, Song, K. B and Lee, C. H S. 2005. Effect of yeast (*Saccharomyces cerevisiae*) on growth performance meat quality, and ileal mucosa development of broiler chicks. *J Poult Sci.* 84(7):1015-21.