

DAFTAR PUSTAKA

- Ahmad, R.Z. 2009. Cemaran Kapang Pada Pakan Dan Pengendaliannya. Balai Besar Penelitian Veteriner. Bogor.
- Allameh, A., M. Farahani, A. Zarghi. 2000. Kinetic studies of aflatoxin B1-glutathione conjugate formation in liver and kidneys of adult and weanling rats. *Mech. of Ageing and Dev.* 115, 73-83.
- Anal, A. K. and Singh, H. 2007. Recent Advances in Microencapsulation of Probiotics for Industrial Applications and Targeted Delivery. *Trends in Food Science & Technology.* 18: 240-251.
- Bata, A. dan R. Lasztity. 1999. Detoxification of mycotoxin contaminated food and feed by microorganism. *Trends in Food Science and Technology.* 10: 223-228.
- Bbosa, G.S., D.D. Kitya, A. Lubega, J. Ogwal-Okeng, W.W. Anokbonggo, and D.B. Kyegombe. 2013. Review of the biological and health effects of aflatoxins on body organs and body systems: Aflatoxins-Recent advances and future prospects. *Intechopen Publisher.* 12: 239-265.
- Bouton, P.E., P.V. Harris, and W.R. Shorthose. 1971. Effect of pH upon the water holding capacity and tenderness of mutton. *J. Food Sci.* 36: 435-439.
- Bryden, W.L. 2012. Mycotoxin contamination of the feed supply chain: Implications for animal productivity and feed security. *Animal Feed Science and Technology.* 173:134–158.
- Buckle, K.A., R.A. Edwards, G.H. Fleet dan M. Wooton. 1985. Ilmu Pangan. Penerbit University Press.
- Calvo, A.M. dan S. Dhingra. 2011. Aflatoxins biochemistry and molecular biology: Conserved regulatory mechanisms controlling aflatoxin and sterigmatocystin biosynthesis. *Intech.* pp. 3-20.
- Choudhari, A., S. Shinde, dan B. N. Ramteke. 2008. Probiotics and probiotics as health promoter. *Veterinary World.* 1:59-61.
- Delgado-Virgen, F. dan D. Guzman-de-pena. 2009. Mechanism of sterigmatocystin biosynthesis regulation by pH in *Apergillus nidulans*. *Brazilian J. Microbiol.* 40 (4): 933-942.
- Denli, M., J.C. Blandon, M.E. Guynot, S. Salado, and J.F. Perez. 2009. Effects of dietary AflaDetox on performance, serum biochemistry, histopathological changes, and aflatoxin residues in broilers exposed to aflatoxin B1. *Poult. Sci.* 88(7): 1444-1451.
- Diaz, G.J dan H.W. Murcia. 2011. Aflatoxins Biochemistry and molecular biology: Biotransformation of aflatoxin B1 and its relationship with the differential toxicological response to aflatoxin in commercial

- poultry species. Intech.: 3-20.
- Diener, U.L. and N. Davis. 1969. Aflatoxin formation by *Aspergillus flavus*. In: Aflatoxins. Goldblatt L.A. (Ed.). Academic Press, New York. Pp. 77-105.
- FAO/WHO. 2001. Probiotic in food: Health and nutritional properties and guide lines for evaluation. World Health Organization/ Food and Agriculture Organization of United The Nations. Rome.
- Flores-Flores, M.E., E. Lizarraga, and A.L de Cerain. 2015. Presence of mycotoxin in animal milk: A review. Food Control 53: 163-176.
- Forrest, J.C., E.D. Aberle, H.B. Hedrick, M.D. Judge, and R.A. Merkel. 1975. Principle of Meat Science. W. H. Freeman and Co., San Fransisco.
- Gerez, C.L., M.I. Torino, G. Rollán, and G.F. de Valdez. 2009. Prevention of bread mould spoilage by using Lactic acid bacteria with antifungal properties. Food Control. 20: 144-148.
- Ghadban, G. S. 2002. Probitics in broiler production- a review. Verlag Eugen Ulmer GmbH & Co Stuttgart. 66(2):49-58
- Gustiani, E. 2009. Pengendalian Cemaran Mikroba Pada Bahan Pangan Asal Ternak (Daging Dan Susu) Mulai Dari Peternakan Sampal Dihidangkan. Jurnal Litbang Pertanian, 28(3)
- Harimurti dan Widodo. 2015. Beneficial Microorganisms in Agriculture, Aquaculture and Other Areas: Probiotic in poultry. Chapter 1: 1-21
- Haskard, C., C. Binnion, and J. Ahokas. 2000. Factor affecting the sequestration of aflatoxin by *Lactobacillus rhamnosus* strain GG. Chem. Biol. Interact. 128:39-49.
- Hathout, A.S., S.R. Mohameda, A.A. El-Nekeety, N.S. Hassan, S.E. Aly, and M.A. Abdel-Wahhab. 2011. Ability of *Lactobacillus casei* and *Lactobacillus reuteri* to protect against oxidative stress in rats fed aflatoxins-contaminated diet. Toxicol. 58: 179-186.
- Hernandez-Mendoza, A., H. S. Garcia, and J. L. Steele. 2009. Screening of *Lactobacillus casei* strain s for their ability to bind aflatoxin B1. Food Chem. Toxicol. 47:1064-1068.
- Iswari, K. 2006. Kontaminasi Aflatoxin pada Pakan Ternak. Prosiding Peternakan. Balai Pengkajian Teknologi Pertanian Sumatra Barat.
- Josephy, P.D. and B. Mannervik. 2006. Molecular Toxicology. 2nd ed. Oxford University Press, New York. ISBN 978-0-19-517620-9.
- Kartikasari, L.R. 2000. Kinerja, perlemakan dan kualitas daging ayam broiler yang mendapat suplementasi metionin pada pakan berkadar protein rendah. Tesis. Program Pascasarjana Universitas Gadjah Mada, Yogyakarta.

- Kasmani, F. B., M. A. K. Torshizi, A. Allameh, and F. Shariatmadari. 2012. A novel aflatoxin-binding *Bacillus* probiotic: performance, serum biochemistry, and immunological parameters in Japanese quail. *Poult. Sci.* 91: 1864-1853.
- Kim, J.E., M.M. Bauer, K.M. Mendoza, K.M. Reed, and R.A. Coulombe. 2010. Comparative genomics identifies new Alpha class genes within the avian glutathione S-transferase gene cluster. *Gene.* 452 (2): 45-53.
- Krasaekoopt, W., Bhandari, B., and Deeth, H. (2003). Evaluation of encapsulation techniques of probiotics for yoghurt. *Int. Dairy J.* 13, 3–13. doi: 10.1016/S0958- 6946(02)00155-3
- Lawrie, R.A. 2003. Ilmu Daging. Edisi ke-5. Penerjemah Parakkasi, A. dan Y. Amwila. Universitas Indonesia Press, Jakarta.
- Liu, Y. dan F. Wu. 2010. Global burden of aflatoxin-induced hepatocellular carcinoma: A risk assessment. *Environ. Health Perspect.* 118: 818-824.
- Lu, S.C. 1999. Regulation of hepatic glutathione synthesis: current concepts and controversies. *FASEB Journal.* 13(10): 1169-83(Abstr.).
- Marrudin, F. 2004. Kualitas daging sapi asap pada laama pengasapan dan penyimpanan. *Jurnal Sains dan Teknologi* 4: 83-90.
- Mohammed, A.M. and N.S. Metwally. 2009. Antiaflatoxicogenic activities of some aqueous plant extracts against AFB1 induced renal and cardiac damage. *J. Pharmacology and Toxicology* 4: 1-16.
- Nezami, H., H. Mykkenen, P.E. Kankaanpaa, S. Salminen, and J.T. Ahokas. 2000. Ability of *Lactobacillus* and *Propionibacterium* strains to remove aflatoxin B1 from the chicken duodenum. *J. Food Protection* 63 (4): 549-552.
- Oatley, J.T., M.D. Rarick, G.E. Ji, and J.E. Linz. 2000. Binding of aflatoxin B1 to Bifido-bacteria in vitro. *J. Food Prot.* 63:1133-1136.
- Pandey, I. and S.S. Chauhan. 2007. Studies on production performance and toxin residues in tissues and eggs of layer chickens fed on diets with various concentrations of aflatoxin AFB1. *Br. Poult. Sci.* 48:713-723.
- Soeparno. 2005. Ilmu dan Teknologi Daging. Edisi Keempat. Gajah Mada University Press. Yogyakarta.
- Suparto, D.A.H. 2004. Situasi Cemaran Mikotoksin Pada Pakan Di Indonesia Dan Perundang Undangannya. Prosiding Seminar Parasitologi dan Toksikologi Veteriner.
- Suradi, K. 2006. Perubahan Sifat Fisik Daging Ayam Broiler Post Mortem Selama Penyimpanan Temperatur Ruang. *Jurnal Ilmu Ternak.* 6(1):

23–27.

- Tambunan. 2009. Keempukan Daging dan Faktor-Faktor Yang Mempengaruhinya. Tersedia pada: <http://lampung.litbang.Pertanian.go.id/ind/index.php/publikasi/prosiding/53-keempukan-daging-dan-faktor-faktor-yang-mempengaruhinya>. Diakses pada 16 Agustus 2017.
- Topcu, A., T. Bulat, R. Wishah, and I.H. Boyacı. 2010. Short Communication: Detoxification of aflatoxin B1 and patulin by *Enterococcus faecium* strains. *Int. J. Food Microbiol.* 139: 202-205.
- Yang, E.J. and H.C. Chang. 2010. Purification of a new antifungal compound produced by *Lactobacillus plantarum* AF1 isolated from kimchi. *Int. Food Microbiol.* 139: 56-63.
- Yunianta, Agus. A, Nuryono and Zuprizal. 2010. The effect of methionine on glutathion production to eliminate aflatoxin B1 toxicity. *International Seminar on Tropical Animal Production Community Empowerment and Tropical Animal Industry*. Yogyakarta.
- Yunus, A.W., E. Razzazi-Fazeli, and J. Bohm. 2011. Aflatoxin B1 in affecting broiler's performance, immunity, and gastrointestinal tract: A review of istory and contemporary issues. *Toxins* 3: 566-590.
- Yusuf. A. 2016. Performa Ayam Broiler Yang Diberi Pakan Mengandung Aflatoxin B1 Dengan Suplementasi Metionin Dan Bakteri Asam Laktat. Skripsi Sarjana Peternakan Unversita Gadjah Mada.
- Zhang, L., Y. Yangfang, A. Yangpen, T. Yuan, W. Yulan, and T. Huirung. 2010. Systems Responses of Rats to Aflatoxin B1 Exposure Revealed with Metabonomic Changes in Multiple Biological Matrices. *J. Proteome Res.* 10: 614-623.