

DAFTAR PUSTAKA

- Abun, 2006, Efek Pengolahan Secara Kimia dan Biologi Terhadap Kandungan Gizi dan Nilai Energi Metabolis Limbah Ikan Tuna Pada Ayam Broiler, *Jurnal Bionatura*, **Vol. 03(VII)**: 282.
- Adam, J.M., 2009, *Buku Ajar Ilmu Penyakit Dalam Jilid III Edisi V*, Balai Penerbit FKUI, Jakarta.
- Afriani, Suryono dan Lukman, H., 2011, *Karakteristik Dadih Susu Sapi Hasil Fermentasi Beberapa Starter Bakteri Asam Laktat yang Diisolasi dari Dadih Asal Kabupaten Kerinci*, **Vol. 01(1)**: 36 – 42, Laboratorium Teknologi Hasil Ternak Fakultas Peternakan, Jambi.
- Ahsani, M., Iriyanti, N., Mugiyono, S., 2013, Penggunaan Berbagai Jenis Probiotik dalam Ransum terhadap Kadar Lemak dan Kolesterol Kuning Telur Ayam Arab, *Jurnal Ilmiah Peternakan*, **Vol. 01(1)**: 323 – 331.
- Alexopoulos, C.J., and Mims, C.W., 1979, *Introductory Mycology*, John Wiley and Sons, New York.
- Aly, S.M., Ahmed, Y.G., Ghareeb, A.A., 2008, Studies On *Bacillus subtilis* and *Lactobacillus acidophilus*, As Potential Probiotics, On the Immune Response and Resistance of Tilapia Nilotica (*Oreochromis niloticus*) to Challenge Infections, *Fish & Shellfish Immunology*, **Vol. 25**: 128 – 136.
- Anggorodi, R., 1985, *Kemajuan Mutakhir dalam Ilmu Makanan Ternak Unggas*, Universitas Indonesia, Jakarta.
- Anonim, 2013, *Itik PMp, Alternatif Penyedia Daging dan Telur Unggas*, <http://www.litbang.pertanian.go.id/info-aktual/1434/>, 23 Juni 2019.
- Barrios-González, J. and Miranda, R.U., 2010, Biotechnological Production and Applications of Statins, *Applied Microbiology and Biotechnology*, **Vol. 85**: 869 – 883.
- Bell, D.D., Weaver, W.D., and North, M.O., 2002, Commercial Chicken Meat and Egg Production 5th Edition, *Springer Science and Business Media, Inc.* Spring Street, New York.
- Buchanan, R.E., Gibbons, N.E., 1974, *Bergey's Manual of Determinative Bacteriology 2nd Edition*, Baltimore, The William & Wilkins Company, USA.

- Callaway, E.S., and Martin, S.A., 1997, Effects of a *Saccharomyces cerevisiae* Culture on Ruminant Bacteria That Utilize Lactate and Digest Cellulose, *J. Dairy Sci.*, **Vol. 80(9)**: 2035 – 2044.
- Chaitow, L. and Trener, N., 1990, *Probiotics*, Thorsons, London.
- Chakravarti, R., and Sahai, V., 2004, Compactin-a review, *Applied Microbiology and Biotechnology*, **Vol. 64**: 618 – 624.
- Chaucheyras-Durand, F., and Fonty, G., 2006, Effects and Modes of Action of Live Yeasts in the Rumen*, *Biologia*, **Vol. 61(6)**: 741 – 750.
- David, M., 2013, Analisis Risiko Produksi pada Peternakan Ayam Broiler di Kampung Kandang, Desa Tegal, Kecamatan Kemang, Kabupaten Bogor, Jawa Barat, [*Skripsi*], Fakultas Ekonomi dan Manajemen, Institut Pertanian Bogor, Bogor.
- De Vos, P., Garrity, G.M., Jones, D., Krieg, N.R., Ludwig, W., Rainey, F.A., Schleifer, K. and Whitman, W.B., 2009, *Bergey's Manual of Systematic Bacteriology 2nd Edition*, The Firmicutes, Springer, USA.
- Dommels, Y.E.M., Kemperman, R.A., Zebregs, Y.E.M.P., Draaisma, R.B., Jol, A., Wolvers, D.A.W., Voughan, E.E., and Albers, R., 2009, Survival of *Lactobacillus reuteri* DSM 17938 and *Lactobacillus rhamnosus* GG in the Human Gastrointestinal Tract with Daily Consumption of a Low-Fat Probiotic Spread, *Applied and Environmental Microbiology*, **Vol. 75(19)**: 6198 – 6204.
- Djouvinov, D., Boicheva, S., Simeonova, T., Vlaikova, T., 2005, Effect of Feeding Lactina Probiotic On Performance, Some Blood Parameters and Caecal Microflora of Mule Ducklings, *Trakia Journal of Sciences*, **Vol. 3(2)**: 22 – 28.
- Duthie, I.F. and Barlow, S.M., 1992, Dietary Lipid Exemplified by Fish Oil and Their N-3 Fatty Acids, *Food Science and Technology Today*, **Vol. 6**: 20 – 35.
- Fadhilah, A.N., Hafsan, Nur, F., 2015, *Penurunan Kadar Kolesterol oleh Bakteri Asam Laktat Asal Dangke secara In Vitro*, Prosiding Seminar Nasional Mikrobiologi Kesehatan dan Lingkungan, Biologi Fakultas Sains dan Teknologi, UIN Alauddin, Gowa, Makassar.
- Fardiaz, S., 1992, *Mikrobiologi Pangan I*, Gramedia Pustaka Utama, Jakarta.

- Feliatra, I., Efendi, E., Suryadi, 2004, Isolasi dan Identifikasi Bakteri Probiotik dari Ikan Kerapu Macan (*Ephinephelus fuscogatus*) dalam Upaya Efisiensi Pakan Ikan, *Jurnal Nature Indonesia*, **Vol. 6(2)**: 75 – 80.
- Gaggia, F., Mattarelli, P., and Biavati, B., 2010, Probiotic and Prebiotics in Animal Feeding for Safe Food Production, *Intl. Journal Food Microbiology*, **Vol. 14**: 515 – 528.
- Haetami, K.A., dan Mulyani, Y., 2008, Studi Pembuatan Probiotik (*Bacillus licheniformis*, *Aspergillus niger*, dan *Saccharomyces cerevisiae*) sebagai Feed Supplement serta Implikasinya terhadap Pertumbuhan Ikan Nila Merah, [*Laporan Penelitian*], Fakultas Perikanan dan Ilmu Kelautan Universitas Padjadjaran, Bandung.
- Haro, C.V., 2005, Interaction Between Dietary Polyunsaturated Fatty Acids and Vitamin E in Body Lipid Composition and A-Tocopherol Content of Broiler Chickens, [*Thesis*], Universitat Autònoma de Barcelona, Spain.
- Harvey, R.A., and Denise R.F., 2011, *Lippincott's Illustrated Reviews: Biochemistry, Fifth Edition*, Lippincott Williams & Wilkins, a Wolters Kluwer Business, Philadelphia, Pennsylvania.
- Hassan, K.H., Ali, M.M., 2017, The Performance of Ross 308 and Arbor Acres Broiler Breeder and their Commercial Broiler in Iraq, *Journal of Global Pharma Technology*, **Vol. 12(09)**: 376 – 379.
- Helferich, W., and Westhoff, D., 1980, *All About Yogurt*, Prentice Hall, Inc, Englewood Cliff, New Jersey.
- Hidayat, C., 2015, Penurunan Deposit Lemak Abdominal pada Ayam Pedaging Melalui Manajemen Pakan, *WARTAZOA*, **Vol. 25(3)**: 125 – 134.
- Ihsan, F.N., 2006, Persentase Bobot Karkas, Lemak Abdomen dan Organ Dalam Ayam Broiler dengan Pemberian Silase Ransum Komersial, [*Skripsi*], Fakultas Peternakan Institut Pertanian Bogor, Bogor.
- Jouany, J.P., and Doreau, M., 1999, Effect of a *Saccharomyces cerevisiae* Culture on Nutrient Digestion in Lactating Dairy Cows, *Journal of Dairy Science*, **Vol. 81(12)**: 3214 – 3221.
- Kanbe, M., 1992, Functions of Fermented Milk: Challenges for The Health Sciences (Ed. Y. Nakazawa and A. Hosono), *Elsevier Appl. Publ.*, London.
- Kedi, S., 1980, Duck In Indonesia, *Poultry Indonesia* Nomor 4.

- Lairin, F.D., Lyrawati, D., Soeharto, S., 2016, Ekstrak Daging Putih Semangka (*Citrulus vulgaris*) Menurunkan Kolesterol Total dan Aktivitas *Hidroksi-Metilglutaril-KoA Reduktase Tikus* Hiperkolesterolemia, *Jurnal Kedokteran Brawijaya*, **Vol. 29(2)**: 104 – 109.
- Majeed, A.A., 2018, Cloning and Overexpression of *Lactobacillus acidophilus* Bile Salt Hydrolase A Gene (BSHa) in *Escherichia coli*, [Master Thesis], Bioengineering and Sciences, Kahramanmaraş Sütçü İmam University, Baghdad.
- Malaka, 1997, Effect of Curdian, A Bacterial Polysaccharide on the Physical Properties and Micro-structure of Acid Milk Curd by Lactid Acid Fermentation, [Master Thesis], Faculty of Agriculture, Miyazaki University, Japan.
- Matitaputty, P.R., dan Suryana, 2010, Karakteristik Daging Itik dan Permasalahan Serta Upaya Pencegahan Off-Flavor Akibat Oksidasi Lipida, *WARTAZOA*, **Vol. 20(3)**: 130 – 138.
- Mulyani, S., Legowo, A.M., Mahanani, A.A., 2008, Viabilitas Bakteri Asam Laktat, Keasaman dan Waktu Pelelehan Es Krim Probiotik menggunakan Starter *Lactobacillus casei* dan *Bifidobacterium bifidum*, *Journal of the Indonesian Tropical Animal Agriculture*, **Vol. 33(2)**: 120 – 125.
- Mutai, M., 1981, *The Properties of Lactobacillus Product "Yakult 80" (Japanese)*, New Food Industries.
- Neal, M.J., 2006, *At a Glance Farmakologi Medis Edisi Kelima*, Penerbit Erlangga, Jakarta.
- North, M.O., 1978, *Commercial Chicken Production Manual 2nd Edition*, *Avi Publ. Co., Inc.*, Westport, CT: 31 – 8-321.
- Nuraida, L., Siti, W., Hana, dan Endang, P., 2011, Evaluasi In Vitro terhadap Kemampuan Isolat Bakteri Asam Laktat Asal Air Susu Ibu untuk Mengasimilasi Kolesterol dan Mendekonjugasi Garam Empedu, *Jurnal Teknologi dan Industri Pangan*, **Vol. 22(1)**.
- Oetomo, K.S., 2013, *Makalah Iktirus dan Saluran Empedu*, SMF Ilmu Bedah RSU Haji, Surabaya.
- Oktaviana, D., Zuprizal, Suryanto, E., 2010, Pengaruh Penambahan Ampas Virgin Coconut Oil dalam Ransum terhadap Performa dan Produksi Karkas Ayam Broiler, *Buletin Peternak*, **Vol. 34**: 159 – 164.

- Pourabedin, M., and Zhao, X., 2015, Prebiotics and Gut Microbiota in Chickens, *FEMS Microbiology Letters*, **Vol. 362(15)**.
- Prasetyo, H.L., Ketaren, P.P., Setioko, R.A., Supayanto, A., Juwarini, E., Susanti, T., Supiana, S., 2010, *Panduan Budidaya dan Usaha Ternak Itik*, Balai Penelitian Ternak, Ciawi Bogor.
- Pratikno, H., 2011, Pengaruh Penambahan Ekstrak Kunyit (*Curcuma domestica* Vahl) terhadap Lemak Abdominal Ayam Broiler (*Gallus sp.*), *Buletin Anatomi dan Fisiologi*, **Vol. 18(2)**, Fakultas Peternakan, Universitas Diponegoro, Semarang.
- Peteri, Z., Téren, J., Vágvölgyi, C., Varga, J., 2007, Ochratoxin Degradation and Adsorption Caused by Astaxanthin – Producing Yeasts, *Food Microbiology*, **Vol. 24(3)**: 205 – 210.
- Radu-Rusu, C.G., Pop, I.M., Simeanu, D., 2017, Effect of A Synbiotic Feed Additive Supplementation On Laying Hens Performance and Eggs Quality, *Lucrări Științifice*, **Vol. 53**: 89 – 93.
- Rasyaf, M., 1989, *Beternak Ayam Buras*, Penerbit Kanisius, Yogyakarta.
- Rohmah, A., Joesidawati, M.I., dan Spanton, P.I., 2017, Pengaruh Pemberian Probiotik Komersial dan Lama Waktu Fermentasi yang Berbeda pada Limbah Surimi sebagai Alternatif Tepung Ikan, *Prosiding Seminar Nasional Hasil Penelitian dan Pengabdian kepada Masyarakat II*, Universitas PGRI Ronggolawe, Tuban.
- Rosenbach, A.J.F., 1884, *Mikro-organismen bel den Wund-Infections – Krankhelten des Menschen*, JF Bergmann.
- Salam, S., Fatahilah, A., Sunarti, D., dan Isroli. 2013. Bobot Karkas dan Lemak Abdominal Itik Lokal yang Diberi Tepung Jintan hitam (*Nigella Sativa*) dalam Ransum selama Musim Panas. *Jurnal Sains Peternakan*, **Vol. 11(2)**: 84 – 89.
- Salminen, S., Isolauri, E., and Salminen, E., 1996, Clinical Uses of Probiotics for Stabilizing the Gut Mucosal Barrier: Successful Strains and Future Challenges, *Antonie van Leeuwenhoek*, **Vol. 70**: 347 – 358.
- Schell, M.A., Karmirantzou, M., Snel, B., Vilanova, D., Berger, B., and Pessi, G., 2002, The Genome Sequence of *Bifidobacterium longum* Reflects Its Adaptation to the Human Gastrointestinal Tract. *Proceedings of the National Academy of Sciences of the United States of America*, **Vol. 99(22)**: 14422 – 14427.

- Shao, Y., Gao, S., Guo, H., Zhang, H., 2014, Influence of Culture Conditions and Preconditioning On Survival of *Lactobacillus Delbrueckii* Subspecies Bulgaricus ND02 During Lyophilization, *Journal Dairy Science*, **Vol. 97**: 1270 – 1280.
- Sharga, B.M., Pylypiv, D.B., Feketa, V.P., 2017, Medical Biology Practicals, Cytology, Practical 4. Differentiation Between Living and Dead Eukaryotic Cells by Staining.
https://www.researchgate.net/publication/321723774_MEDICAL_BIOLOGY_PRACTICALS_CYTOLOGY_Practical_4_Differentiation_between_living_and_dead_eukaryotic_cells_by_staining, 23 Juni 2019.
- Sigit, A.. dan Aripin, J., 2018. Pengaruh Pemberian Bio Fertilizer terhadap Persentase Karkas, Lemak Abdominal dan Berat Usus Halus pada Itik Pedaging Umur 15 Hari sampai 42 Hari. *Jurnal Ilmiah Fillia Cendekia*, **Vol. 3(1)**.
- Siregar, A.P., Sabrani, M., dan Pramu, S., 1982, *Teknik Beternak Ayam Pedaging di Indonesia*. Margie group, Jakarta.
- Snydman, D., 2008, *The Safety of Probiotics, Clinical Infectious Diseases*, **Vol. 46**: 104 – 11.
- Soegondo, S., 2006, *Farmakoterapi Pada Pengendalian Glikemia Diabetes Melitus Tipe 2, Buku Ajar Ilmu Penyakit Dalam*, Pusat Penerbitan Departemen Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia, Jakarta.
- Speck, M.L., 1978, *Development in Industrial Microbiology. Economic Microbiology Fermented Food.*, **Vol. VII**, Academic Press, London.
- Srigandono, 1991, *Ilmu Unggas Air*, UGM Press, Yogyakarta.
- Stephens, J., and Turner, D., 2015, *Streptococcus thermophilus* Bacteraemia In A Patient with Transient Bowel Ischaemia Secondary to Polycythaemia, <http://jmmcr.sgmjournals.org>, 23 Juni 2019.
- Suci, D.M., 2013, *Pakan Itik Cetakan I*, Penebar Swadaya, Jakarta.
- Sukmawati, N.M.S., Wirawan I., Trisnadewi S., Yadnya T.G.B., 2014, Lemak Tubuh dan Profil Lipida Darah Itik Bali Jantan yang Diberi Ransum Mengandung Daun Ubi Jalar (*Ipomoea batatas* L.) Disuplementasi Starbio dan Pignox (Starpig), *Majalah Ilmu Peternakan*, **Vol. 17(1)**: 15-19.
- Suprijatna, Umiyati, E., dan Kartasudjana, A.R., 2005, *Ilmu Dasar Ternak Unggas*, Penebar Swadaya, Jakarta.

- Surono, I.S., 2016, *Probiotik, Mikrobiome dan Pangan Fungsional Edisi Ke-1*, Deepublish, Yogyakarta.
- Susilorini, T.E., Sawitri, M.E., Muharlieni, 2010, *Budi Daya 22 Ternak Potensial*, Penebar Swadaya, Jakarta.
- Suyatna, F.D., dan Handoko, T., 2007, Hipolipidemik, *Farmakologi dan Terapi Edisi Kelima: 373 – 388*.
- Swastasi, R.I.B., 2017, Analisis Kandungan Serat Eceng Gondok untuk Kebutuhan Pakan Ternak di Waduk Cirata Kabupaten Purwakarta, [Skripsi], Fakultas Keguruan dan Ilmu Pendidikan, Universitas Pasundan, Bandung.
- Syahrudin, E., 2001, Penambahan Lisin pada Protein Rendah dalam Ransum serta Umur Ternak terhadap Kandungan Lemak dan Kolesterol Ayam Broiler, *Jurnal Penelitian Andalas*, **Vol. 12**: 92 – 98.
- Tamzil, M.H., 2014, Stres Panas pada Unggas: Metabolisme, Akibat dan Upaya Penanggulangannya, *Wartazoa*, **Vol. 24(2)**: 57 – 66.
- Taufik, E., 2004, *Dadih Susu Sapi Hasil Fermentasi berbagai Starter Bakteri Probiotik yang disimpan pada Suhu Rendah Karakteristik Kimiawi*, Hal 88 – 100, Media Peternakan, Fakultas Peternakan IPB, Bogor.
- Todar, K., 2008, *Todar's Online Textbook of Bacteriology "The Normal Bacterial Flora of Humans"*, http://textbookofbacteriology.net/normalflora_1.html, 23 Juni 2019.
- Triana, E., dan Nurhidayat, N., 2007, Seleksi dan Identifikasi *Lactobacillus* Kandidat Probiotik Penurun Kolesterol Berdasarkan Analisis Sekuen 16s RNA, *Biota*, **Vol. 12**: 55 – 60.
- Tumuva, E., and Teimouri, A., 2010, Fat Deposition in The Broiler Chicken: A Review, *Scientia Agriculturae Bohemica*, **Vol. 41**: 121 – 128.
- Vaughan, E.E., Heilig, H.G.H.J., Zoetendal, E.G., Satokari, R., Collins, J.K., Akkermans, A.D.L., De Vos, W.M., 1999, Molecular Approaches to Study Probiotic Bacteria, *Trends in Food Science & Technology*, **Vol. 10**: 400 – 404.
- Wahju, J., 1997, *Ilmu Nutrisi Unggas Cetakan Keempat*, UGM Press, Yogyakarta.
- Wahyuningrum, M.R., dan Probosari, E., 2012, Pengaruh Pemberian Buah Pepaya (*Carica papaya* L.) terhadap Kadar Trigliserida pada Tikus *Sprague*

dawley dengan Hiperkolesterolemia, *Journal of Nutrition College*, **Vol. 01(1)**: 192 – 198.

Waspodo, I.S., 2001, Efek Probiotik, Prebiotik dan Symbiotik bagi Kesehatan, *Artikel Kompas*: 30.

Widianto, B., Prayogi, H.S., Nuryadi, 2015, Pengaruh Penambahan Tepung Buah Mengkudu (*Morinda citrifolia* L.) dalam Pakan terhadap Penampilan Produksi Itik Hibrida, *Jurnal Ilmu-Ilmu Peternakan*, **Vol. 25(2)**: 28 – 35.

Wilson, E.K., Pierson, F.W., Hester, P.Y., Adams, R.L., and Stadelman, W.J., 1980, Effect of High Environmental Temperature on Feed Passage Time and Performance Traits of White Pekin Ducks, *Poultry Science*, **Vol. 59(10)**: 2322 – 2330.

Xiaodong, P.F., Tianxing, C., Honggang, W., and Zhanyu, Z.T., 2009, The Acid, Bile Tolerance and Antimicrobial Property of *Lactobacillus acidophilus*, *NIT. Food Control*, **Vol. 20**: 598 – 602.

Yongping, X., Guo, T., Mu, Y., Kong, J., 2018, Coupling the Recombineering to Cre-Lox System Enables Simplified Large-Scale Genome Deletion in *Lactobacillus casei*, https://www.researchgate.net/publication/323132447_Coupling_the_recombineering_to_Cre-lox_system_enables_simplified_large-scale_genome_deletion_in_Lactobacillus_casei, 23 Juni 2019.