

DAFTAR PUSTAKA

- Aarestrup, F.M., Wegener, H.C., and Rosdahl, V.T. 1995. Evaluation of phenotypic and genotypic methods for epidemiological typing of *Staphylococcus aureus* isolates from bovine mastitis in Denmark. *Vet Microbiol.* 45(2-3):139-150.
- Anonim. 1999. Mempertanyakan dasar ilmiah pelarangan AGP. 063:30-32.
- Aritonang, P.J. 2003. Kasus mastitis subklinis pada kambing perah di PT Taurus Dairy Farm Sukabumi menggunakan pereaksi IPB-1 dan metode breed. [Skripsi]. Fakultas Kedokteran Hewan IPB. Bogor.
- Abidin, A.N. 2004. Memahami resistensi untuk mengatasi infeksi bakteri. *Medika.* 30(2):197-199.
- Andresen, L.O. 2005. Production of exfoliative toxin by isolates of *Staphylococcus hyicus* from different countries. *Vet Record.* September 24 (157):376-378.
- Alarcon, B., Vicedo, B., and Aznar, R. 2006. PCR-based procedures for detection and quantification of *Staphylococcus aureus* and their application in food. *J Applied Microbiol.* 100:352-364.
- Agamy, E.I. 2007. The challenge of cow milk protein allergy. *Small Rumin Res.* 68:64-72.
- Anonim. 2008. Peraturan menteri pertanian republik Indonesia nomor 14 / Permentan / PK.350 /5/ 2017/ tentang klasifikasi obat hewan. [10 Pebruari 2013].
- Arsenault, J., Dubreuil, P., Higgins, R., and Belanger, D. 2008. Risk factors and impacts of clinical and subclinical mastitis in commercial meat producing sheep flocks in Quebec, Canada. *Prev Vet Med.* 87:373-393.
- Anonim. 2010. Pemerintah daerah kabupaten Sleman. [www. Slemankab.go.id/profil-Kabupaten-Sleman](http://www.Slemankab.go.id/profil-Kabupaten-Sleman). [10 Pebruari 2013].
- Albenzio, M., and Santilo, A. 2011. Biochemical characteristics of ewe and goat milk: Effect on the quality of dairy products. *Small Rumin Res.* 101:33-40.
- Anonim. 2011. Pemerintah daerah kabupaten Bantul. [www. Bantulkab.go.id/profil-Kabupaten-Bantul](http://www.Bantulkab.go.id/profil-Kabupaten-Bantul). [10 Pebruari 2013].
- Azwar, S. 2011. Sikap manusia teori dan pengukurannya. Edisi ke-2. Pustaka Pelajar. Yogyakarta.
- Anonim. 2012. Peta kabupaten Sleman. https://id.wikipedia.org/wiki/kabupaten_Sleman. [10 Pebruari 2013].

- Anonim. 2013. Pemerintah daerah kabupaten Kulonprogo. [www. Kulonprogokab.go.id / profil-Kabupaten-Kulonprogo](http://www.Kulonprogokab.go.id/profil-Kabupaten-Kulonprogo). [10 Pebruari 2013].
- Ariwibowo, R. 2013. Hubungan antara umur, tingkat pendidikan, pengetahuan, sikap terhadap praktek safety *Riding Awareness* pada pengendara ojek sepeda motor di Kecamatan Banyumanik. [Skripsi]. Universitas Diponegoro.
- Aziz, A.S., P. Puguhwardojo, dan Sarwiyono. 2013. Hubungan bahan dan tingkat kebersihan lantai kandang terhadap kejadian mastitis melalui uji California Mastitis Test (CMT) di Kecamatan Tuter Kabupaten Pasuruhan. *Jurnal Ternak Tropika*. 14(2):72-81.
- Adriani, Latif, A., Fachri, S., dan Sulaksana, I. 2014. Peningkatan produksi dan kualitas susu kambing peranakan Ettawah sebagai respon perbaikan kualitas pakan. *J Ilmiah Ilmu-ilmu Peternakan*. 17 (1):15-21.
- Alhasanah, S.D. 2016. Prevalensi mastitis subklinis serta pengetahuan, sikap, dan praktik peternak terhadap pengendalian mastitis subklinis di Kunak Bogor. [Skripsi]. Institut Pertanian Bogor.
- Boden M.K., and J.I., Flock. 1989. Fibrinogen-binding protein/clumping factor from *Staphylococcus aureus*. *Infect Immun*. 57:2358-2363.
- Blumberg, H.M., Rimland, D., Keihlbauch, J.A., Terry, P.M., and Wachsmuth, I.K. 1992. Epidemiologic typing of *Staphylococcus aureus* by DNA restriction fragment length polymorphis of rRNA genes: elucidation of the clonal nature of a group of bacteriophage-Nontypeable, Ciprofloxacin-Resistant, Methicillin-Susceptible *S. aureus* Isolates. *J Clin Microbiol* 30 (2):362-369.
- Barrow, G.I., and Feltham, R.K.A. 1993. Cowan and Steel's Manual for the identification of Medical Bacteria. 3rd. Cambridge, Cambridge University Press. 50-150.
- Barton, M.D. 2000. Antibiotic use in animal feed and its impact on human health. *Nutrition Research Review*.13:279-299.
- Bettelheim KA. 2000. Role of non O157 VTEC. *J Appl Symp Microbiol Supplm*. 88:38-50.
- Blowey, R.W., and Edmondson, P.W. 2000. The environment and mastitis. *In practice*. 22: 382-394.
- Boothe, D.M. 2001. Principal of Antimicrobial Therapy. In Small Animal Clinical Pharmacology and Therapeutics. 1th ed. Saunders Company, Philadelphia. 125-142.

Budiharta, S., 2002. Kapita selekta epidemiologi veteriner. Bagian kesehatan masyarakat veteriner. FKH UGM. Yogyakarta. 129-130.

Bergonier, D., Cremoux, R., Rupp, R., Lagriffoul, R., Lagriffoul, G., and Berthelot, X. 2003. Mastitis of dairy small ruminants. *Vet Res.* 34:689-716.

Bleul, U., Sacher, K., Corti, S., and Braun, U. 2006. Clinical finding in 56 cows with toxic mastitis. *Vet Record.* 11:159:677-680.

Bidang Peternakan Bantul. 2012. Data populasi ternak ruminansia kecil di kabupaten Bantul. Dinas perikanan dan kelautan kabupaten Bantul. [10 Pebruari 2013].

Becker, Heilmann, C., and Peters, G. 2014. Coagulase-Negative Staphylococci. *Clin Microbiol Reviews.* 27(4): 870-926.

Contreras, A., Corrales, J.C., Sierra, D., and Marco, J. 1995. Prevalence and aetiology of non clinical intramammary infection in Murciano-Granadia goats. *Small Rumin Res.* 17:71-78.

Contreras, A., Luengo, C., Sanchez., A., and Corrales, J.C. 2003. The role of intramammary pathogens in dairy goats. *Livestock Prod Sci.* 79: 273-283.

Chambers, H.F. 2004. Methicillin resistance in Staphylococci: molecular and biochemical basis and clinical implications. *Clin Microbiol Rev.* 10:781-791.

Crawshaw, W. M., MacDonald, N. R., and Duncan, G. 2005. Outbreak of *Candida rugosa* mastitis in dairy herd after intramammary antibiotic treatment. *Vet Record.* 156:812-813.

Contreras, A., D. Sierra., A. Sanchez., J.C Corrales., J.C. Marco., M.J. Paape., C. Gonzalo. 2007. Mastitis in small ruminants. *Small Rumin Res.* 68: 145-153.

Ceballos, L.S., Morales, E.R., Adarve, G.D.L.T., Castro, J.D., Martinez, L.P., and Sampelayo, M.R.S. 2009. Composition of goat and cow milk produced under similar conditions and analyzed by identical methodology. *J Food Comp Analysis.* 22:322-329.

CLSI. Clinical and Laboratory Standards Institute. 2012. Performance Standards for Antimicrobial Susceptibility Testing. Twenty-Second Informational Supplement. 32 (3):70-78.

Dinges, M.M., Orwin, P.M., and Schlievert, P.M. 2000. Exotoxins of *Staphylococcus aureus*. *Clin Microbiol Rev.* 13:16-34.

Dohoo, I., Martin, W., and Stryhn, H. 2003. Veterinary epidemiology research. AVC inc Publishing. Charlottetown. Prince Edward Island Canada. 27-52.

Duijkeren, E., A.T.A. Box., M.E.O.C. Heck., W.J.B. Wannet and A.C. Fluit. 2004. Methicillin-resistant staphylococci isolated from animals. *Vet Microbiol.*103:91-97.

Doğruer, G., Saribay, M.K., Ergun Y., Aslantas, O., Demir, C., and Ates, C.T. *Short communication*. 2010. Treatment of subclinical mastitis in Damascus goats during Lactation. *Small Rumin Res.* 90:153-155.

Dinas Kelautan dan Peternakan. 2012. Data populasi ternak kambing PE di kabupaten Kulonprogo. Dinas Kelautan dan Peternakan Kulonprogo.

Dirjen Peternakan dan Kesehatan Hewan. 2012. Seminar membangun persusuan nasional dalam rangkaian kegiatan hari susu nusantara (HSN). Yogyakarta. 1 Juni 2012.

E.R. da Silva., Siquera, A.P., Martins, J.C.D., Ferreira, W.P.B., and da Silva., N. 2004. Identifictaion and in vitro antimicrobial susceptibility of *staphylococcus* species isolated from goat mastitis in the Northeast of Brazil. *Small Rumin Res.*55:45-49.

Ebrahimi, A., Lotfaliann, S.H., and Karimi, S. 2007. Drug resistance in isolated bacteria from milk of sheep and goats with subclinical mastitis in Shahrekord district. *Iranian J Vet Res.* 8(1):76-79.

Elmoslemany, A.M., Keefe, G.P., Dohoo, I.R. dan Dingwell. R.T. 2009. Microbiological quality of bulk tank raw milk in Prince Edwad Island dairy herds. *J Dairy Science* 92:4239-4248.

Finley, C.M., J.R., Thompson, and G.E., Bradford. 1984. Age, parity, season adjustment factors for milks and fat yields of dairy goats. *J Dairy Science.* 67: 1868-1872.

Fthenakis, G.C., and Jones, J.E.T. 1990. The effect of experimentally induced subclinical mastitis on milk yield of ewes and on the growth of lambs. *Br Vet J.* 146:43-49.

Fardiaz S. 1993. Analisis Mikrobiologi Pangan. Penerbit PT. Raja Grafindo Persada, Jakarta.

Fuda, C., M. Suvorov, S.B., Vakulenko and S. Mobashery. 2004. The basis for resistance to betalactam antibiotics by PBP2a of MRSA. *J boil Chem.* 279: 40802-40806.

Frey, Y., Rodriguez, J. P., Thomann, A., Schwendener, S. and V. Perreten. 2013. Genetic characterization of antimicrobial resistance in coagulase-negative staphylococci from bovine mastitis milk. *J Dairy Science.* 96:1-11.

- Goetsch, A.L., R.C. Merkel, and T.A. Gipson. 2011. Factors affecting goat meat production and quality. *Small Rumin Res.* 101:173–181.
- Hogan, J.S., White, D.G. and J.W., Pankey. 1987. Effects of teat dipping on intramammary infections by staphylococci other than *Staphylococcus aureus*. *J Dairy Science.* 70 (4):873-879.
- Heras, L., Dominguez, A., Lopez, I., and Garayzabal, J.F.1999. Outbreak of acute ovine mastitis associated with *Pseudomonas aeruginosa* infection. *Vet Record.* 145:111-112.
- Hall, S.M., and A.N., Rycroft. 2007. Causative organisms and somatic cell counts in subclinical intramammary infections in milking goats in the UK. *Vet Record.* 160:19-22.
- Hassler, Ch., S. Nitzsche, C. Iversen, C. Zweifel, and R. Stephan. 2008. Characteristics of *Staphylococcus hyicus* strains isolated from pig carcasses in two different laughterhouses. *Meat Science.* 80:505-510.
- Islam, A., A. Samad, and A. Rachman. 2012. Prevalence of subclinical caprine mastitis in Bangladesh basedon parallel interpretation of three screening tests. *Int J Animal Vet Advances.* 4(3): 225-228.
- Indijah, S.W, dan Fajri Purnama. 2016. Farmakologi. Modul Bahan Cetak Ajar Farmasi. Kementrian Kesehatan Republik Indonesia. Pusat pendidikan sumberdaya kesehatan manusia. Badan Pengembangan dan Pemberdayaan Sumberdaya Kesehatan Manusia.
- Jasmawati, M. Syafar, dan Nurhaedar, J. 2005. Hubungan pengetahuan, sikap, dan ketersediaan fasilitas dan dengan praktik petugas pengumpul limbah di RSUD Abdul Wahab Sjahranie Samarinda. [Skripsi]. Universitas Hassnudin.
- Kusmiyati dan Supar. 1998. *E. coli* verotoksigenik dari anak sapi perah penderita diare. *Proceding Seminar Hasil-Hasil Penelitian Veteriner.* Pebruari. 103-108.
- Katzung, B.G. 2001. Basic and Clinical Pharmacology. 8th ed. McGraw-Hill Comp. Inc. California. San Fransisco. 3, 25-36.
- Kusumawati, Y. 2004. Hubungan pendidikan dan pengetahuan gizi ibu dengan berat bayi lahir di RSUD. Dr. Moewardi Surakarta. *J Kesehatan Infokes.* 8:1-9
- Koop, G., Werven, T.V., Schuiling, H.J., and Nielen, M. 2010. The effect of subclinical mastitis on milk yield in dairy goat. *J Dairy Science.* 93:5809-5817.

Kustantinah, 2010. Peningkatan produktifitas ternak kambing berbasis kontrol parasite menggunakan alternatif pakan terseleksi. Pidato Pengukuhan Guru Besar UGM. Yogyakarta. <http://www.bps.go.id> . di unduh 14. Maret 2013.

Kaleka, N dan N.K. Haryadi. 2013. Kambing Perah. Arcita. Surakarta.

Koop, G., Collar, C.A., Toft, N., Nielen, M., Van Werven, T., Bacon, D., and Gardner, I.A. 2013. Risk factors for subclinical intramammary infection in dairy goats in two longitudinal field studies evaluated by bayesian logistic regression. *Prev Vet Med.* 108:304-312.

Kasozi, K.I., J.B. Tigiira, and P. Vudriko. 2014. High prevalence of subclinical mastitis multidrug resistant *Staphylococcus aureus* are a threat to dairy cattle production in Kibota District (Uganda). *Open J Vet Med.* 4:35-43.

Loewenstein, M., Speck, S.J., and Barnhart, H.M. 1980. Research on goat milk products: a review. *J Dairy Science.* 63:1631-1648.

Lyon, B.R., Luorio, J.L., May, J.W., and Skurray, A. 1984. Molecular epidemiology of multiresistant *Staphylococcus aureus* in australian hospitals. *J Med Microbiol.* 17:79-89.

Lafi, S.Q., Al-majali, A.M., Rousan, M.D., and Alawneh, J.M. 1998. Epidemiological studies of clinical and subclinical ovine mastitis in Awassi sheep in northern Jordan. *Prev Vet Med.* 33: 171-181.

Leitner, G., Merin, U., and Silanikove, N. 2004. Chages in milk composition as affected by subclinical mastitis in goats. *J Dairy Science.* 87:1719-1726.

Manser, P.A. 1986. Prevalence, causes and laboratory diagnosis of subclinical mastitis in the goat. *Vet Record.* 118: 552-554.

Martin, S.W., Meek, A.H., and Willeberg, P. 1987. Veterinary Epidemiology: Principles and Methods. Iowa State University Press, Ames.

Murdiati, T.B., dan Bahri, S. 1991. Pola penggunaan antibiotika dalam peternakan ayam di Jawa Barat, kemungkinan hubungan dengan masalah residu. *Proceedings Kongres Ilmiah ke 8 ISFI*, Jakarta 1991:445-448.

McDevitt D., P., Vaudaux and T. J., Foster. 1992. Genetic evidence that bound coagulase of *Staphylococcus aureus* is not clumping factor. *Infect Immun.* 60:1514-1523.

Mainill, J. 1999. Shiga/Verocytotoxins and Shiga/Verotoxigenic *Escherichia coli* in animals. *Vet Res.* 30(2-3):235-257.

- Menzies, F.D., S.H., McBride., S.W., McDowell., M.A., McCoy., W., McConnell and C. Bell. 2000. Clinical and laboratory findings in cases of toxic mastitis in cows in Northern Ireland. *Vet Record*. 147:123-128.
- McDougall, Pankey, W.C., Delaney, Barlow, J., Patricia, A., Murdough and Scruton, D. 2002. Prevalence and incidence of subclinical mastitis in goats and dairy ewes in Vermont USA. *Small Rumin Res*. 46:115-121.
- McDougal, S., and F. Anniss. 2005. Efficacy of antibiotic treatment at drying-off in curing existing infections and preventing new infections in dairy goats. In: Hogeveen, H. (Ed.), *Mastitis in Dairy Production*. Wageningen Academic Press Publisher, The Netherlands, pp. 523-528.
- Moroni, P., Pisoni, C., Vimercati, Rinaldi, M., Castiglioni, Cremonesi, B.P., and Boetter, P.J. 2005a. *Staphylococcus aureus* isolated from chronically infected dairy goats. *J Dairy Science*. 88:3500-3509.
- Moroni, P., Pisoni, G., Ruffo, G., and Boetter, P.J. 2005b. Risk factors for intramammary infections and relationship with somatic cell counts in Italian dairy goats. *Prev Vet Med*. 69:163-173.
- Mbilu, T. 2007. Status of mastitis in lactating goats at Sokoine University of agriculture and neigh bouring small holder farms in Morogoro Municipality, Tanzania. *Livestock Research for Rural Development*. 19(3): 40-44.
- Mørk, T., S. Waage., T. Tollersrud., B. Kvitle And S. Sviland. 2007. Clinical mastitis in ewes; bacteriology, epidemiology and clinical features. *Acta Vet Scand*. 49:1-8.
- Muda, I., Supriyanto., H. Kustiningsih., E. Tangkonda., Heri dan S. Indarjulianto. 2011. Peran pemerah dalam dalam penyebaran *Staphylococcus aureus* pada sapi perah. *Proceeding*. Seminar Nasional PPDH Emerging dan Re-Emerging Diseases Tantangan dan Peran Dokter Hewan di Era Global. Fakultas Kedokteran Hewan Universitas Gadjah Mada 3 Desember 2011: 86-93.
- Magiorakos, A.P., Srinivasan, A., Carey, R.B., Carmeli, Y., Falagas, M.E and Giske, C.G. 2012. Multidrug-resistant, extensively drug-resistant and pandrug-resistant bacteria: an international expert proposal for interim standard definitions for acquired resistance. *Clinical Microbiology and Infection*, 18:268-281.
- Marogna, G., Pilo, C., Vidili, A., Tola, S., Schianchi, G., and Leori, S.G. 2012. Comparison of clinical findings, microbiological results, and farming parameters in goat herds affected by recurrent infectious mastitis. *Small Rumin Res*. 102:74-83.
- Mahlangu, P., Maina, N and Kagira, J. 2018. Prevalence, Risk Factors, and Antibigram of Bacteria Isolated from Milk of Goats with Subclinical Mastitis in Thika East Subcounty, Kenya. *J. Vet. Medicine*. 208: 21-18.

- Nataro, J.P., and Kaper, J.B. 1998. Diarrhegenic *Escherichia coli*. *Clin Microbiol Rev.* 1(11):15-38.
- Nicholas, R.A., and Ayling, R.D. 2003. *Mycoplasma bovis*: disease, diagnosis and control. *Res Vet Sci.* 74:105-112.
- Nurhayati I dan Martindah E. 2015. Pengendalian mastitis subklinis melalui pemberian antibiotik saat periode kering pada sapi perah. *Wartazoa.* 25(2):65-74.
- Olivera, L., Rodrigues, A.C., Hulland, C., and Ruegg, P.L. 2011. Enterotoxin production, enterotoxin gene distribution, and genetic diversity of *Staphylococcus aureus* recovered from milk of cows with subclinical mastitis. *American J Vet Res.* 72:1361-1367.
- Ote, I., Taminiau, B., Duprez, J.N., Dizier, I., Jacques, G., and Mainil. 2011. Genotypic characterization by polymerase chain reaction of *Staphylococcus aureus* isolates associated with bovine mastitis. *Vet Microbiol.* 153:285-292.
- Poutrel, B and M., Ducelliez. 1979. Evaluation of three rapid tests for identification of *Staphylococcus aureus* isolated in bovine milk. *Ann Rech Vet.* 10: 125-129.
- Poutrel, B., and Lerondelle, C.1983. Cell content of goat milk : California mastitis test, Coulter counter and Fossomatic for predicting half infection. *J Dairy Sci.* 66:2575-2579.
- Paape, M.J., and Capuco, A.V.1997. Cellular Defense Mechanisms in the Udder and Lactation of Goats. *J Anim Sci.* 75:556-565.
- Paape, M.J., B. Poutrel., A. Contreras., J.C Marco and A.V. Capuco. 2001. Milk somatic cells and lactation in small ruminants. *J Dairy Sci.* 84 (E. Suppl.):E237-E244.
- Peacock, S.J., Moore, C.E., Justice, A., Story, M., Mackie, L., Kantzanou, A., Neill, K., and Day, N.P. 2002. Virulent combinations of adhesion and toxin genes in natural populations of *Staphylococcus aureus*. *Infect Immun.* 70: 4987-4996.
- Purnomo, A., Hartatik., Khusnan., Salasia, S.I.O., dan Soegiyono. 2006. Isolasi dan karakterisasi *Staphylococcus aureus* asal susu kambing peranakan ettawa. *Media Kedokteran Hewan.* 22:142-147.
- Pisoni G, Zadoks RN, Vimercati C, Locatelli C, Zanoni MG, Moroni P. 2009. Epidemiological investigation of *Streptococcus equi* subspecies *zooepidermidis* involved in clinical mastitis in dairy goats. *J Dairy Science.* 92: 943-951.
- Persson, Y., and Olofsson, I. 2011. Direct and indirect measurement of somatic cell count as indicator of intramammary infection in dairy goats. *Acta Vet Scand.* 53:15-20.

- Pinanditya, F.S., and Wahyuni, A.E.T.H. 2011. Isolation and identification of bacteria from ettawah cross breed goats milk in Sleman Yogyakarta, In: Proceeding: International Seminar and 2th Congress of SEAVSA. Increasing Animal Production Through Zoonoses and Reproductive Disorder Handling, and The Implementation of Biotechnology. Surabaya, 21-22 June 2011. Pp: 331-336.
- Park, J, M. Robert. Friendship, Z., Poljak, J. Scott Weese, and Cate E. Dewey. 2013. An investigation of exudative epidermitis (greasy pig disease) and antimicrobial resistance patterns of *Staphylococcus hyicus* and *Staphylococcus aureus* isolated from clinical cases. *Can Vet J.* Feb 54 (2): 139–144.
- Rather, P.N., A.P., Davis and B.J., Wilkinson. 1986. Slime production by bovine milk *Staphylococcus aureus* and identification of coagulase-negative staphylococcal isolates. *J Clin Microbiol.* 23:858-862.
- Ribeiro, A.C., and Ribeiro, S.D.A. 2010. Speciality products made from goat milk. *Small Rumin Res.* 89:225-223.
- Rusmana, D. 2013. Beberapa faktor yang mempengaruhi keberhasilan program imunisasi di Kecamatan Banjaran, Kabupaten Bandung. [Tesis]. Bandung. Universitas Pendidikan Indonesia.
- Rachmawan, W.P. 2015. Pengetahuan, sikap, dan praktik peternakan sapi perah di desa Ngabab, kecamatan Pujon, kabupaten Malang dalam pengendalian Brusellosis. [Skripsi]. Fakultas Kedokteran Hewan. Institute Pertanian Bogor.
- Rola, J.G., M. Sosnowski, M. Ostrowska, and J. Osek. 2015. Prevalence and antimicrobial resistance of coagulase-positive staphylococci isolated from raw goat milk. *Small Rumin Res.* 123:124-128.
- Sutra, L and B. Poutrel. 1994. Virulence factor involved in the pathogenesis of bovine intramammary infections due to *Staphylococcus aureus*. *J Med Microbiol.* 40:79-89.
- Sanchez A, A., Contrares., and J.C., Corrales. 1999. Parity as a risk factor for caprine subclinical intramammary infection. *Small Rumin Res.* 31:197-201.
- Stockham, S., and M. Scott. 2000. Fundamental of Veterinary Clinical Pathology. Blackwell Publishing Professional. Oxford, Great Britain.
- SCIEH (Scottish Center For Infection and Environmental Health). 2001. Task Force on *E. coli* O157. <http://www.foodstandards.gov.uk/multimedia/pdfs/ecolitaskfinreport>. [27 Juni 2004].

- Satari, M.H. 2002. Fenomena molekuler enzim betalaktamase *S. aureus* resisten ampicilin subetalaktam [Disertasi]. Universitas Padjajaran Bandung. 48-56.
- Seegers, H., C. Fourichan dan F. Beaudeau. 2003. Production effects related to mastitis and mastitis economics in dairy cattle herds. *Vet Res.* 34:475-491.
- Sommerhäuser, J., Kloppert, B., Wolter, W., Zschöck, M., Sobiraj, A., and Failing, K. 2003. The epidemiology of *Staphylococcus aureus* infections from subclinical mastitis in dairy cows during a control programme. *Vet Microbiol.* 96:91-102.
- Sanchez, A., Contreras, A., Corrales, J.C., and P. Munoz. 2004. Influence of sampling time on bacteriological diagnosis of goat intramammary infection. *Vet Microbiol.* 98:329-332.
- Sori H, Zerihum, and Abdico, S. 2005. Dairy cattle mastitis in around Sebeta, Ethiopia. *Int J Appl Res Med Vet.* 332-338.
- Sanchez., J., P. Montes., A., Jimenez and S. Andres. 2007. Prevention of clinical mastitis with barium selenate in dairy goats from a selenium deficient area. *J Dairy Sci.* 90: 2350-2354.
- Subronto. 2007. Ilmu Penyakit Ternak II (Mammalia). Cetakan ke-3 (Revisi). Gadjah Mada University Press. Yogyakarta.
- Sumiarto, B., 2009. Epidemiologi analitis II. Program studi S2 sains veteriner, FKH UGM.
- Suharto, R.H., and Wahyuni, A.E.T.H. 2011. Sensitivity of *Staphylococcus aureus* isolate from goat's milk to Ampicillin, Tetracycline, Erythromycin, Chloramphenicol and Gentamycin. *Proceeding International Seminar and 2nd Congress of SEAVSA. Increasing Animal Production Through Zoonoses and Reproductive Disorder Handling, and The Implementation of Biotechnology.* Surabaya, 21-22 June 2011:73-79.
- Suwito, W., Nugroho, W.S., and Wahyuni, A.E.T.H. 2012. Etiology and somatic cell counts in subclinical intramammary infections in ettawa crossbred goat milks in Sleman Yogyakarta. In: *Proceeding International Seminar A Role of The Veterinarian on The Global Health Challenges.* Tuesday-Wednesday, September 18-19th 2012 University Club Hotel UGM Yogyakarta. Pp: 46-50.
- SIDa (Sistem Informasi Daerah). 2013. Sistem informasi daerah kabupaten Sleman prioritaskan 4 komoditas unggulan. *Badan Perencanaan Pembangunan Daerah Kabupaten Sleman.*
- Statistik Peternakan dan Kesehatan Hewan. 2013. Direktorat Jenderal Peternakan dan Kesehatan Hewan. Kementerian Pertanian.

- Suwito, W., Nugroho, W.S., Wahyuni, A.E.T.H., dan Sumiarto, B. 2013. Isolasi dan identifikasi bacteria mastitis klinis pada kambing peranakan Ettawah. *J Sain Veteriner*. 31(1):49-54
- Suwarti. 2014. Tingkat pengetahuan peternak sapi perah tentang *Candida albicans* di Kunak Cubungbulang Kabupaten Bogor. [Skripsi]. Institute Pertanian Bogor.
- Setianti, Ekowati, dan Setiadi. 2015. Efisiensi ekonomi usaha sapi perah di kawasan usaha peternakan (KUNAK) Kecamatan Pamijahan Kabupaten Bogor. *Agromedia*. 33(2):35-45.
- Sumiarto, B dan S. Budiharta. 2018. Epidemiologi Veteriner Analitik. Gadjah Mada University Press. Yogyakarta.
- Suwito W, Winarti E, Kristiyanti F, Widyastuti A, Andriani. 2018. Faktor risiko terhadap total bakteri, *Staphylococcus aureus*, koliform, dan *E. coli* pada susu kambing. *J Agritech*. 38 (1):39-44.
- Triwulaningsih, E. 1986. Beberapa parameter genetik sifat kualitatif kambing PE. [Thesis]. PPS. Institute Pertanian Bogor.
- Tomaszewska, M., I.M., Mashka, A. Djajanegara, S. Gardiner dan T.P., Wiradaya. 1993. Produksi kambing dan domba di Indonesia. Universitas Sebelas Maret Pres. Surakarta.
- Thrusfield, M. 1995. *Veterinary epidemiology*. 2th ed. Departmen of Veterinary Clinical Studies Royal (Dick) School of Veterinary Study University of Edinburgh. Edinburg Blackwell Science. Pp:224-227.
- Tamarapau, S., Mckillip, J.L., and Drake, M. 2001. Development of a multiplex polymerase chain reaction assay for detection and differentiation of *Staphylococcus aureus* in dairy products. *J Food Protect*. 64 (5) :664-668.
- Turin, L., Pisoni, G., Giannino, M.L., Antonini, M., Rosati, S., Ruffo, G., and Moroni, P. 2005. Correlation between milk parameters in CAEV seropositive and negative primiparous goats during an eradication program in Italian farm. *Small Rumin Res*. 57:73-79.
- Todar, K. 2008. Bacterial Resistance to Antibiotics. Todars Online Texbook of Bacteriology. [http://textbookofbacteriology. Net/resantimicrobial.html](http://textbookofbacteriology.Net/resantimicrobial.html). [1 April 2014].
- Tato, S., Salasia, S.I.O., Sugiyono, and Kurniasih. 2010. Characterization of methicillin-resistant *Staphylococcus aureus* (MRSA) isolated from human and diary cows.

Proceeding: International Seminar Biotechnology. Pustaka Ilmiah UNPAD Bandung. 95-102.

Taufik, E., Hildebrandt, G., Kleer, J.N., Wirjajanto, T.I., Kreausukon, K., Zessin, K.H., Baumann, M.P.O., and Pasaribu, F.H. 2011. *Media Peternakan*. 34:105-111.

USDA. 1976. Composition of Foods, Dairy and Egg Products, Agricultural Handbook No. 8-1, Agricultural Research Service, Washington, D.C.

Ulrich, J., and Mobini, S. 1987. The Goat Handbook. Barron's Educational Series, Inc. 250 Wireless Boulevard Huppauge, New York 11788. Pp: 87-93.

Virdis, S., scarano, C F., Cossu, Spanu, V., Spanu, C., and De Santis, E.P.L. 2010. Antibiotic resistance in *Staphylococcus aureus* and coagulase negative staphylococci isolated from goats with subclinical mastitis. *Vet Med Int*. 6:1-6.

Vatankhah M, Talebi MA, Zamani F. 2012. Relationship between ewe body condition score (BCS) at mating and reproductive and productive traits in Lori-Bakhtiari sheep. *Small Rumin Res*. 106:105-109

White, E.C., and Hinckly, L.S. 1999. Prevalence of mastitis pathogens in goat milk. *Small Rumin Res*. 33:117-121.

Wahyono, S., Firaman., I., Sahwan, dan F., Suryanto. 2011. Membuat pupuk organik granul dari aneka limbah. PT Agro Media Pustaka Ed ke-1. Jakarta, Indonesia.

Wahyuni, A.E.T.H. 2011a. Perbedaan jenis bakteri pada susu kambing peranakan ettawa (PE) normal, mastitis subklinis dan mastitis klinis. Proceeding: Seminar Nasional Peternakan Berkelanjutan III *Read to Green Farming*. Fakultas Peternakan Universitas Padjajaran. Bandung, 2 November 2011. Pp:290-294.

Wahyuni, A.E.T.H. 2011b. Bakteri pathogen yang diisolasi dari susu kambing PE di Sayegan, Sleman, Yogyakarta. Proceeding: Seminar Nasional Peternakan Berkelanjutan III *Read to Green Farming*. Fakultas Peternakan Universitas Padjajaran. Bandung, 2 November 2011. Pp:8-12.

Wicaksono, A dan Sudarwanto, M. 2016. Prevalensi mastitis subklinis dan mikrobiologis susu peternakan rakyat di Boyolali. *Acta Vet Indonesiana*. 4(2):51-56.

Yunasaf, U dan D.S. Taspirin. 2012. Peran penyuluh dalam proses pembelajaran peternak sapi perah di KSU Tandangsari Sumedang. *Jurnal Ilmu Ternak*. 12(1):41-46.

Zecconi, A., Cesaris, L., Liandris, E., Dapra, V., and Piccinini, R. 2006. Role of several *Staphylococcus aureus* virulence factors on the inflammatory response in bovine mammary gland. *Micro Pathogenesis*. 40:177-183.