

DAFTAR PUSTAKA

- Aarestrup F.M. dan Schwarz S. 2006. Antimicrobial resistance in *Staphylococci* and *Streptococci* of animal origin. Dalam: Aarestrup F.M. (ed). *Antimicrobial Resistance in Bacteria of Animal Origin*. ASM Press, Washington DC. 187-212.
- Aksan dan Pahlevi, C. 2006. *Hasil Validasi Data dan Survei Parameter Statistik Peternakan*. Dinas Peternakan dan Kehewanan kabupaten Pasuruan. Pasuruan.
- Awale M.M., Dudhatra G.B., Avinash K., Chauhan B.N., Kamani D.R., Modi C.M., Patel H.B. dan O’Kennedy R. 2012. Bovine Mastitis: A Threat to Economy. *Open Access Scientific Reports*. 1: 295.
- Baquero, Fernando. 1997. Gram-positive Resistance: Challenge fot the Development of New Antibiotics. *Journal Antimicrobial Chemotherapy*. 39: 1-6.
- Barkema H., Schukken Y.H. dan Zadoks R.N. 2006 Invited Review: The Role of Cow, Pathogen, and Treatment Regimen in The Therapeutic Success of Bovine *Staphylococcus aureus* Mastitis. *J.Dairy Sci*. 89: 1877-1895.
- Bath, D.L., F.N. Dickinson, H.A. Tucker. dan R.D. Appelman. 1985. *Dairy Cattle: Principles, Practices, Problems, Profit*. Second Edition. Lea and Fabriger, Philadelphia. 36-37.
- Black J.G. 2005. *Microbiology Principles and Explorations*. Willey, United States of America. 66-67.
- Boothe, D. 2001. *Small Animal Clinical Pharmacology and Terapeutics*. W.B. Saunders Company, Philadelphia. 169-170.
- Brooks, G.F., J.S. Butel,, S.A. Morse, Jawetz, Melnick dan Adelberg’s. 2005. *Mikrobiologi Kedokteran*. Edisi ke 21. Penerjemah: N. Widorini. Salemba Medika, Jakarta. 102-103.
- Brown, A. 2001. *Benson: Microbiological Applications Lab Manual*. Edisi ke-8. The McGraw-Hill Companies, New York.
- Brunton, Laurence L., Keith L. Parker, Donald Blumenthal dan Iain Buxton. 2008. *Goodman & Gilman’s. Manual of Pharmacology and Therapeutics*. McGrawn-Hill, United States of America. 747-748.
- Bylund, G. 1995. *Dairy Processing Handbook*. Tetra Pak Processing System AB S-221 86 Lund, Sweden. 436.

- Chambers, H.F. 2003. Senyawa Antimikroba. Dalam: *Goodman dan Gilman: Dasar Farmakologi Terapi*. Volume 2. Penerjemah: Tim Alih Bahasa Sekolah Farmasi ITB. Judul buku asli: *The Pharmacological Basic of Therapeutics*. Penerbit Buku Kedokteran E.G.C. Jakarta. 1117-1145.
- Carter, G.R. dan Wise, D.J. 2004. *Essential of Veterinary Bacteriology and Micology*. 6th edition. Iowa State Press, Iowa.
- Coyle, Marie B. 2005. *Manual of Antimicrobial Susceptibility Testing*. American Society for Microbiology. 42.
- Ebrahimi A., Nikookhah F. dan Nikpour S. 2008. Isolation of *Streptococci* from Milk Samples of Normal, Acute and Subclinical Mastitis Cows and Determination of Their Antibiotic Susceptibility Patterns. *Pakistan Journal of Biological Sciences*. 1: 148–150.
- Edward M., Henry L., Sebastian S., Anna K. dan Michal K. 2008. Antimicrobial Susceptibility of Bacteria Isolated from Cows with Mastitis in 2006-2007. *Bull.Vet.Inst.Pulawy. J*. 52: 565-572.
- Endang, E. dan A.E.T.H. Wahyuni. 2006. Mastitis Subklinis pada Sapi Perah Menggunakan *Pulsed Field Gel Electrophoresis* (PFGE). *Jurnal Sains Veteriner*. 1: 24.
- Foltys, V. dan Kirchrneova, K. 2005. Development of Mastitis Pathogens Occurrence and Their Susceptibility to Antibiotics in Basic Production of Milk. *Journal of Farm Animal Science (Sci. Works of Research Institute of Animal Production, Nitra)*. 38: 177-180.
- Ford, R.B. dan E.M. Mazzafero. 2006. *Kirk and Bistner's Handbook of Veterinary Procedures and Emergency Treatment*. Edisi ke-9. Saunders Elsevier Inc., Missouri. 669.
- Giguere S., Prescott J.F. dan Baggot J.D. 2006. *Antimicrobial Therapy in Veterinary Medicine*. Edisi ke-4. Iowa State Univ. Press, Iowa.
- Goldman L. dan Green H.L 2009. *Practical Handbook of Microbiology*. Edisi ke-2. CRC Press. 35-40.
- Hadi U. 2006. Resistensi Antibiotik. Dalam: *Buku Ajar Ilmu Penyakit Dalam*. Edisi-4. Jakarta. 1725.
- Hadioetomo, R.S. 1990. *Mikrobiologi Dasar dalam Praktek Teknik dan Prosedur Dasar Laboratorium*. Penerbit PT Gramedia, Jakarta.103-104.
- Halasa T., Huijps K., Osteras O. dan Hogeveen H. 2007. Economic Effects of Bovine Mastitis and Mastitis Management: A review. *Veterinary Quarterly*. 29: 18–31.

- Heelan, Judith S., Meredith E. Hasenbein dan Alexander J. McAdam. 2004. Resistance of Group B *Streptococcus* to Selected Antibiotics, Including Erythromycin and Clindamycin. *J. Clin. Microbiol.* 42 (3): 1263-1264.
- Hillerton, J.E. dan E.A. Berry. 2005. A Review: Treating Mastitis in the Cow—A Tradition or an Archaism. *Journal of Applied Microbiology.* 98:1250–1255.
- Hirz, D.C. dan Zee Y.C. 1999. *Veterinary Microbiology.* Blackwell Science, USA. 115-119.
- Hudzicki, J. 2012. *Kirby-Bauer Disk Diffusion Susceptibility Test Protocol.*
- Idriss, Sh. E., V. Foltys, V. Tancin, K. Kirchnerova, D. Tanainova1 dan K. Zaujec. 2014. Mastitis Pathogens and Their Resistance Against Antimicrobial Agents in Dairy Cows in Nitra, Slovakia. *Slovak J.Anim.Sci.* 47 (1): 33-38.
- Istiantoro, Yati H. dan Vincent H.S.G. 2007. Penisilin, Sefalosporin dan Antibiotik Betalaktam lainnya. Dalam: Ganiswara, Sulistia G. (ed). *Farmakologi dan Terapi.* Edisi-5. Bagian Farmakologi Fakultas Kedokteran Universitas Indonesia, Jakarta. 664-693.
- Kamplan, M. L. dan L. Kaplan. 1932. *The Gram Stain Differential Staining.* Bureau of Laboratories, Departement of Health, New York.
- Katzung, B.G. 2001. *Basic and Clinical Pharmacology.* Edisi ke-8. McGraw-Hill Education, New York. 6-7.
- Kia, Gharari, Ghasemi Mehdi dan Radjabalizade Keyvan. 2014. Prevalence and Antibiotic Susceptibility of *Streptococcus* sp. in Cows with Mastitis in Germi, Iran. *Animal Veterinary Science.* 2(2): 31-35.
- Lay, B. W. 1994. *Analisis Mikroba di Laboratorium.* PT Raja Grafindo Persada, Jakarta. 80-85.
- Lechtman, M.D. dan Wistreich G.A. 1980. *Microbiology.* Edisi ke-3. Collier Macmillan, London.
- Lindmark-Mansson, H., Branning C., Alden G. dan Paulsson M. 2006. Relationship between Somatic Cell Count, Individual Leukocyte Populations and Milk Components in Bovine Udder Quarter Milk. *International Dairy J.* 16: 717-727.
- Maddison, J.E., S.W. Page dan D.B. Church. 2008. *Small Animal Clinical Pharmacology.* Second Edition. Saunders Elsevier, China.
- Markey, Bryan, Finola Leonard, Marie A., Ann Culinane dan Dores Maguire. 2013. *Clinical Veterinary Microbiology.* Edisi ke-2. Elsevier, China. 83.

- Mims, Cedric, Hazel Dockrell, Richard Goering, Ivan R., Derek W. dan Mark Z. 2004. *Medical Microbiology*. Edisi ke-3. Mosby, London. 474-511.
- Murray, P.R., E.J. Baron, J.H. Jorgensen, M.A. Pfaller dan R.H. Tenover. 2007. *Manual Clinical Microbiology*. Edisi ke-9. American Society for Microbiology. Washington DC.
- Mutschler, Ernst. 1999. *Dinamika Obat*. Penerbit Institut Teknologi Bandung, Bandung. 634-652, 656.
- Nurhadi, Muhamad. 2012. *Kesehatan Masyarakat Veteriner*. Grosyten Publishing, Yogyakarta. 7-9.
- Nurwantoro dan Sri Mulyani. 2003. *Buku Ajar Dasar Teknologi Hasil Ternak*. Fakultas Peternakan Universitas Diponegoro, Semarang. 30-33.
- Papich, G. M. 2007. *Saunders Handbook of Veterinary Drugs*. Edisi ke-2. Saunders Elsevier Inc., Missouri.
- Pelczar M.J.Jr. dan Chan E.C.S. 2007. *Dasar-Dasar Mikrobiologi*. Volume ke-4. Penerjemah: Hadioetomo R.S., Imas T., Tjitrosomo S.S., dan Angka S.L., judul buku asli *Elements of Microbiology*. Universitas Indonesia Press, Depok.
- Poernomo, S., Sutarma dan Sang Ayu Ketut Dewi Silawatri. 1997. *Haemophilus paragallinarum* pada Ayam di Indonesia: III. Uji Sensitivitas *Haemophilus paragallinarum* dari Ayam Penderita Snot terhadap Obat Antimikroba. *Jurnal Ilmu Ternak dan Veteriner*. 2 (4): 267-269.
- Preez, J.H. 2000. Bovine Mastitis Therapy and Why It Fails. *S.Afr. Vet. Ver.* 71(3): 201-208.
- Quinn, P.J., Markey, B.K., Carter M.E., Donnelly, W.J. dan Leonard, F.C. 2002. *Veterinary Microbiology and Microbial Disease*. Edisi ke-2. Blackwell Science, Philadelphia. 106-124.
- Radostits, O.M., Gay, G.C., Blood, D.C. dan Hinchkliff, K.W. 2000. Bovine Mastitis. In: *A Textbook of Cattle, Sheep, Pigs, Goat, and Horse. Veterinary Medicine*. Edisi ke-9. ELBS and Bailliere Tindall, Philadelphia. 540-544.
- Raharjo, Anggraini L. 2015. *Perbedaan Sensitivitas Staphylococcus sp. Isolat Susu Sapi Perah Koperasi Peternak Sapi Bandung Utara (KPSBU) terhadap Beberapa Antibiotik*. Skripsi. Fakultas Kedokteran Hewan Universitas Gadjah Mada.
- Rajeev, Ranjan, M. K. Gupta, Satparkash Singh dan Sanjeev Kumar. 2010. Current Trend of Drug Sensitivity in Bovine Mastitis. *Veterinary World*. 3 (1): 17-20.

- Ravel, R. 1978. *Clinical Laboratory Medical. Clinical Application of Laboratory Data*. Edisi ke-3. Year Book Medical Publisher, Chicago.
- Saleh, Eniza. 2004. *Dasar Pengolahan Susu dan Hasil Ikutan Ternak*. Universitas Sumatra Utara Prees, Medan. 7-9.
- Sawant A.A., Sordillo L.M. dan Jayarao B.M. 2005. A Survey on Antibiotic Usage in Dairy Herds in Pennsylvania. *J. Dairy Sci.* 88: 2991-2999.
- Setyabudi R. 2007. Pengantar Antimikroba. Dalam: Sulistia G.G. (ed). *Farmakologi dan Terapi*. Edisi ke-5. Universitas Indonesia Press, Jakarta. 585-598.
- Songer J.G. dan Post K.W. 2005. *Veterinary Microbiology Bacterial and Fungal Agents of Animal Disease*. Elsevier Saunders, China.
- Subronto. 2008. *Ilmu Penyakit Ternak II*. Gajah Mada Univ. Press, Yogyakarta. 210-250.
- Sudarwanto M. 1997. Milkchecker, Suatu Alat untuk Mendeteksi Mastitis Subklinik. *Med.Vet.* (4):1
- Sudarwanto M. 1999. Yogyakarta: Usaha Peningkatan Produksi Susu Melalui Program Pengendalian Mastitis Subklinik. *Orasi Ilmiah Guru Besar tetap Ilmu Kesehatan Masyarakat Veteriner FKH-IPB*. Institut Pertanian Bogor, Bogor.
- Sudarwanto M., H. Latif dan M. Noordin 2006. *The Relationship of The Somatic Cell Counting to Sub-Clinical Mastitis and to Improve Milk Quality*. Jakarta, July 12-13, 2006.
- Sugiri, Yoni Darmawan dan Akira Anri. 2010. Prevalensi Patogen Penyebab Mastitis Subklinik (*Staphylococcus aureus* dan *Streptococcus agalactiae*) dan Patogen Penyebab Mastitis Subklinik Lainnya pada Peternak Skala Kecil dan Menengah di Beberapa Sentra Peternakan Sapi Perah di Pulau Jawa.
- Supar dan Ariyanti T. 2002. *Kajian Pengendalian Mastitis Subklinik pada Sapi Perah*. Balai Besar Penelitian Veteriner, Bogor.
- Todar, K. 2008. *Staphylococcus aureus and Staphylococcal Disease, Todar's Outline textbook of Bacteriology*. <http://textbookofbacteriology.net>
- Vasil, M. 2009. Etiology, Course and Reduction of Incidence of Environment of Dairy Cows. *Slovak Journal of Animal Science*. 42: 136-144.

- Virgihani, Krisnia. 2011. *Tinjauan Resistensi Streptococcus agalactiae Penyebab Mastitis Subklinis di Peternakan Sapi Perah Kunak Bogor Terhadap Beberapa Antibiotik (Studi Kasus)*. Skripsi. 17-24.
- Wagner S. dan Erskine R. 2006. *Antimicrobial Drug Use in Bovine Mastitis*. In: *Antimicrobial Therapy in Veterinary Medicine*. Edisi ke-4. Giguere S., Prescott J.D., Baggot R.D. et al. (eds). Blackwell, Oxford.
- Wahyuni A.E.T.H., Wibawan I.W.T. dan Wibowo M.H. 2005. Karakteristik Hemaglutinasi *Streptococcus agalactiae* dan *Staphylococcus aureus* Penyebab Mastitis Subklinis pada Sapi Perah. *Jurnal Sains Veterineri*. 23 (2): 14-19.
- Wahyuni, A.E.T.H. 2008. Tingkat Kejadian Mastitis Subklinis pada Sapi Perah di Beberapa Wilayah DIY, Jateng, dan Jatim. *Proceeding Seminar Nasional Fakultas Peternakan Universitas Gadjah Mada Yogyakarta 2008*.
- Wahyuni, A.E.T.H. 2011 Bakteri Patogen yang Diisolasi dari Susu Kambing Peranakan Ettawa (PE) di Sayegan, Sleman, Yogyakarta. Dalam: *Prosiding Seminar Nasional Peternakan Berkelanjutan III Road to Green Farming*, diedit Yunasat U., Jasmal, A.S., Osfar, S., dkk., Bandung.
- Wahyuni, A.E.T.H., Doddy Yudha Buntara, Agustina D.W. dan Aulia Rhiyahayu. 2014. Deteksi *Staphyococcus* Patogen (*Staphyococcus aureus* dan *Staphyococcus intermedius*) dalam Susu Kambing Peranakan Ettawah (PE) serta Sensitivitas dan Resistensi terhadap Antibiotik. *Prossiding Seminar Nasional Ilmu Pengetahuan dan Teknologi Jenderal Achmad Yani*. 89-93.
- Wattimena, J.R., Sugiarto N.C., Sukandar E.Y., Widiyanto M.B., Soemardji A.A. dan Setiadi A.R. 1991. *Farmakodinamik dan Terapi Antibiotik*. Universitas Gadjah Mada Press, Yogyakarta. 60-62.
- Watts, J.L., T.R. Shryock, M. Apley, D.J. Bade, S.D. Brown, J.T. Gray, H. Heine, R.P. Hunter, D.J. Mevius, M.G. Papich, P. Silley dan G.E. Zurenko. 2008. *Performance Standars for Antimicrobial Disk and Dilution Susceptibility Test for Bacteria Isolated from Animals; Approved Standard*. Edisi ke-3. CLSI.
- Wibawan, I.W.T., Ch. Lammler dan F.H. Pasaribu. 1997. Role of Hydrophobic Surface Proteins in Mediating Adherence of Group B *Streptococci* to Epithelial Cells. *J. Gen Microbiol*. 138:1237-1242.