

DAFTAR PUSTAKA

- Addis, S.A and A.Y. Desalegn. 2018. Comparative Seroepidemiological Study of Brucellosis in Sheep under Smallholder Farming and Governmental Breeding Ranches of Central and North East Ethiopia Shimeles Abegaz Addis and Andualem Yimer Desalegn. *Hindawi Journal of Veterinary Medicine*. Vol 2018: 1-12.
- Adjid, R.M.A. 2004. Strategi Pengendalian Penyakit Reproduksi Menular untuk Meningkatkan Efisiensi Reproduksi Sapi Potong. *Wartazoa*. Vol 14(3): 125-132.
- Ahmed, N. A. E. A. A. 2016. Invitro Testing of The Antibacterial Effect of Some Medicinal Plants against *Brucella abortus* of Isolated cattle in Sudan [Doctoral Dissertation]. Veterinary Science Faculty. University of Khrtoum. Page 4-5.
- Alamian, S., M. Dadar, S. Soleimani, A. M. Behrozikhah, and A. Etemadi. 2019. A Case of Identity Confirmation of *Brucella abortus* S99 by Phage Typing and PCR Methods. *Archives of Razi Institute*. 74(2): 127-133.
- Alhabbab, R.Y. 2018. *Basic Serological Testing*, Techniques in Life Science and Biomedicine for the Non-Expert Page 63-75.
- Al Tahir, M.O. 2016. Estimation of Brucella Antibodies among Febrile Patients attending Al Matamma Hospital (Sudan). *African Journal of Medical Sciences*. Vol 1(1): 1-7.
- Amanatin. 2012. Kajian Infeksi *Brucella abortus* pada Sapi Perah Menggunakan Uji Serologik dan *Polymerase Chain Reaction* (PCR). [M.Sc. Thesis]. Institut Pertanian Bogor.
- Arif, S., P. C. Thomson., M. Hernandez-Jover., D. M. McGill, H. M. Warriach, K. Hayat, and J. Heller. 2019. Bovine Brucellosis in Pakistan; an Analysis of Engagement with Risk Factors in Smallholder Farmer Settings. *Veterinary Medicine and Science*. Vol 5: 390–401.
- Asakura, S., 2018. Exploration of Sustainable and Affordable Control Options of Bovine Brucellosis in The Endemic Zone in Tanzania [Doctoral Dissertation]. Rakuno Gakuen University. Page 10-11.
- Astarina, D.K., E. S. Pribadi, and F. H. Pasaribu. 2018. Penggunaan Imunostik sebagai Uji Serologi untuk Deteksi *Brucella abortus* pada Sapi. *Jurnal Veteriner*. 19(2): 169-176.

- Azzahrawani, N., E. Martalina., S. Herman., dan A. Adillah. 2018. Investigasi Outbreak Bovine Brusellosis di Pulau Bengkalis Tahun 2018. Hal 390-392. Dinas Pertanian Kabupaten Bengkalis.
- [BARANTAN] Badan Karantina Pertanian. 2010. Keputusan Kepala Badan Karantina Pertanian No. 385/Kpts/KP.430/L/5/2010 Tentang Pedoman Pengujian Untuk Penyakit Bakterial. Jakarta: Kementerian Pertanian Republik Indonesia
- Basri, C. dan B. Sumiarto. 2017. Taksiran Kerugian Ekonomi Penyakit Kluron Menular (Brucellosis) pada Populasi Ternak di Indonesia. *Jurnal Veteriner*. 18(4): 547-556.
- [BBVet Wates] Balai Besar Veteriner Wates. 2019. Peta Penyakit Hewan dan Kesmavet tahun 2018. Direktorat Jenderal Peternakan dan Kesehatan Hewan, Kementerian Pertanian RI.
- Besung, I.N.K., N. K. Suwiti., I. G. Suarjana. 2015. Seroepidemiologi Brucellosis pada Sapi Bali di Nusa Tenggara Barat sebagai Upaya Deteksi Dini Kejadian Penyakit. Fakultas Kedokteran Hewan: Universitas Udayana.
- Cárdenas, L., M. Peña, O. Melo, and J. Casal. 2019. Risk Factors for New Bovine Brucellosis Infections in Colombian Herds. *BMC Veterinary Research*. 15(1): 81.
- Cardoso P.G., G. C. Macedo., V. Azevedo., and S. C. Oliveira. 2006. *Brucella* spp Noncanonical LPS: Structure, Biosynthesis, and Interaction with Host Immune System. *Microbial Cell Factories*. Vol 5(13): 1-11.
- Corbel, M.J., 2006. Brucellosis in humans and animals. World Health Organization.
- Dabassa, G., M. Tefera, and M. Addis. 2013. Small Ruminant Brucellosis: Serological Survey in Yabello District, Ethiopia. *Asian Journal of Animal Sciences*. Vol 7(1): 14-21.
- Dhinata, Y.P. 2013. Pemeriksaan Brucellosis Pada Babi di Peternakan Babi Desa Njimin Kecamatan Krebak Kramat Kabupaten Karang Anyar Menggunakan *Rose Bengal Test* (RBT) dan *Complement Fixation Test* (CFT). [Skripsi]. Fakultas Kedokteran Hewan. Universitas Airlangga. Hal. 30.
- Diaz, A.G., D. A. Quinteros, F. A. Paolicchi, M. A. Rivero, S. D. Palma, R. P. Pardo, M. Clausse, V. Zylberman, F. A. Goldbaum, and S. M. Estein. 2019. Mucosal Immunization with Polymeric Antigen Blsomp31 Using Alternative Delivery Systems Against *Brucella ovis* in Rams. *Veterinary Immunology and Immunopathology*. Vol 209: 70-77.

- [Dirkeswan] Direktorat Kesehatan Hewan. 2015. Road Map Pengendalian dan Penanggulangan Brucellosis. Direktorat Jenderal Peternakan dan Kesehatan Hewan, Kementerian Pertanian Republik Indonesia. Jakarta.
- [Dirkeswan] Direktorat Kesehatan Hewan. 2017. Laporan Tahunan 2017. Direktorat Kesehatan Hewan, Direktorat Jenderal Peternakan dan Kesehatan Hewan, Kementerian Pertanian Republik Indonesia. Jakarta.
- [Dirkeswan] Direktorat Kesehatan Hewan. 2018. Peta Status dan Situasi Penyakit Hewan Nasional tahun 2017, Direktorat Jenderal Peternakan dan Kesehatan Hewan, Kementerian Pertanian Republik Indonesia. Jakarta.
- Dwi, W. K., W. Tyasningsih, R. N. Praja, I. S. Hamid, S. Sarudji, dan M. T. E. Purnama. 2018. Deteksi Antibodi *Brucella* pada Sapi Perah di Kecamatan Purwoharjo Kabupaten Banyuwangi dengan Metode Rose Bengal Test (RBT). *Jurnal Medik Veteriner*. Vol 1(3): 142-147.
- Ernawati, R., A. P. Rahardjo, N. Sianita, J. Rahmahani, F. A. Rantam, dan Suwarno. 2017. Petunjuk Praktikum Pemeriksaan Virologik dan Serologik. Laboratorium Virologi dan Imunologi Departemen Mikrobiologi Veteriner. Fakultas Kedokteran Hewan Universitas Airlangga.
- Ficht, T., 2010. *Brucella* taxonomy and evolution. *Future microbiology*. Texas A&M University. USA. Vol 5(6): 859-866.
- Figueiredo, P., T. A. Ficht, A. Rice-Ficht, C. A. Rossetti, and L. G. Adams. 2015. Pathogenesis and Immunobiology of Brucellosis: Review of *Brucella*-Host Interactions. *The American Journal of Pathology*. Vol 185(6): 1505-1517.
- Galinska., E.M and Jerzy, Z. 2013. Brucellosis in humans – etiology, diagnostics, clinical forms. *Annals of Agricultural and Environmental Medicine*. Vol 20(2): 233–238.
- Garcell, H.G., E.G. Garcia., P.V. Pueyo, I.R. Martín., A.V. Arias., and R.N.A Serrano. 2016. Outbreaks of Brucellosis related to the consumption of unpasteurized camel milk. *Journal of infection and public health*. Vol 9(4): 523-527.
- Getachew, T., G. Getachew, G. Sintayehu, M. Getenet, and A. Fasil. 2016. Bayesian Estimation of Sensitivity and Specificity of Rose Bengal, Complement Fixation, and Indirect ELISA Tests for The Diagnosis of Bovine Brucellosis in Ethiopia. *Veterinary Medicine International*. Vol 2016:1-5.

- Ghurafa, R., D. Lukman, dan H. Latif. 2019. Indirect Enzyme Linked Immunosorbent Assay Sebagai Metode untuk Melacak Bruselosis pada Sapi Perah. *Jurnal Veteriner*. Vol 20(1): 30-37.
- Golshani, M. and S. Buozari. 2017. A Review of Brucellosis in Iran: Epidemiology, Risk Factors, Diagnosis, Control, and Prevention. *Iranian Biomedical Journal*. Vol 21(6): 349.
- Handayani, T. 2013. Pengembangan Kandidat Vaksin Iradiasi *Brucella Abortus* Isolat Lapang. [M.Sc. Thesis]. INSTITUT PERTANIAN BOGOR.
- Handayani, T., S. M. Noor, dan F. H. Pasaribu. 2018. Isolasi *Brucella abortus* dari cairan higroma dan susu. *ARSHI Veterinary Letters*. Vol 2(3): 55-56.
- Ilham, N., 2016. Kebijakan Pengendalian Harga Daging Sapi Nasional. Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian. Vol 7(3): 211-221.
- Islam, S., A. Islam, M. Khatun, S. Saha, S. Basir, dan M. Hasan. 2018. Molecular Detection of *Brucella* spp. from Milk of Seronegative Cows from Some Selected Area in Bangladesh. *Journal of pathogens*. Vol 2018: 1-7.
- Kaden, R., S. Ferrari, T. Jinnerot, M. Lindberg, T. Wahab, and M. Lavander. 2018. *Brucella abortus*: Determination of Survival Times and Evaluation of Methods for Detection in Several Matrices. *BMC Infectious Diseases*. Vol 18(1): 259.
- Kaltungo, B. Y., S. N. A. Saidu, A. K. B. Sacey, and H. M. A. Kazeem. 2014. Review on Diagnostic Techniques for Brucellosis *African Journal of Biotechnology*. Vol 13: 1-10.
- Karsen, H., N. Sokmen., F. Duygu., I. Binici., H. Taskiran. 2011. The False Seronegativity of Brucella Standard Agglutination Test: Prozone Phenomenon. *Journal of Microbiology and Infectious Diseases*. Vol 1 (3):110-113.
- [Kementan] Kementerian Pertanian. 2013. Keputusan Menteri Pertanian (Kepmentan) Nomor 4026/Kpts./OT.140/3/2013 tentang Penetapan Jenis Penyakit Hewan Menular Strategis. Jakarta (ID): Kementan.
- Khan, M. Z. and M. Zahoor. 2018. An Overview of Brucellosis in Cattle and Humans, and Its Serological and Molecular Diagnosis in Control Strategies. *Tropical Medicine And Infectious Disease*. Vol 3(2): 65.
- Lecchi, C., C. Catozzi, V. Zamarian, G. Poggi, G. Borriello, A. Martucciello, D. Vecchio, E. DeCarlo, G. Galiero, and F. Ceciliani. 2019. Characterization of Circulating Mirna Signature in Water Buffaloes (*Bubalus bubalis*)

- During *Brucella abortus* Infection and Evaluation as Potential Biomarkers for Non-Invasive Diagnosis in Vaginal Fluid. *Scientific Reports*. Vol 9(1): 1945.
- Ledwaba, M. B., C. Gomo., K. E. Lekota., P. Le Flèche., A. Hassim., G. Vergnaud., and H. van Heerden. 2019. Molecular Characterization of *Brucella* Species from Zimbabwe. *PLoS Neglected Tropical Diseases*. Vol 13(5): e0007311.
- Machavarapu. M., R. Poonati., P. C. Mallepaddi., V. V. Gundlamadugu., S. Raghavendra., K. K. B. Polavarapu., and R. Polavarapu. 2019. Endemic Brucellosis in Indian Animal and Human Populations: A Billion Dollar Issue. *Current Trends in Biotechnology and Pharmacy*. Vol 13(2): 112-123.
- Martins, H., B. Garin-Bastuji., F. Lima., L. Flor., A. Pina Fonseca., F. Boinas. 2009. Eradication of bovine brucellosis in the Azores, Portugal—Outcome of a 5-year programme (2002–2007) based on test-and-slaughter and RB51 vaccination. *Preventive Veterinary Medicine* 90: 80–89
- Mohamed, G.E., A. A. Alaidan., and A. A. Al-hakail. 2015. Host Response to *Brucella* Infection: Review and Future perspective. *Journal of Infection in Developing Countries*. Vol 9(7):697-701.
- Mota, A.L.A., F. Ferreira, J. S. F. Neto, R. A. Dias, M. Amaku, J. H. H. Grisi-Filho, E. O. Telles, and V. S. P. Gonçalves. 2016. Large-Scale Study of Herd-Level Risk Factors for Bovine Brucellosis in Brazil. *Acta Tropica*. Vol 164: 226-232.
- Muslimin, L., A. T. Bangsawan, dan S. Utami. 2017. Brucellosis Identification On Farmers In Pinrang District. *Nusantara Medical Science Journal*. Vol 2(1): 33-37.
- Neta, A. V. C., J. P. S. Mol, M. N. Xavier, T. A. Paixao, A. P. Lage, R. L. Santos. 2010. Pathogenesis of Bovine Brucellosis. *The Veterinary Journal*. Vol 184: 146-155.
- Noor, S. M. 2006. Brucellosis: Penyakit Zoonosis yang Belum Banyak Dikenal di Indonesia. *Wartazoa*. Vol 16(1): 31-39.
- Norman, F. F., B. Monge-Maillo, S. Chamorro-Tojeiro, J. Pérez-Molina, and R. López-Vélez. 2016. Imported Brucellosis: A Case Series and Literature Review. *Travel Medicine and Infectious Disease*. Vol 14(3): 182-199.
- Nurcahyo, W. dan D. Priyowidodo. 2019. Toksoplasmosis pada Hewan. Yogyakarta: Samudra Biru .

- [OIE] Office International des Epizooties. 2018. Manual of Diagnostic Test and Vaccines for Terrestrial Animals : Brucellosis. Page 355-398.
- Onsa, R.A.H., F. M. Hamid., E. I. Elshafie., E. A. Muna., and G. E. Mohammed. 2018. Production of Modified Rapid Serum Agglutination Antigen for Serodiagnosis of Contagious Bovine Pleuropneumonia (CBPP). *Journal of Advances in Microbiology*. Vol 13(3): 1-7
- Parthiban, S., M. Prabhu., N. S. Anne., S. Malmarugan., and J. J. Rajeswar. 2019. Serum Based Screening and Molecular Detection of Brucellosis in Ruminants. *Indian Journal of Biotechnology*. Vol 18: 22-25.
- Poester, F.P., K. Nielsen., L. E. Samartino., and W. L. Yu. 2010. Diagnosis of Brucellosis. *The Open Veterinary Science Journal*. Vol 4: 46-60.
- Praja, R.N., D. Handijatno., S. Koesdarto., A. Yudhana. 2017. Karakterisasi Protein VirB4 *Brucella abortus* Isolat Lokal dengan Teknik Sodium Dodecyl Sulfate Polyacrylamide Gel Electrophoresis. *Jurnal Veteriner*. Vol 18(3): 416-421.
- Priyanka, B. N. S., dan S. K. Kashyap. 2019. Bovine brucellosis: A review on background information and perspective. *Journal of Entomology and Zoology Studies*. Vol 7(2): 607-613.
- Rahman, A. K. M. A., S. Smit,, B. Devleesschauwer., P. Kostoulas., E. Abatih., C. Saegerman., M. Shamsuddin., D. Berkvens., N. K. Dhand., and M. P. Ward. 2019. Bayesian Evaluation of Three Serological Tests for The Diagnosis of Bovine Brucellosis in Bangladesh. *Epidemiologi and Infeksi*. Vol 147: 1-9.
- Rohyati, E., N. N. Toelle., dan E. R. Hau. 2018. Uji Tapis Brusellosis Pada Sapi di RPH Oeba Kota Kupang dengan Menggunakan Uji RBT. Jurusan Tanaman Pangan dan Hortikultura. Politeknik Pertanian Negeri Kupang.
- Rostandi, Y.A. 2017. Penggunaan Kertas Saring (*Filter Paper*) sebagai Media Transpor Alternatif dalam Pengambilan Sampel Darah Utuh pada Sapi untuk Pengujian *Brucella Sp.* [M.Sc. Thesis]. Institut Pertanian Bogor.
- Samkhan, R. Ikaratri., dan M.F. Isnaini. 2015. Rencana Pendahuluan Road Map untuk Pembebasan Brucellosis di Pulau Jawa Tahun 2020. *Buletin Laboratorium Veteriner*. Vol 15(4): 1-9.
- Seleem, M.N., S. M. Boyle., and N. Sriranganathan. 2010. Brucellosis: a re-emerging zoonosis. *Veterinary microbiology*. Vol 140: 392-398.
- Sujarweni, V.W. dan P. Endrayanto. 2012. Statistika Untuk Penelitian.

- Suwarno., L. N. Azizah., dan A. Samik. 2014. Deteksi Antibodi *Brucella* pada Sapi yang Dipotong di RPH Krian Kabupaten Sidoarjo dengan *Rose Bengal Test* (RBT). Fakultas Kedokteran Hewan Universitas Airlangga. *Veterinaria Medika*. Vol 7(2): 146-147.
- Softic, A., K. Asmare., E.G. Granquist., J. Godfroid., N. Fejzic., and E. Skjerve. 2018. The Serostatus of *Brucella spp.*, *Chlamydia Abortus*, *Coxiella Burnetii* and *Neospora Caninum* in Cattle in Three Cantons in Bosnia and Herzegovina. *BMC Veterinary Research*. Vol 14(1): 40.
- Vafaii, I., M. A. Rezaee., B. Abdinia., and K. Kolahdouzan. 2019. Epidemiology, Clinical Manifestations, Laboratory Findings and Outcome of Brucellosis in Hospitalized Children in Northwest of Iran. *Journal of Patient Safety and Quality Improvement*. Vol 7(1): 19-23.
- Wang, L., J. Cui., M. B. Misner., and Y. Zhang. 2018. Sequencing and Phylogenetic Characterization of *Brucella canis* Isolates, Ohio, 2016. *Transboundary and Emerging Diseases*. Vol 65(4): 944-948.
- Wareth, G., F. Melzer., M. El-Diasty., G. Schmoock., E. Elbauomy., N. Abdel-Hamid., A. Sayour., and H. Neubauer. 2017. Isolation of *Brucella abortus* from a Dog And a Cat Confirms Their Biological Role in Re-Emergence and Dissemination of Bovine Brucellosis on Dairy Farms. *Transboundary and Emerging Diseases*. Vol 64(5): 27-30.
- Wellinghausen, N., M. Abele-Horn., O. D. Mantke., M. Enders., V. Fингеле., B. Gartner., J. Hagedorn., H. F. Rabenau., I. Reiter-Owona., K. Tintelnot., M. S. Weig., H. Zeinchhardt., and K. Hunfeld. 2018. Immunological Methods for the Detection of Infectious Diseases. German. pages 35-36.
- Winarsih, W. H. 2018. Penyakit Ternak yang Perlu Diwaspadai Terkait Keamanan pangan. *Cakrawala Jurnal*. Vol 12(2): 208-221.
- Yasmin, B., and S. A. Lone. 2015. Brucellosis: An Economically Important Infection. *Journal of Medical Microbiology & Diagnosis*. Vol 4(4): 1-8.
- Yu, W.L. and K. Nielsen. 2010. Review of Detection of *Brucella spp.* by Polymerase Chain Reaction. *Croatian Medical Journal*. Vol 51(4): 306-313.
- Zhen, Q., Y. Lu., X. Yuan., Y. Qiu., J. Xu., W. Li., Y. Ke., Y. Yu., L. Huang., Y. Wang., and Z. Chen. 2013. Asymptomatic Brucellosis Infection in Humans: Implications for Diagnosis and Prevention. *Clinical Microbiology and Infection*. Vol 19(9): 395-397.

Zeng, H., Y. Wang., X. Sun. X., P. Liu., Q. Xu., D. Huang., L. Gao., S. You., and B. Huang. 2019. Status and Influencing Factors of Farmers' Private Investment in The Prevention and Control of Sheep Brucellosis in China: A Cross-Sectional Study. *PLoS Neglected Tropical Diseases*. Vol 13(3): e0007285