

## DAFTAR PUSTAKA

- Albooq, M. E., Aljahdali, M. O., & Zelai, N. T. (2025). Prevalence of *Theileria equi* in Horses from Taif and Jeddah, Saudi Arabia, Using Microscopic and ELISA Techniques. *Parasitologia*, 5(2), 1–14. <https://doi.org/10.3390/parasitologia5020014>.
- Altay, K., Erol, U., Sahin, O. F., & Aytmirzakizi, A. (2022). First Molecular Detection of *Anaplasma* Species in Cattle from Kyrgyzstan; Molecular Identification of Human Pathogenic Novel Genotype *Anaplasma capra* and *Anaplasma phagocytophilum* Related Strain. *Ticks and Tick-Borne Diseases*, 13(1). <https://doi.org/10.1016/j.ttbdis.2021.101861>.
- Anwar, A. (2009). *Statiska untuk Penelitian Pendidikan*. Kediri: IAIT Press.
- Athanasiou, L. V., Katsogiannou, E. G., Tyrnenopoulou, P., Gougoulis, D., Apostolidis, K. N., Papadakis, S. M., Kokkinaki, K. C. G., Papatsiros, V. G., & Tsokana, C. N. (2023). Evidence of Horse Exposure to *Anaplasma phagocytophilum*, *Borrelia burgdorferi*, and *Leishmania infantum* in Greece through the Detection of IgG Antibodies in Serum and in an Alternative Diagnostic Sample—The Saliva. *Biomolecules*, 13(9), 1–16. <https://doi.org/10.3390/biom13091374>.
- Badan Pusat Statistik. (2024). *Populasi ternak menurut kabupaten/kota dan jenis ternak di Provinsi Nusa Tenggara Barat (ekor)*. BPS Provinsi Nusa Tenggara Barat. Diakses pada tanggal 31 Desember 2025 melalui <https://ntb.bps.go.id/id/statistics-table/3/UzJWaVUxZHdWVGxwU1hSd1UxTXZlbnRITjA1Q2R6MDkjMw==/populasi-ternak-menurut-kabupaten-kota-dan-jenis-ternak-di-provinsi-nusa-tenggara-barat--ekor---2024.html>.
- Bisen, S., Aftab, A., Jeeva, K., Chandra, D., & Raina, O. K. (2023). Prevalence of *Anaplasma marginale* in Water Buffaloes (*Bubalus bubalis*) in the State of Uttar Pradesh, North India. *Indian J of Anl Research*. 57(4), 522–526 <https://doi.org/10.18805/IJAR.B-4765>.
- Bland J.M. & Altman D.G. 2000. The Odds Ratio. *British Medical Journal*. 320, 1468.
- Bogdan, A. M., Mitrea, I. L., & Ionita, M. (2024). Equine Granulocytic Anaplasmosis: A Systematic Review and Meta-Analysis on Clinico-Pathological Findings, Diagnosis, and Therapeutic Management. *Veterinary Sciences*, 11(6). <https://doi.org/10.3390/vetsci11060269>.

- Brown, J. H., Pilliner, S., & Davies, Z. (2003). *Horse and Stable Management 4thEd*. Oxford: Blackwell Publishing.
- Chien, R. C., Mingqun, L., Yan, Q., Randolph, N., Huang, W., Wellman, M., Toribio, R., & Rikihisa, Y. (2023). Strains of *Anaplasma phagocytophilum* from Horses in Ohio Are Related to Isolates from Humans in The Northeastern USA . *Microbiology Spectrum*, 11(6), 1–12. <https://doi.org/10.1128/spectrum.02632-23>.
- Dash, S. R., & Sahu, M. K. (2025). Comparative study of histopathological changes in chronic vs. acute inflammatory diseases. *Journal of Neonatal Surgery*, 14(1), 361–366. <https://doi.org/10.52783/jns.v14.1548>.
- de Oliveira, F. C. R., Rolim, M. F., Gallo, S. S. M., Quirino, C. R., & Ederli, N. B. (2020). Equine Granulocytic Anaplasmosis, A Neglected Disease: Risk Factors Associated with Prevalence of Antibodies in Equines. *The Open Microbiology Journal*, 14(1), 218–228. <https://doi.org/10.2174/1874285802014010218>.
- Demann, F., & Wegner, K. M. (2019). Infection by Invasive Parasites Increases Susceptibility of Native Hosts to Secondary Infection via Modulation of Cellular Immunity. *Journal of Animal Ecology*, 88(3), 427–438. <https://doi.org/10.1111/1365-2656.12939>.
- Ebani, V. V. (2019). Serological Evidence of *Anaplasma phagocytophilum* and Spotted Fever Group *Rickettsia* spp. Exposure in Horses from Central Italy. *Pathogens*, 8(3). <https://doi.org/10.3390/pathogens8030088>.
- Erikania, J.. (2017). *Kuda Sandalwood, Pembalap Tangguh dari Tanah Sumba. National Geographic Indonesia*. Diakses pada tanggal 31 Desember 2025 melalui <https://nationalgeographic.grid.id/read/13307913/kuda-sandalwood-pembalap-tangguh-dari-tanah-sumba>.
- Gaina, C. D., & Foeh, N. D. F. K. (2019). Studi Performa Umum Tubuh Dan Status Fisiologis Kuda Sumba. *Jurnal Kajian Veteriner*, 6(2), 38–44. <https://doi.org/10.35508/jkv.v6i2.376>.
- Happi, A. N., Toepp, A. J., Ugwu, C. A., Petersen, C. A., & Sykes, J. E. (2018). Detection and Identification of Blood-borne infections in Dogs in Nigeria Using Light Microscopy and The Polymerase Chain Reaction. *Veterinary Parasitology: Regional Studies and Reports*, 11, 55–60. <https://doi.org/10.1016/j.vprsr.2017.12.002>.
- Hostetter, S. J., Clark, S. K., Gilbertie, J. M., Wiechert, S. A., Jones, D. E., Sponseller, B. A. (2017). Age-Related Variation in The Cellular

- Composition of Equine Bronchoalveolar Lavage Fluid. *Vet Clin Pathol.* 46(2):344-353. doi: 10.1111/vcp.12473.
- Jajosky, R. P. (2023). Clarifying The Terms Parasitemia, Parasite Density, and Parasite Count. *Transfusion and Apheresis Science*, 62(6). <https://doi.org/10.1016/j.transci.2023.103788>.
- Jamil, A., Yu, Z., Wang, Y., Xin, Q., Gao, S., Abdul Wahab, M., Han, X., & Chen, Z. (2024). Tick-borne Rickettsia, Anaplasma, Theileria, and Enzootic Nasal Tumor Virus in Ruminant, PET, and Poultry Animals in Pakistan. *Frontiers in Microbiology*, 15. <https://doi.org/10.3389/fmicb.2024.1359492>.
- Karlsen, A., Vojtek, B., Mojišová, J., Prokeš, M., & Dráovská, M. (2020). Anaplasmosis in Animals. *Folia Veterinaria*, 64(4), 17–26. <https://doi.org/10.2478/fv-2020-0033>.
- Key, Y. K. T., & Apriwan, F. (2023). Kuda dan Orang Sumba : Dinamika Orang Kodi dalam Menjalankan Tradisi. *Judul Kusa Lawa*, 03(01), 1–23.
- Khan, N. U. (2019). Prevalence and Risk Factors Analysis Associated with Anaplasmosis in Symptomatic Cattle under Field Conditions in Southern Khyber Pakhtoonkhwa, Pakistan. *Pure and Applied Biology*, 8(4), 2119–2127. <https://doi.org/10.19045/bspab.2019.80156>.
- Kim, H.-Y. (2017). Statistical Notes for Clinical Researchers: Chi-squared Test and Fisher's Exact Test. *Restorative Dentistry & Endodontics*, 42(2), 152. <https://doi.org/10.5395/rde.2017.42.2.152>
- Klotins, E., Unterkalmsteiner, M., Chatzipetrou, P., Gorschek, T., Prikladnicki, R., Tripathi, N., & Pompermaier, L. B. (2021). Use of Agile Practices in Start-Up Companies. *E-Informatica Software Engineering Journal*, 15(1), 47–64. <https://doi.org/10.37190/e-Inf210103>.
- Li, M., Gao, Q., & Yu, T. (2023). Kappa Statistic Considerations in Evaluating Inter-Rater Reliability Between Two Raters: Which, When and Context Matters. *BMC Cancer*, 23, 799. <https://doi.org/10.1186/s12885-023-11325-z>
- Logan, A. A., & Nielsen, B. D. (2021). Training young horses: The Science Behind The Benefits. *Animals*, 11(2), 1–13. <https://doi.org/10.3390/ani11020463>.
- Lohmann, K. L., James, C. R., Higgins, S. N., Howden, K. J., & Epp, T. (2019). Disease Investigations for Equine Infectious Anemia in Canada (2009-2012)-Retrospective Evaluation and Risk Factor Analysis.

- Canadian Veterinary Journal*, 60(11), 1199–1206. file:///C:/Users/HP11/Downloads/cvj\_11\_1199.pdf.
- Marzok, M., Gattan, H. S., Albokhadaim, I., Alruhaili, M. H., Salem, M., & Selim, A. (2024). Seroprevalence and Risk Factors Associated with *Anaplasma phagocytophilum* Infection in Horses in Egypt. *Kafkas Universitesi Veteriner Fakultesi Dergisi*, 30(6), 787–792. <https://doi.org/10.9775/kvfd.2024.32527>.
- Mayaki, A. M., Likita, Y. I., Alaba, O. A., Adah Osereime, Akinniyi, O. O., Ajani, T. F., Azeez, O. I., Oyagbemi, A. A., Omoniwa, D. O., Ohore, O. G., & Omobowale, T. O. (2025). Age, Sex, Breed and Activity-Related Effects on Some Haematological Parameters of Horses in South Western Nigeria. *Sahel Journal of Veterinary Sciences*, 22(2), 13–19. <https://doi.org/10.54058/0nercg44>.
- Mellor, D., & Beausoleil, N. (2017). Equine Welfare During Exercise: An Evaluation of Breathing, Breathlessness and Bridles. *Animals*, 7(6), 41.
- Morgan, K. (1997). Effects of Short-Term Changes in Ambient Air Temperature or Altered Insulation in Horses. *Journal of Thermal Biology*, 3(22), 187-194.
- Nurcahyo, W., Yowi, M. R. K., Hartati, S., & Prastowo, J. (2019). The Prevalence of Horse Trypanosomiasis in Sumba Island, Indonesia and Its Detection Using Card Agglutination Tests. *Veterinary World*, 12(5), 646–652. <https://doi.org/10.14202/vetworld.2019.646-652>.
- Ochi, A., Toya, Y., Sengoku, M., Tsuchiya, S., Kishi, D., Ueno, T., Ochi, A., Toya, Y., Sengoku, M., Tsuchiya, S., Kishi, D., & Ueno, T. (2024). In Vitro Evaluation of The Automated Hematology Analyzer XN-31 for Rapid Diagnosis of Equine Piroplasmosis Parasite culture. *American Society for Microbiology*, 12(March), 1–11. file:///C:/Users/HP11/Downloads/spectrum.00582-24.pdf.
- Onyiche, T. E., Suganuma, K., Igarashi, I., Yokoyama, N., Xuan, X., & Thekisoe, O. (2019). A Review on Equine Piroplasmosis: Epidemiology, Vector Ecology, Risk Factors, Host Immunity, Diagnosis and Control. *International Journal of Environmental Research and Public Health*, 16(10). <https://doi.org/10.3390/ijerph16101736>.
- Pandjukang, R. P., Apsari, I. A. pasti, Wardhana, A. H., & Dharmawan, N. S. (2024). Seroprevalence and Risk Factors of Surra Incident in Horses

- and Cattles in East Sumba District. *Buletin Veteriner Udayana*, 432–442. <https://doi.org/10.24843/bulvet.2024.v16.i02.p13>.
- Paoletta, M. S., López Arias, L., de la Fournière, S., Guillemi, E. C., Luciani, C., Sarmiento, N. F., Mosqueda, J., Farber, M. D., & Wilkowsky, S. E. (2018). Epidemiology of Babesia, Anaplasma and Trypanosoma species Using a New Expanded Reverse Line Blot Hybridization Assay. *Ticks and Tick-Borne Diseases*, 9(2), 155–163. <https://doi.org/10.1016/j.ttbdis.2017.08.011>.
- Phetkarl, T., Fungwithaya, P., Lewchalermvong, K., & Sontigun, N. (2024). Prevalence of Gastrointestinal and Blood Parasites in Horses of Nakhon Si Thammarat Province, Thailand. *Veterinary World*, 17(11), 2460–2468. <https://doi.org/10.14202/vetworld.2024.2460-2468>.
- Randu, M. D. S., & Wera, E. (2021). Evaluasi Wilayah Unggulan Pengembangan Kuda Sandelwood di Kabupaten Sumba Barat Daya Provinsi Nusa Tenggara Timur. *Livestock and Animal Research*, 19(2), 149. <https://doi.org/10.20961/lar.v19i2.46202>.
- Reed, S. M., Bayly, W. M., & Sellon, D. C. (2017). *Equine internal medicine* (4th ed.). St. Louis, MO: Elsevier.
- Rojero-Vázquez, E., Gordillo-Pérez, G., & Weber, M. (2017). Infection of *Anaplasma phagocytophilum* and *Ehrlichia* spp. in Opossums and Dogs in Campeche, Mexico: The role of tick infestation. *Frontiers in Ecology and Evolution*, 5(DEC), 1–9. <https://doi.org/10.3389/fevo.2017.00161>.
- Saleem, S., Ijaz, M., Farooqi, S. H., Rashid, M. I., Khan, A., Masud, A., Aqib, A. I., Hussain, K., Mehmood, K., & Zhang, H. (2018). First Molecular Evidence of Equine Granulocytic Anaplasmosis in Pakistan. *Acta Tropica*, 180(January), 18–25. <https://doi.org/10.1016/j.actatropica.2017.12.032>
- Santoso, S. (2005). *Menggunakan SPSS untuk Statistik Non Parametrik*. Jakarta: Elex Media.
- Seerintra, T., Saraphol, B., Thanchomnang, T., & Piratae, S. (2023). Molecular Prevalence of Anaplasma spp. in Cattle and Assessment of Associated Risk Factors in Northeast Thailand. *Veterinary World*, 16(8), 1702–1707. <https://doi.org/10.14202/vetworld.2023.1702-1707>.
- Sonenshine, D. E., & Macaluso, K. R. (2017). Microbial invasion vs. tick immune regulation. *Frontiers in Cellular and Infection Microbiology*, 7(SEP). <https://doi.org/10.3389/fcimb.2017.00390>.

- Soosaraei, M., Haghi, M. M., Etemadifar, F., Fakhar, M., Teshnizi, S. H., Asfaram, S., & Esboei, B. R. (2020). Status of Anaplasma spp. Infection in Domestic Ruminants from Iran: A Systematic Review with Meta-Analysis. *Parasite Epidemiology and Control*, 11, e00173–e00173. <https://doi.org/10.1016/j.parepi.2020.e00173>.
- Ullah, Q., Khan, A., Ali, A., Aimen, U., Ullah, W., Khan, M.-R., Bakhsh, A., Rahman, A., & Javid, M. A. (2025). Prevalence of Anaplasmosis and Its Associated Risk Factors in Camels at Lakki Marwat, Khyber Pakhtunkhwa, Pakistan. *Indus Journal of Bioscience Research*, 3(8), 319–328. <https://doi.org/10.70749/ijbr.v3i8.2147>.
- World Health Organization. (2024). *Vector Borne Diseases*. Diakses pada tanggal 27 Januari 2026 melalui link <https://www.who.int/newsroom/factsheets/detail/vectorbornedisease>.
- Zuku. (2024). *Anaplasmosis*. *Irongate Equine Clinic* (n.d). Diakses pada tanggal 11 November 2025 melalui link <https://www.irongateequine.com/education/anaplasmosis>.