

DAFTAR PUSTAKA

- Abdulqa, Hawsar Yasin, Heshu Sulaiman Rahman, Hiewa Othman Dyary, and Hemn Hasan Othman. 2016. "Lumpy Skin Disease." *Reproductive Immunology: Open Access* 01 (04).
- Abera, Zelalem, P O Box, Hailu Degefu, Getachew Gari, Zelalem Ayana, and Wollega Livestock Resource. 2015. "Review on Epidemiology and Economic Importance of Lumpy Skin Disease." *International Journal of Basic and Applied Virology* 4 (1): 8–21.
- Aberle ED, Forrest JC, Gerrard DE, EW Mills, 2001, *Principles of Meat Science*, San Fransisco (US): W. H/Freeman and Co.
- Abutarbush, S. M., M. M. Ababneh, I. G. Al Zoubi, O. M. Al Sheyab, M. G. Al Zoubi, M. O. Alekish, and R. J. Al Gharabat. 2015. "Lumpy Skin Disease in Jordan: Disease Emergence, Clinical Signs, Complications and Preliminary-Associated Economic Losses." *Transboundary and Emerging Diseases* 62 (5): 549–54.
- Agustina K.K., Sari P.H., dan Suada I.K., 2017, "Pengaruh Perendaman pada Infusa Daun Salam terhadap Kualitas dan Daya Tahan Daging Babi, *Buletin Veteriner Udayana*, 9(1): 34-41.
- Akther, Mahfuza, Syeda Hasina Akter, Subir Sarker, Joshua W. Aleri, Henry Annandale, Sam Abraham, and Jasim M. Uddin. 2023. "Global Burden of Lumpy Skin Disease, Outbreaks, and Future Challenges." *Viruses*. Multidisciplinary Digital Publishing Institute (MDPI).
- Alemayehu, Gezahegn, Girma Zewde, and Berhanu Admassu. 2013. "Risk Assessments of Lumpy Skin Diseases in Borena Bull Market Chain and Its Implication for Livelihoods and International Trade." *Tropical Animal Health and Production* 45 (5): 1153–59..
- Ali, H., A. A. Ali, M. S. Atta, and A. Cepica. 2012. "Common, Emerging, Vector-Borne and Infrequent Abortogenic Virus Infections of Cattle." *Transboundary and Emerging Diseases*.
- Amri M.C., Sugito, Sulasmi, Nurliana, Ismail, dan Abrar M. 2018. Quality of Broiler Meat after Treatment of Jaloh Extract and Turmeric Extract and Infected by *Eimeria tenella*. *Jurnal Medika Veterinaria*, 12 (2):77- 83.
- Anil, M H, S Love, C R Helps, and D A Harbour. 2002. "Potential for Carcass Contamination with Brain Tissue Following Stunning and Slaughter in Cattle and Sheep." www.elsevier.com/locate/foodcont.

- Annandale, C. H., D. E. Holm, K. Ebersohn, and E. H. Venter. 2014. "Seminal Transmission of Lumpy Skin Disease Virus in Heifers." *Transboundary and Emerging Diseases* 61 (5): 443–48.
- ANZFA (Australia New Zealand Food Authority). 2001. *Food Safety Standards: Temperature Control Requirements*. Australia.
- Apple, J., Yancey, J. 2013. *Water holding capacity of meat*. In: *The science of meat quality*, Wiley-Blackwell Publishing.
- Ardeshiri, Ali, and John Matthew Rose. 2018. "How Australian Consumers Value Intrinsic and Extrinsic Attributes of Beef Products." *Food Quality and Preference* 65 (April):146–63.
- Babiuk, S., T. R. Bowden, D. B. Boyle, D. B. Wallace, and R. P. Kitching. 2008. "Capripoxviruses: An Emerging Worldwide Threat to Sheep, Goats and Cattle." *Transboundary and Emerging Diseases*.
- Badhy, Shukes Chandra, Mohammad Golam Azam Chowdhury, Tirumala Bharani Kumar Settypalli, Giovanni Cattoli, Charles Euloge Lamien, Mohammad Aflak Uddin Fakir, Shamima Akter, *et al.* 2021. "Molecular Characterization of Lumpy Skin Disease Virus (LSDV) Emerged in Bangladesh Reveals Unique Genetic Features Compared to Contemporary Field Strains." *BMC Veterinary Research* 17 (1).
- Bedeković, T., I. Šimić, N. Krešić, and I. Lojkić. 2018. "Detection of Lumpy Skin Disease Virus in Skin Lesions, Blood, Nasal Swabs and Milk Following Preventive Vaccination." *Transboundary and Emerging Diseases* 65 (2): 491–96.
- Bernardo B.S., Suckoo R., Darpel K., Hawes P., Basu S., Langlands Z., Gubbins S., Beard P, 2019, "Lumpy skin disease virus: transmission to dipteran vectors using animal and ex-vivo models", *Access Microbiology*, 1, hal. 107.
- Bleicher, Julian, Elmar E. Ebner, and Kathrine H. Bak. 2022. "Formation and Analysis of Volatile and Odor Compounds in Meat—A Review." *Molecules*. MDPI.
- Bowden, Timothy R., Shawn L. Babiuk, Geoff R. Parkyn, John S. Copps, and David B. Boyle. 2008. "Capripoxvirus Tissue Tropism and Shedding: A Quantitative Study in Experimentally Infected Sheep and Goats." *Virology* 371 (2): 380–93.
- Buckle, K.A., R.A. Edwards, G.H. Fleet, dan W. Wooton, 2007, *Ilmu Pangan*. Penerjemah: Hari Purnomo dan Adono, International Development Program of Australian Universities and Colleges, Jakarta, UI Press.

- Bulgaru, Viorica, Liliana Popescu, Natalia Netreba, Aliona Ghendov-Mosanu, and Rodica Sturza. 2022. "Assessment of Quality Indices and Their Influence on the Texture Profile in the Dry-Aging Process of Beef." *Foods* 11 (10).
- Carn, V. M., and R. P. Kitching. 1995. "An Investigation of Possible Routes of Transmission of Lumpy Skin Disease Virus (Neethling)." *Epidemiology and Infection* 114 (1): 219–26.
- Casal, Jordi, Alberto Allepuz, Aleksandra Miteva, Ledi Pite, Blagojco Tabakovsky, Dimitar Terzievski, Tsvyatko Alexandrov, and Daniel Beltrán-Alcrudo. 2018. "Economic Cost of Lumpy Skin Disease Outbreaks in Three Balkan Countries: Albania, Bulgaria and the Former Yugoslav Republic of Macedonia (2016-2017)." *Transboundary and Emerging Diseases* 65 (6): 1680–88.
- Cheng, Qiaofen, and Da Wen Sun. 2008. "Factors Affecting the Water Holding Capacity of Red Meat Products: A Review of Recent Research Advances." *Critical Reviews in Food Science and Nutrition* 48 (2): 137–59.
- Choudhari, A.N., Moregaonkar, S.D., Gangane, G.R., Markandeya, N.M., Narladkar, B.W. 2020. Lumpy Skin Disease (LSD), an Emerging Disease in India: A Review. *Agric. Rev.* 2020, 41, 398–402.
- Clinquart, A., M. P. Ellies-Oury, J. F. Hocquette, L. Guillier, V. Santé-Lhoutellier, and S. Prache. 2022. "Review: On-Farm and Processing Factors Affecting Bovine Carcass and Meat Quality." *Animal*. Elsevier B.V.
- Codex Alimentarius. 2005. *Code of hygienic practice for meat*. 2005: 152.
- Coetzer, J. A, 2004, Lumpy skin disease Infectious Diseases of Livestock dalam *Infectious Diseases of Livestock*, Diedit oleh J. A. W. Coetzer, & R. C. Tustin (Eds.): Oxford, University Press Southern Africa.
- Conte, Francesca, Fabrizio Cincotta, Concetta Condurso, Antonella Verzera, and Antonio Panebianco. 2021. "Odor Emissions from Raw Meat of Freshly Slaughtered Cattle during Inspection." *Foods* 10 (10).
- Das, Moumita, Md Shahidur Rahman Chowdhury, Sharmin Akter, Apurbo Kumar Mondal, Md Jamal Uddin, Md Masudur Rahman, and Md Mahfujur Rahman. 2021. "An Updated Review on Lumpy Skin Disease: Perspective of Southeast Asian Countries." *Journal of Advanced Biotechnology and Experimental Therapeutics* 4 (3): 322–33.
- Degu, Tadesse. 2020. "Epidemiological Status and Economic Impact of Lumpy Skin Disease-Review." *International Journal of Recent Biotechnology* 8 (2): 1–15.

- Diler, Abdulkerim, Mete Yanar, Veysel Fatih Özdemir, Recep Aydin, Özgür Kaynar, Valiollah Palangi, Maximilian Lackner, and Rıdvan Koçyigit. 2023. "Effects of Slaughter Age of Holstein Friesian Bulls on Meat Quality: Chemical Composition, Textural Characteristics, Sensory Attributes and Fatty Acid Profile." *Foods* 12 (1).
- Dubey, Anubhav, Niladry Sekhar Ghosh, Anubha Gupta, and Shweta Singh. 2023. "A Review on Current Epidemiology and Molecular Studies of Lumpy Skin Disease Virus-an Emerging Worldwide Threat to Domestic Animals." *Journal of Medical Pharmaceutical and Allied Sciences* 12 (1): 5635–43.
- Edelsten, Martyn. 2014. "Cattle Health: Threat to European Cattle from Lumpy Skin Disease." *Veterinary Record*. British Veterinary Association.
- EFSA (European Food Safety Authority). 2015. Scientific opinion on lumpy skin disease. EFSA panel on Animal Health and Welfare (AHAW). *EFSA J* 13:3986.
- EFSA (European Food Safety Authority). 2016. Urgent advice on lumpy skin disease. EFSA Panel on Animal Health and Welfare. *EFSA Journal*, 14(8), 4573.
- EFSA (European Food Safety Authority). 2017. "Lumpy skin disease: I. Data Collection and Analysis. *EFSA Journal*, 15(4): 4773.
- Farra, Dima, Marco De Nardi, Viktoria Lets, Sergii Holopura, Oleksiy Klymenok, Roger Stephan, and Oksana Boreiko. 2022. "Qualitative Assessment of the Probability of Introduction and Onward Transmission of Lumpy Skin Disease in Ukraine." *Microbial Risk Analysis* 20 (April).
- Feiner, G. 2006. *Meat Products Handbook Practical Science and Technology*, 1st ed.; Woodhead Publishing Limited: Cambridge, UK, 2006; 648p.
- Franciska J, Suardana IW, Suarsana IN. 2018. Bakteriosin Asal Streptococcus Bovis 9A sebagai Biopreservatif pada Daging Sapi Ditinjau dari Uji Kebusukan. *Indonesia Medicus Veterinus*, 7(2): 158-167.
- Geletu, Umer Seid, Munera Ahmednur Usmael, Yesihak Yusuf Mummed, and Abdulmuen Mohammed Ibrahim. 2021. "Quality of Cattle Meat and Its Compositional Constituents." *Veterinary Medicine International*. Hindawi Limited.
- Georgiev L., Penchev G., Dimitrov D., Pavlov A., 2008, "Structural changes in common carp fish meat during freezing", *Bulgarian J Vet Med*, 2(2), hal. 131-136.
- Ghalyanchilangeroudi, Arash, Zahra Ziafati Kafi, Ali Rajeoni, Jamil Ataii, Naser Sadri, Niusha Hajizamani, Leila Aghaeen, Sanaz Majidi, Hafez Sadeghi, and

- Mohammadreza Ghorani. 2021. "Phylogenetic Analysis of Lumpy Skin Disease Molecular Detection and Virus in Iran."
- Goff, Christian Le, Charles Euloge Lamien, Emna Fakhfakh, Amlie Chadeyras, Elexpeter Aba-Adulugba, Geneviève Libeau, Eeva Tuppurainen, *et al.* 2009. "Capripoxvirus G-Protein-Coupled Chemokine Receptor: A Host-Range Gene Suitable for Virus Animal Origin Discrimination." *Journal of General Virology* 90 (8): 1967–77.
- Gruber, S. L., J. D. Tatum, T. E. Engle, P. L. Chapman, K. E. Belk, and G. C. Smith. 2010. "Relationships of Behavioral and Physiological Symptoms of Preslaughter Stress to Beef Longissimus Muscle Tenderness." *Journal of Animal Science* 88 (3): 1148–59.
- Gupta, Tania, Vanita Patial, Diksha Bali, Shivani Angaria, Mandeep Sharma, and Rajesh Chahota. 2020. "A Review: Lumpy Skin Disease and Its Emergence in India."
- Hemsworth, Paul H., Maxine Rice, Marcus G. Karlen, Lisa Calleja, John L. Barnett, Judy Nash, and Grahame J. Coleman. 2011. "Human-Animal Interactions at Abattoirs: Relationships between Handling and Animal Stress in Sheep and Cattle." *Applied Animal Behaviour Science* 135 (1–2): 24–33.
- Horigan, V., P. M. Beard, H. Roberts, A. Adkin, P. Gale, C. A. Batten, and L. Kelly. 2018. "Assessing the Probability of Introduction and Transmission of Lumpy Skin Disease Virus within the United Kingdom." *Microbial Risk Analysis* 9 (August): 1–10..
- Hosamani, Madhusudan, Bimalendu Mondal, Prabhakar A Tembhurne, Santanu Kumar Bandyopadhyay, Raj Kumar, Singh & Thaha, and Jamal Rasool. n.d. "Differentiation of Sheep Pox and Goat Poxviruses by Sequence Analysis and PCR-RFLP of P32 Gene."
- Ireland, D C, and Y S Binopal. 1998. "Improved Detection of Capripoxvirus in Biopsy Samples by PCR." *Journal of Virological Methods*. Vol. 74.
- Irons, P. C., E. S.M. Tuppurainen, and E. H. Venter. 2005. "Excretion of Lumpy Skin Disease Virus in Bull Semen." *Theriogenology* 63 (5): 1290–97.
- Issimov, Arman, Lespek Kutumbetov, Mukhit B. Orynbayev, Berik Khairullin, Balzhan Myrzakhmetova, Kulyaisan Sultankulova, and Peter J. White. 2020. "Mechanical Transmission of Lumpy Skin Disease Virus by Stomoxys Spp (Stomoxys Calsitrans, Stomoxys Sitiens, Stomoxys Indica), Diptera: Muscidae." *Animals* 10 (3).

- Iulietto, Maria F., Paola Sechi, Elena Borgogni, and Beniamino T. Cenci-Goga. 2015. "Meat Spoilage: A Critical Review of a Neglected Alteration Due to Ropy Slime Producing Bacteria." *Italian Journal of Animal Science*. Page Press Publications.
- Joo, S. T., G. D. Kim, Y. H. Hwang, and Y. C. Ryu. 2013. "Control of Fresh Meat Quality through Manipulation of Muscle Fiber Characteristics." *Meat Science* 95 (4): 828–36.
- Kayesh, Mohammad Enamul Hoque, Mohammad Tufazzal Hussan, Md. Abul Hashem, Mohammad Eliyas, and A.K.M. Mostafa Anower. 2020. "Lumpy Skin Disease Virus Infection: An Emerging Threat to Cattle Health in Bangladesh." *Hosts and Viruses* 7 (4).
- Khafagi, M. H., A. A. Ghazy, and Mohamed Abd El-Fatah Mahmoud. 2024. "Epidemiology, Diagnosis And Control Of Lumpy Skin Disease In Egyptian Ruminants." *Bulgarian Journal of Veterinary Medicine* 27 (2): 254–72.
- Khalafalla A, 2022, "Lumpy Skin Disease: An Economically Significant Emerging Disease. In: Cattle Diseases - Molecular and Biochemical Approach.", 1-14.
- Khan YR., Ali A., Hussain K, et al., 2021, "A review: Surveillance of lumpy skin disease (LSD) a growing problem in Asia." *Microbial Pathogenesis*, 158, hal.105050.
- Khan MI, Jo C, Tariq MR, 2015, "Meat flavor precursors and factors influencing flavor precursors: a systematic review", *Meat Sci*, 110, hal. 278–284.
- Kim, Y. H. B., Frandsen, M. dan Rosenvold, K. 2011. *Meat Sci*. 88,332.
- Kim SJ, Cho AR, Han J., 2013, "Antioxidant and antimicrobial activities of leafy green vegetable extracts and their applications to meat product preservation", *Food Control*, 29(1), hal.112-120.
- Koirala, P., Meki, I.K., Maharjan, M., Settypalli, B.K., Manandhar, S., Yadav, S.K., Cattoli, G., Lamien, C.E., 2022, "Molecular Characterization of the 2020 Outbreak of Lumpy Skin Disease in Nepal", *Microorganisms*, 10 (3), hal. 539.
- Komariah, Rahayu S, Sarjito, 2009, "Physical characteristics of beef, buffalo and lamb meat on different postmortem periods", *Bul Petern*, 33(3), hal. 183-189.
- Kononov, A., P. Prutnikov, I. Shumilova, S. Kononova, A. Nesterov, O. Byadovskaya, Ya Pestova, V. Diev, and A. Sprygin. 2019. "Determination of Lumpy Skin Disease Virus in Bovine Meat and Offal Products Following Experimental Infection." *Transboundary and Emerging Diseases* 66 (3): 1332–40.

- Koohmaraie, M., & Geesink, G. H, 2006, "Contribution of postmortem muscle biochemistry to the delivery of consistent meat quality with particular focus on the calpain system", *Meat science*, 74(1), hal. 34–43.
- Kumar, Pankaj, Rashmi Rekha Kumari, Sarita Devi, Manoj Kumar Tripathi, Jaspreet Singh, Ravi Kumar, and Manish Kumar. 2021. "Emergence and Transboundary Spread of Lumpy Skin Disease in South Asia." *Indian Journal of Animal Sciences*. Vol. 91.
- Kumar, Somasundaram Mathan. 2011. "An Outbreak of Lumpy Skin Disease in a Holstein Dairy Herd in Oman: A Clinical Report." *Asian Journal of Animal and Veterinary Advances* 6 (8): 851–59.
- Kuntoro B, Mirdhayati I, dan Adelina T, 2007, "Penggunaan ekstrak daun katuk (*Sauropus androgynus* L.Merr) sebagai bahan pengawet alami daging sapi segar", *J. Peternakan*, 4(1), hal. 6-12.
- Laack, R. L., Liu, C. H., Smith, M. O., & Loveday, H. D, 2000, "Characteristics of pale, soft, exudative broiler breast meat", *Poultry science*, 79(7) hal. 1057–1061.
- Lamien, Charles Euloge, Christian Le Goff, Roland Silber, David B. Wallace, Vely Gulyaz, Eeva Tuppurainen, Hafsa Madani, *et al.* 2011. "Use of the Capripoxvirus Homologue of Vaccinia Virus 30kDa RNA Polymerase Subunit (RPO30) Gene as a Novel Diagnostic and Genotyping Target: Development of a Classical PCR Method to Differentiate Goat Poxvirus from Sheep Poxvirus." *Veterinary Microbiology* 149 (1–2): 30–39..
- Leheska, Jennifer, Ted Jennifer Montgomery, and R D Leheska. 2008. "Effects Of Various Management Practices On Beef-Eating Quality." <https://www.researchgate.net/publication/242200521>.
- Lefèvre, P., Blancou, J., Chermette, R. Uilenberg, G, 2010, *Infectious and Parasitic Diseases of Livestock (2 Volume Set)*: Wallingford, CABI.
- Limon, Georgina, Ahmed A. Gamawa, Ahmed I. Ahmed, Nicholas A. Lyons, and Philippa M. Beard. 2020. "Epidemiological Characteristics and Economic Impact of Lumpy Skin Disease, Sheeppox and Goatpox Among Subsistence Farmers in Northeast Nigeria." *Frontiers in Veterinary Science* 7 (January).
- Listrat, A., A. L. Pissavy, D. Micol, C. Jurie, C. Lethias, D. W. Pethick, and J. F. Hocquette. 2016. "Collagens XII and XIV: Two Collagen Types Both Associated with Bovine Muscle and Intramuscular Lipid Metabolism." *Livestock Science* 187 (May):80–86.

- Liu, Jingjing, Marie Pierre Ellies-oury, Todor Stoyanchev, and Jean François Hocquette. 2022. "Consumer Perception of Beef Quality and How to Control, Improve and Predict It? Focus on Eating Quality." *Foods*. MDPI.
- López-Pedrouso, María, Raquel Rodríguez-Vázquez, Laura Purriños, Mamen Oliván, Susana García-Torres, Miguel Ángel Sentandreu, José Manuel Lorenzo, Carlos Zapata, and Daniel Franco. 2020. "Sensory and Physicochemical Analysis of Meat from Bovine Breeds in Different Livestock Production Systems, Pre-Slaughter Handling Conditions, and Ageing Time." *Foods* 9 (2).
- Lubinga, J. C., E. S.M. Tuppurainen, R. Mahlare, J. A.W. Coetzer, W. H. Stoltsz, and E. H. Venter. 2015. "Evidence of Transstadial and Mechanical Transmission of Lumpy Skin Disease Virus by *Amblyomma Hebraeum* Ticks." *Transboundary and Emerging Diseases* 62 (2): 174–82.
- Magori-Cohen, Reuma, Yoram Louzoun, Yael Herziger, Eldad Oron, Alon Arazi, Eeva Tuppurainen, Nahum Y. Shpigel, and Eyal Klement. 2012. "Mathematical Modelling and Evaluation of the Different Routes of Transmission of Lumpy Skin Disease Virus." *Veterinary Research* 43 (1).
- Molla, Wassie, Klaas Frankena, Getachew Gari, Menbere Kidane, Dereje Shegu, and Mart C.M. de Jong. 2018. "Seroprevalence and Risk Factors of Lumpy Skin Disease in Ethiopia." *Preventive Veterinary Medicine* 160 (November):99–104.
- Moudgil, Gaurav, Jatin Chadha, Lavanya Khullar, Sanjay Chhibber, and Kusum Harjai. 2023. "Lumpy Skin Disease: A Comprehensive Review on Virus Biology, Pathogenesis, and Sudden Global Emergence."
- Mulatu, Endalu, and Abdi Feyisa. 2018. "Review: Lumpy Skin Disease." *Journal of Veterinary Science & Technology* 09 (03).
- Murphy, F., Gibbs, E., Horzinek, M.S.M, 1999, *Veterinary Virology*, 3rd ed: San Diego, Academic Press.
- Mutua, E.N., Bett, B.K., Bukachi, S.A., Estambale, B.A., Nyamongo, I.K. 2022. *From Policy to Practice: An Assessment of Biosecurity Practices in Cattle, Sheep and Goats Production, Marketing and Slaughter in Baringo County, Kenya*. PLoS ONE 2022, 17, e0266449.
- Namazi, Fatemeh, and Azizollah Khodakaram Tafti. 2021. "Lumpy Skin Disease, an Emerging Transboundary Viral Disease: A Review." *Veterinary Medicine and Science*. John Wiley and Sons Inc.

- Neethling, N. E., Suman, S. P., Sigge, G. O., Hoffman, L. C. & Hunt, M. C., 2017, "Exogenous and Endogenous Factors Influencing Color of Fresh Meat from Ungulates", *Meat and Muscle Biology* 1(1).
- Nishimura, Takanori. 2010. "The Role of Intramuscular Connective Tissue in Meat Texture." *Animal Science Journal*.
- Nogalski, Zenon, Paulina Pogorzelska-Przybylek, Monika Sobczuk-Szul, Anna Nogalska, Monika Modzelewska-Kapitula, and Cezary Purwin. 2018. "Carcass Characteristics and Meat Quality of Bulls and Steers Slaughtered at Two Different Ages." *Italian Journal of Animal Science* 17 (2): 279–88.
- Nugroho, W. A., 2008, Produktivitas Karkas Dan Kualitas Daging Sapi Sumba Ongole Dengan Pakan Yang Mengandung Probiotik, Kunyit Dan Temulawak. Skripsi: Institut Pertanian Bogor.
- OIE (Office of International Epizootics). 2010. "Manual of Diagnostic Tests and Vaccines for Terrestrial Animals. Lumpy Skin Disease."
- OIE (Office of International Epizootics). 2013. "Lumpy Skin Disease. Technical Disease Card".
- OIE (Office of International Epizootics). 2017. "Lumpy Skin Disease. World Animal Health Information Database."
- OIE (Office of International Epizootics). 2018. Lumpy skin disease. chapter 3.04.12. In P. Beard & B.A. Lubisi (Eds.), *OIE terrestrial manual* (pp. 1158–1171). Paris, France: World Organization for Animal Health.
- OIE (Office of International Epizootics). 2019a. Weekly Disease Information. WAHIS Interface, 26/08/2019, 15/09/2019 and 18/11/2019.
- OIE (Office of International Epizootics). 2019b. Infection with lumpy skin disease virus, Chapter 11.9. In *World Organisation for Animal Health, Terrestrial Animal Health Code*.
- OIE (Office of International Epizootics). 2021. Lumpy skin disease in Hong Kong. <https://rr-asia.oie.int/wp-content/uploads/2021/01/3-lumpy-skin-disease-in-hong-kong-18-12-2020-afcd.pdf>.
- Permentan (Peraturan Menteri Pertanian) Nomor 13 Tahun 2010 Tentang Persyaratan Rumah Potong Hewan Ruminansia dan Unit Penanganan Daging (*Meat Cutting Plant*).
- Pestova, Ya E., E. E. Artyukhova, E. E. Kostrova, I. N. Shumoliva, A. V. Kononov, and A. V. Sprygin. 2018. "Real Time PCR for the Detection of Field Isolates of Lumpy

Skin Disease Virus in Clinical Samples from Cattle.” *Sel'skokhozyaistvennaya Biologiya* 53 (2): 422–29.

Pogorzelska-Przybylek, Paulina, Zenon Nogalski, Monika Sobczuk-Szul, Cezary Purwin, and Dorota Kubiak. 2018. “Carcass Characteristics and Meat Quality of Holstein-Friesian × Hereford Cattle of Different Sex Categories and Slaughter Ages.” *Archives Animal Breeding* 61 (2): 253–61.

Ripoll, G., Alcalde, M. J., Córdoba, M. G., Casquete, R., Argüello, A., Ruiz-Moyano, S., & Panea, B. 2019, “Influence of the Use of Milk Replacers and pH on the Texture Profiles of Raw and Cooked Meat of Suckling Kids”, *Foods (Basel, Switzerland)*, 8(11),hal.589.

Rohyati, Eni, Bernadus Ndoen, Cardial L Penu, Program Studi Kesehatan Hewan, Program Studi Produksi Ternak Politeknik Pertanian Negeri Kupang, and Jl Adisucipto Penfui. 2017. “Kajian Kelayakan Operasional Rumah Pemotongan Hewan (RPH) Oeba Pemerintah Kota Kupang Nusa Tenggara Timur Dalam Menghasilkan Daging Dengan Kualitas Asuh.” Vol. 17.

Rouby, Sherin, and Emad Aboulsoud. 2016. “Evidence of Intrauterine Transmission of Lumpy Skin Disease Virus.” *Veterinary Journal* 209 (March):193–95.

Sakowski, Tomasz, Grzegorz Grodkowski, Marcin Golebiewski, Jan Slószarz, Piotr Kostusiak, Paweł Solarczyk, and Kamila Puppel. 2022. “Genetic and Environmental Determinants of Beef Quality—A Review.” *Frontiers in Veterinary Science*. Frontiers Media S.A.

Selim, Abdelfattah, Eman Manaa, and Hanem Khater. 2021. “Molecular Characterization and Phylogenetic Analysis of Lumpy Skin Disease in Egypt.” *Comparative Immunology, Microbiology and Infectious Diseases* 79 (December).

Shabtay, Ariel, Einav Shor-Shimoni, Ala Orlov, Rotem Agmon, Olena Trofimyuk, Ofir Tal, and Miri Cohen-Zinder. 2021. “The Meat Quality Characteristics of Holstein Calves: The Story of Israeli ‘Dairy Beef.’” *Foods* 10 (10).

Soelih E, Dimas H, Setya B. 2011. Pengaruh suhu penyimpanan terhadap terjadinya awal pembusukan daging yang dijual di salah satu pasar tradisional Surabaya. *Vet. Med.* 4(2): 15-17.

Soeparno, 2009, *Ilmu dan Teknologi Daging*. Cetakan ke V, Yogyakarta:Gadjah Mada University Press.

Soeparno ,2005, *Ilmu dan Teknologi Daging*, Yogyakarta: Gadjah Mada University Press

- Soeparno, 2015, *Ilmu dan Teknologi Daging. Cetakan Ke-enam*, Yogyakarta: Gadjah Mada University Press.
- Sprygin, A., E. Artyuchova, Y. Babin, P. Prutnikov, E. Kostrova, O. Byadovskaya, and A. Kononov. 2018. "Epidemiological Characterization of Lumpy Skin Disease Outbreaks in Russia in 2016." *Transboundary and Emerging Diseases* 65 (6): 1514–21.
- Sprygin, A., Ya Pestova, D. B. Wallace, E. Tuppurainen, and A. V. Kononov. 2019. "Transmission of Lumpy Skin Disease Virus: A Short Review." *Virus Research*. Elsevier B.V.
- Sprygin, Alexander, Yana Pestova, Olga Bjadovskaya, Pavel Prutnikov, Nikolay Zinyakov, Svetlana Kononova, Olga Ruchnova, Dmitiy Lozovoy, Ilya Chvala, and Aleksandr Kononov. 2020. "Evidence of Recombination of Vaccine Strains of Lumpy Skin Disease Virus with Field Strains, Causing Disease." *PLoS ONE* 15 (5).
- Suada IK, Purnama DID, Agustina KK, 2018, "Infusa daun salam mempertahankan kualitas dan daya tahan daging sapi bali", *Bul. Vet. Udayana*, 10(1), hal. 100-109.
- Suardana, I.W. dan I. B. N., Swacita, 2009, *Higiene Makanan. Kajian Teori dan Prinsip Dasar*. Denpasar: Udayana University Press.
- Sudhakar, Shashi B., Niranjana Mishra, Semmannan Kalaiyarasu, Sandeep K. Jhade, Divakar Hemadri, Richa Sood, Gopal C. Bal, Mihir K. Nayak, Sunil K. Pradhan, and Vijendra P. Singh. 2020. "Lumpy Skin Disease (LSD) Outbreaks in Cattle in Odisha State, India in August 2019: Epidemiological Features and Molecular Studies." *Transboundary and Emerging Diseases* 67 (6): 2408–22.
- Sudhakar, Shashi Bhushan, Niranjana Mishra, Semmannan Kalaiyarasu, Khusboo Ahirwar, Suchismita Chatterji, Omprakash Parihar, Vijendra Pal Singh, and Aniket Sanyal. 2023. "Lumpy Skin Disease Virus Infection in Free-Ranging Indian Gazelles (*Gazella Bennettii*), Rajasthan, India." *Emerging Infectious Diseases* 29 (7): 1407–10.
- Sugeng, Y.B, 2004, *Pembiakan Ternak Sapi*: Jakarta, Gramedia.
- Suradi K. 2012. Pengaruh lama penyimpanan pada suhu ruang terhadap perubahan nilai ph, tvb dan total bakteri daging kerbau. *J. Ilmu Ternak*. 12(2): 912.
- Szczesniak, A.S, 2002, "Texture is a sensory property", *Food Quality and Preference*, 213(4), hal. 215–225.
- Suradi K. 2012. Pengaruh lama penyimpanan pada suhu ruang terhadap perubahan nilai ph, tvb dan total bakteri daging kerbau. *J. Ilmu Ternak*. 12(2): 912.

- Tageldin, Mohamed Hassan, David Brian Wallace, Gertruida Hermanna Gerdes, John Fraser Putterill, Roelf Rudolph Greyling, Maanda Noaxe Phosiwa, Rashied Mohammed Al Busaidy, and Sultan Issa Al Ismaaily. 2014. "Lumpy Skin Disease of Cattle: An Emerging Problem in the Sultanate of Oman." *Tropical Animal Health and Production* 46 (1): 241–46.
- Tamire, Mitiku. 2022. "Current Status of Lumpy Skin Disease and Its Economic Impacts in Ethiopia." www.scholarena.com.
- Tamire, M, 2022, "Current Status of Lumpy Skin Disease and Its Economic Impacts in Ethiopia", *J. Vaccine Res*, 1, hal. 103.
- Toldr'a F., 2006, Meat: chemistry and biochemistry dalam *Handbook of Food Science, Technology and Engineering*, Diedit oleh Hui, Y.H dan Sherkat, F (Eds), CRC Press, Taylor & Francis Group, Florida.
- Tuppurainen, E. S.M., J. C. Lubinga, W. H. Stoltz, M. Troskie, S. T. Carpenter, J. A.W. Coetzer, E. H. Venter, and C. A.L. Oura. 2013. "Mechanical Transmission of Lumpy Skin Disease Virus by Rhipicephalus Appendiculatus Male Ticks." *Epidemiology and Infection* 141 (2): 425–30.
- Tuppurainen, E. S.M., and C. A.L. Oura. 2012. "Review: Lumpy Skin Disease: An Emerging Threat to Europe, the Middle East and Asia." *Transboundary and Emerging Diseases*.
- Tuppurainen, E. S.M., E. H. Venter, J. A.W. Coetzer, and L. Bell-Sakyi. 2015. "Lumpy Skin Disease: Attempted Propagation in Tick Cell Lines and Presence of Viral DNA in Field Ticks Collected from Naturally-Infected Cattle." *Ticks and Tick-Borne Diseases* 6 (2): 134–40.
- Tuppurainen, E. S.M., E. H. Venter, J. L. Shisler, G. Gari, G. A. Mekonnen, N. Juleff, N. A. Lyons, *et al.* 2017. "Review: Capripoxvirus Diseases: Current Status and Opportunities for Control." *Transboundary and Emerging Diseases*. Blackwell Publishing Ltd.
- Tuppurainen, E. S. M., Venter, E. H., & Coetzer, J. A. W, 2005, "The detection of lumpy skin disease virus in samples of experimentally infected cattle using different diagnostic techniques", *Onderstepoort Journal of Veterinary Research*, 72(2), hal.153–164.
- Usmiati S, Marwati T. 2007. Seleksi dan optimasi proses produksi bakteriosin dari *Lactobacillus sp. J. Pascapanen*. 4(1): 27-37
- Vairo Cavalli, Sandra, Sofia V. Silva, Cecilia Cimino, F. Xavier Malcata, and Nora Priolo. 2008. "Hydrolysis of Caprine and Ovine Milk Proteins, Brought about by

- Aspartic Peptidases from *Silybum Marianum* Flowers.” *Food Chemistry* 106 (3): 997–1003.
- Vidanović, Dejan, Milanko Šekler, Tamaš Petrović, Zoran Debeljak, Nikola Vasković, Kazimir Matović, and Bernd Hoffmann. 2016. “Real-Time PCR Assays for the Specific Detection of Field Balkan Strains of Lumpy Skin Disease Virus.” *Acta Veterinaria* 66 (4): 444–54.
- Winarno, F. G. dan S. Koswara, 2002, *Telur: Komposisi, Penanganan, dan Pengolahannya*: Bogor, M-Brio Press.
- Weiss, K. E, 1968, “Lumpy skin disease virus”, *Viral Haemorrhagic*, 3, 111–131.
- Weston, A.R., Rogers, R.W., Althen, T.G, 2002, “Review: The Role of Collagen in Meat Tenderness”, *The Professional Animal Scientist*, 18(2), hal. 107–111.
- Wolff J., Tuppurainen E., Adedeji A., Meseko C., Asala O., Adole J, 2021, “Characterization of a Nigerian lumpy skin disease virus isolate after experimental infection of cattle”, *Pathogens*, 11(1), hal. 1-16.
- Yaranoğlu, Büşra, Muhittin ZENGİN, Makbule GÖKÇE, Özlem VAROL AVCILAR, Beşir Berhun POSTACI, Çiğdem ERDOĞAN, and Emre ODABAŞ. 2023. “Chemical Composition of Meat from Different Species of Animals.” *International Journal of Agriculture Environment and Food Sciences* 7 (3): 581–87.
- Yulistiani R. 2010. Study of unslaughtered chicken carcass: organoleptic changes and bacterial growth pattern. *J. Teknol. Pertanian*. 11(1): 27-36.
- Zeedan, Gamil Sayed Gamil, Ayman Hamid Mahmoud, Abeer Mostafa Abdalhamed, Khaled Abd El Hamid Abd El-Razik, Manal Hamdy Khafagi, and Hala Abdoula Ahmed Abou Zeina. 2019. “Detection of Lumpy Skin Disease Virus in Cattle Using Real-Time Polymerase Chain Reaction and Serological Diagnostic Assays in Different Governorates in Egypt in 2017.” *Veterinary World* 12 (7): 1093–1100.