DAFTAR PUSTAKA

Ali, A., Farooq, M., Altakrouni, D., Najimudeen, S. M., Hassan, M. S. H., Isham, I. M., Shalaby, A. A., Gallardo, R. A., & Abdul-Careem, M. F. (2024). Comparative pathogenicity of CA1737/04 and Mass infectious bronchitis virus genotypes in laying chickens. *Frontiers in Veterinary Science*, *11*. https://doi.org/10.3389/fvets.2024.1338563

Ananda, R. R., Rosa, E., & Pratami, G. D. (2017). Studi Nematoda Pada Ayam Petelur (Gallus Gallus) Strain Isa Brown Di Peternakan Mandiri Kelurahan Tegal Sari, Kecamatan Gading Rejo, Kab. Pringsewu, Lampung. *Jurnal Ilmiah Biologi Eksperimen Dan Keanekaragaman Hayati*, *4*(2), 23–27. https://doi.org/10.23960/jbekh.v4i2.130

Bande, F., Arshad, S. S., Omar, A. R., Hair-Bejo, M., Mahmuda, A., & Nair, V. (2017). Global distributions and strain diversity of avian infectious bronchitis virus: a review. *Animal Health Research Reviews*, *18*(1), 70–83. https://doi.org/10.1017/S1466252317000044

Barrow, P. A. . (2021). *Poultry health : a guide for professionals*. CAB International.

Bhuiyan, Md. S. A., Amin, Z., Rodrigues, K. F., Saallah, S., Shaarani, S. Md., Sarker, S., & Siddiquee, S. (2021). Infectious Bronchitis Virus (Gammacoronavirus) in Poultry Farming: Vaccination, Immune Response and Measures for Mitigation. *Veterinary Sciences*, *8*(11), 273. https://doi.org/10.3390/vetsci8110273

Ceva Santé Animale. (2023). *Infectious Bronchitis Booklet 2023*.

Falchieri, M., Coward, V. J., Reid, S. M., Lewis, T., & Banyard, A. C. (2024). Infectious bronchitis virus: an overview of the “chicken coronavirus.” *Journal of Medical Microbiology*, *73*(5). https://doi.org/10.1099/jmm.0.001828

Farooq, M., Abd-Elsalam, R. M., Ratcliff, N., Hassan, M. S. H., Najimudeen, S. M., Cork, S. C., Checkley, S., Niu, Y. D., & Abdul-Careem, M. F. (2024). Comparative pathogenicity of infectious bronchitis virus Massachusetts and Delmarva (DMV/1639) genotypes in laying hens. *Frontiers in Veterinary Science*, *10*. https://doi.org/10.3389/fvets.2023.1329430

Guzmán, M., & Hidalgo, H. (2020). Live Attenuated Infectious Bronchitis Virus Vaccines in Poultry: Modifying Local Viral Populations Dynamics. *Animals*, *10*(11), 2058. https://doi.org/10.3390/ani10112058

Hnasko, Robert. (2015). *ELISA : methods and protocols*. Humana Press.

Kaspers, Bernd., Schat, K. A. ., Göbel, T. W. ., & Vervelde, Lonneke. (2022). *Avian immunology*. Academic Press.

Khamas, Wael., & Rutllant, Josep. (2024). *Anatomy and histology of the domestic chicken*. Wiley-Blackwell.

Li, X., Liang, Y., Zhang, Y., Liu, Z., Cui, L., Xi, M., Feng, S., Liu, X., Zhu, Y., Liu, S., & Li, H. (2025). Dynamic Immune Response Landscapes of Avian Peripheral Blood Post-Vaccination Against Infectious Bronchitis Virus Infection. *Vaccines*, *13*(2), 146. https://doi.org/10.3390/vaccines13020146

Liu, D. X., Ng, Y. L., & Fung, T. S. (2019). Infectious Bronchitis Virus. In *Avian Virology: Current Research and Future Trends* (pp. 133–178). Caister Academic Press. https://doi.org/10.21775/9781912530106.05

Lunge, V. R., Kipper, D., Streck, A. F., Fonseca, A. S. K., & Ikuta, N. (2025). Emergence and Dissemination of the Avian Infectious Bronchitis Virus Lineages in Poultry Farms in South America. *Veterinary Sciences*, *12*(5), 435. https://doi.org/10.3390/vetsci12050435

Murugan, M. (2021). *Commercial chicken egg production*. Associated Publishing Company, a division of Astral International Pvt. Ltd.

Nakanishi, M., & Soma, J. (2023). Efficacy of commercial live vaccines against QX-like infectious bronchitis virus in Japan. *Poultry Science*, *102*(5), 102612. https://doi.org/10.1016/j.psj.2023.102612

Putra, A. W., Maharani, T. D., Widigdyo, A., & Purnomo, P. (2024). Pengaruh Lama dan Intensitas Cahaya Terhadap Performa Produksi Ayam Petelur (Gallus gallus) Strain Isa Brown. *JAMI: Jurnal Ahli Muda Indonesia*, *5*(2), 157–163. https://doi.org/10.46510/jami.v5i2.317

Rahmahani, J., Akbar, D. I., & Suwarno, S. (2022). Comparison of Antigenicity Between Local and Massachusetts Strains of Infectious Bronchitis Virus using Indirect ELISA Test. *Jurnal Medik Veteriner*, *5*(1), 28–33. https://doi.org/10.20473/jmv.vol5.iss1.2022.28-33

Shao, L., Zhao, J., Li, L., Huang, X., Yang, H., Cheng, J., Liu, C., & Zhang, G. (2020). Pathogenic characteristics of a QX-like infectious bronchitis virus strain SD in chickens exposed at different ages and protective efficacy of combining live homologous and heterologous vaccination. *Veterinary Research*, *51*(1), 86. https://doi.org/10.1186/s13567-020-00811-y

Skupnjak, L. L., Vrdoljak, A., & Očuršćak, N. (2020). Duration of immunity acquired by vaccination with the live attenuated vaccine Avishield IB H120 against infectious bronchitis virus in SPF chickens. *Veterinarska Stanica*, *51*(6), 621–626. https://doi.org/10.46419/vs.51.6.7

Tabbu, C. R. (2024). *Manajemen Kesehatan Ayam Vaksinasi dan Pengobatan Penyakit Ayam* (Vol. 2). PT Kanisius.

Weng, W., Liu, Q., Xue, W., Wang, H., Fang, S., Sun, Y., Tan, L., Song, C., Qiu, X., Liu, W., Ding, C., & Liao, Y. (2022). Characterization of the Protective Efficacy Against QX Strain of a Recombinant Infectious Bronchitis Virus With H120 Backbone and QX Spike Gene. *Frontiers in Microbiology*, *13*. https://doi.org/10.3389/fmicb.2022.883642

Wibowo, M. H., Ginting, T. E., & Asmara, W. (2019). Molecular characterization of pathogenic 4/91-like and QX-like infectious bronchitis virus infecting commercial poultry farms in Indonesia. *Veterinary World*, *12*(2), 277–287. https://doi.org/10.14202/vetworld.2019.277-287

Wijaya, A., Asek, A., & Lusia Komala Widiastuti. (2023). Effect of Body Weight on Product Pengaruh Bobot Badan terhadap Produktivitas Ayam Petelur Strain Isa Brown. *JDP: Jurnal Dunia Peternakan*, *1*(2), 68–72. https://doi.org/10.37090/jdp.v1i2.1197

Yuan, S., Cheng, Q., Guo, J., Li, Z., Yang, J., Wang, C., Liang, Z., Zhang, X., Yu, H., Li, Y., Huang, S., & Wen, F. (2022). Detection and genetic characterization of novel infectious bronchitis viruses from recent outbreaks in broiler and layer chicken flocks in southern China, 2021. *Poultry Science*, *101*(10), 102082. https://doi.org/10.1016/j.psj.2022.102082

Zhang, L., Hou, Y., Ma, Z., Xie, J., Fan, J., Jiao, Y., Wang, F., Han, Z., Liu, S., & Ma, D. (2023). Effect of oral vitamin A supplementation on host immune response to infectious bronchitis virus infection in specific pathogen-free chicken. *Poultry Science*, *102*(7), 102701. https://doi.org/10.1016/j.psj.2023.102701

Zhang, X., Yan, K., Zhang, C., Guo, M., Chen, S., Liao, K., Bo, Z., Cao, Y., & Wu, Y. (2022). Pathogenicity comparison between QX-type and Mass-type infectious bronchitis virus to different segments of the oviducts in laying phase. *Virology Journal*, *19*(1), 62. https://doi.org/10.1186/s12985-022-01788-0