

**REFERENCES**

- Akoso, B.T. 2006. "Waspada Flu Burung" Penyakit Menular Pada Hewan dan Manusia. Kanisius. Yogyakarta.
- Anderson, T. R. 2006. Biology of the ubiquitous House Sparrow : from genes to populations. Oxford University Press, New York, USA.
- Baratawidjaja, K.G. 1998. Imunologi Dasar. Edisi Ketiga. Penerbit Fakultas Kedokteran Universitas Indonesia. Jakarta.
- BPS. 2015. Badan Pusat Statistik Kabupaten Blitar Jumlah Ternak yang Dipelihara oleh Rumah Tangga Usaha Peternakan Menurut Kecamatan dan Jenis Ternak. Accessed on August 10, 2019.
- Carlender, K. 2002. *Basic Immunology*. China: Saunders Elsevier.
- CIDRAP. 2004. Center for Infectious Disease Research & Policy Highly Pathogenic Avian Influenza (Fowl Plaque). Academic Health Center, University of Minnesota. pp. 14.
- Dandapat, A., D. Banerjee, D. Chakraborty. 2010. The case of the Disappearing House Sparrow (*Passer montanusindicus*). *Vet World* 3: 97-100.
- Direktorat Jenderal Peternakan dan Kesehatan Hewan. 2017. Situasi Kejadian Avian Influenza (AI) Pada Unggas Kondisi S/d 31 Maret 2017. <http://keswan.ditjenpkh.pertanian.go.id>. Accessed on April 6, 2019.
- Direktorat Kesehatan Hewan. 2012. Catatan Flu Burung pada Januari 2012. [www.ditjennak.deptan.go.id](http://www.ditjennak.deptan.go.id). Accessed on October 11, 2019.
- Elfidasari, D. dan R.L. Puspitasari. 2013. Analisa Cros Infection Virus AI subtipe H5N1 berdasarkan Imunoserologi pada Burung Air di Cagar Alam Pulau Dua. 2(2): 120-128.

- Emerging Infection Diseases (EID). 2006. Control of Avian Influenza in Poultry. <http://www.vetcite.org/publish/items/003162/index.html>. Accessed on March 6, 2019.
- Ernawati, R., A.P. Rahardjo, N. Sianita, J. Rahmahani, F.A. Rantam dan Suwarno. 2008. Petunjuk Praktikum Pemeriksaan Virologik dan Serologik. Fakultas Kedokteran Hewan. Universitas Airlangga. 28-30.
- FAO. 2008. Burung liar dan flu burung: Pengantar riset lapangan terapan dan tehnik pengambilan sampel penyakit. Disunting oleh D. Whitworth, S.H. Newman, T. Mundkur dan P. Harris. Panduan Produksi dan Kesehatan Hewan FAO, No. 5. Food and Agriculture Organization of the United Nations & Wetlands International - Indonesia Programme, Jakarta.
- Fenner, J.F. 1995. Virologi Veteriner. Edisi ke-2. Harya P, Penerjemah. Semarang: IKIP Semarang Press.
- Halminton and District Budgerigar Society Inc. 2007. Avian Flu. <http://www3.sympatico.ca/davehansen/avianflu.html>. Accessed on January 20, 2019.
- Harder, T.C. and O. Werner. 2006. Avian Influenza. <http://www.influenzareport.com/ir/ai.htm>. Accessed on February 14, 2019.
- Hatch, M. I. and Westneat, D. F. 2007. Age related patterns of reproductive success in house sparrow *Passer Montanus*. *Journal of Avian Biology* 38:603-611.
- Hewajuli, D.A., N.L.P. Dharmayanti dan Indi. 2008. Karakterisasi dan Identifikasi Virus Avian Influenza (AI). *Wartazoa*. Vol.18(2) p.86-100.
- Iqbal, M., T. Yaqub, K. Reddy, J.W. McCauley. 2009. Novel genotypes of H9N2 influenza A viruses isolated from poultry in Pakistan containing NS genes similar to highly pathogenic H7N3 and H5N1 viruses. *PLoS One* 2009; 4: e5788.
- Kandeil A., J.T. Hicks, S.G Young, A.N. El Taweel, A.S. Kayed, Y. Moatasim, O. Kutkat, O. Bagato, P.P. McKenzie, Z. Cai, R. Badra, M. Kutkat, J. Bahl, R.J. Webby, G. Kayali, M.A. Ali. Active surveillance and genetic evolution of avian influenza viruses in Egypt, 2016-2018. *Emerg Microbes Infect.* 2019;8(1):1370-1382. doi: 10.1080/22221751.2019.1663712. PMID: 31526249; PMCID: PMC6758608.
- Kayed A.S., A. Kandeil, R. El Shesheny, et al. 2016. Active surveillance of avian influenza viruses in Egyptian poultry. *Eastern Mediterranean health journal=La revue de sante de la Mediterranee orientale=al-Majallah al-sihhiyah li-sharq al-mutawassit*. 2016 Oct 2;22(7):557-61.
- Kumala, W. 2005. Avian Influenza: Profil dan Penularannya Pada Manusia. Universitas Trisakti. Oktober-Desember 2005. Vol.24 No.4.

- Li, K.S, Y. Guan, J. Wang, G.J.D. Smith, K.M. Xu, L.Duan, A.P.Rahardjo, P.Puthavatana, C.Buranathal, T.D. Nguyen, A.T.S. Estoepongastie, A. Chalsingh, P. Auewarakul, H.T. Long, N.T.H. Hanh, R.J. Webby, L.L.M. Poon, H.Chen, K.F. Shortridge, K.Y.Yuen, R.G Webster, J.S.M. Pelris. 2004. Genesis of a Higly Pathogenic and potentially pandemic H5N1 influenza virus in eastern Asia. *Nature*: 8 July 2004, Vol 430.
- Lowther, P. E. and C.L. Cink. 1992. *The Birds of North America*. No. 12. The American Ornithologists' Union.
- Monne I., M. Yamage, G. Dauphin, F. Claes, G. Ahmed, M. Giasuddin, A. Salviato, S. Ormelli, F. Bonfante, A. Schivo, G. Cattoli. 2013. Reassortant avian influenza A(H5N1) viruses with H9N2-PB1 gene in poultry, Bangladesh. *Emerg Infect Dis.*(10):1630-4. doi: 10.3201/eid1910.130534. PMID: 24047513; PMCID: PMC3811991.
- Muflihanah. 2009. Serological Diagnostic of Avian Influenza Infection. *The Indonesian Journal of Medizal Science* 1 (5): 298—308.
- Murphy, F.A., E.P.J Gibbs, M.C. Horzinek, M.J. Studdert. 2003. *Veterinary Virology* Third edition. 2003.
- Myers, P., R. Espinosa, C. S. Parr, T. Jones, G. S. Hammond, and T. A. Dewey. 2019. The Animal Diversity Web (online). Accessed at <https://animaldiversity.org>.
- Nazaruddin, W. 2008. Avian Influenza Pada Unggas. <http://www.vet-klinik.com/Perunggasan/Avian-Influenza-Pada-Unggas.html>. Accesed on December 12, 2018.
- Nidom, C.A. 2005. Analisis Molekuler Genoma Virus Avian Influenza H5N1 di Indonesia [Disertasi]. Program Pascasarjana Universitas Airlangga. Surabaya.
- Nidom, C.A. 2009. Menelusuri Penyebaran Virus Flu Burung di Indonesia (2003-2007). Airlangga University Press. Surabaya.
- Noah, D.L., H. Hill, D. Hines, L. White and MC. Wolff. 2009. Qualification of the Hemagglutination Inhibition Assay in Support of Pandemic Influenza Vaccine Licensure. *Clinical and Vaccine Immunology*. 16 (4): 58-566.
- Office International Des Epizooties (OIE). 2004. *Manual of Diagnostic Test and Vaccines for Terrestrial Animal*. World Organisation for Animal Health 4: 258 – 269.
- Office International Des Epizooties (OIE). 2005. Avian influenza. In: *OIE Manual For Diagnostic Tests And Vaccines For Terrestrial Animals* 5th ed. OIE, Paris.
- Office International Des Epizooties (OIE). 2012. *Manual of Standards for Diagnostik Tests and Vaccines*. Edisi 7. pp 436-452.

- Office International Des Epizooties (OIE). 2014 Terrestrial Manual Chapter 2.3.4-Avian Influenza. Accessed on March 7, 2019.
- Poetranto E.D., A.L. Poetranto, A.M. Nasri, A.Y.R. Candra, E.F. Puruhito, L. Wulandari, R. Yudhawati, L. Setiawati, R.A. Setyoningrum, Y. Takahara, H. Hotta, Y. Mori and K. Shimizu. 2016. Study of Tree-sparrow (*Passer montanus*) as Natural Spreader of H5N1 Virus. *Procedia Chemistry*, 10.1016/j.proche.2016.01.032, 18, (205-212), (2016).
- Raharjo, J. dan C.A. Nidom. 2004. Avian Influenza; Patogenesis, Pengendalian, dan Pemberantasannya. Hasil Investigasi Kasus Lapangan. GITA Pustaka.
- Schäfer W. 1955. Vergleichende sero-immunologische Untersuchungen über die Viren der Influenza und klassischen Geflügelpest. *Zeitschr Naturforschung*. 10b: 81-91
- Selleck, P. 2007. Serological Tests for The Detection of Antibodies Against Avian Influenza. CSIRO Australian Animal Health Laboratory, Geelong, Australia.
- Siregar, A.A., J. Pamungkas, S.S.D. Yusuf, T. Sunartatie and E.S. Pribadi. 2006 Diktat Penuntun Praktikum Mata Kuliah Mikrobiologi II. Bogor: Laboratorium Immunologi Veteriner Departmen IPHK FKH IPB.
- Smith GJD, T.S.P., Naipospos, T.D. Nguyen, M.D. Dejong, D. Vijaykrishna, T.B. Usman, S.S. Hassan, T.V. Nguyen, T.V. Dao, N.A. Bui, Y.H.C. Leung, C.L. Cheung, J.M. Rayner, L.J. Zhang, L.L.M. Poon, K.S. Li, V.C. Nguyen, T.T. Hien, J. Farrar, R.G. Webster, H. Chen, J.S.M Peiris and Y. Guan. 2006. Evolution and adaptation of H5N1 influenza virus in avian and human hosts in Indonesia and Vietnam. *Virology* 56: 45-53.
- Summers-Smith, J. D. 2010. The sparrows. T. & A. D. Poyser, London, UK.
- Sya'baningtyas, F. E., M. Chotim, M. Kharis. 2013. Model Matematika Wabah Flu Burung pada Populasi Unggas dengan Pengaruh Vaksinasi. *UJM* 2 (2) :127-132
- Syukur, D.A. 2006. Situasi Penyakit Flu Burung. [http://www.disnakeswanlampung.go.id/index.php?option=com\\_content&task=view&id=143&Itemid=9](http://www.disnakeswanlampung.go.id/index.php?option=com_content&task=view&id=143&Itemid=9). Accessed on March 6, 2019.
- Tabbu, C.R. 2000. Penyakit Ayam dan Penanggulangannya : Penyakit Bakterial, Mikal, dan Viral. Kanisius.Yogyakarta.
- Van Gils J. A., V.J. Munster, R. Radersma, D. Liefhebber, R.A.M. Fouchier and M. Klaassen. 2007. Hampered Foraging and Migratory Performance in Swans Infected with Low-pathogenic Avian Influenza A Virus. *PLoS ONE* 2, e184.

- Wellenberg, G. 2006. Avian Influenza Viruses: Detection Methods. Paper Presented in the Workshop on Polymerase Chain Reaction (PCR) Technique. Indonesia-Netherlands. Bogor, 2024 November 2006. BPMSOH and Animal Health Service Deventer, Netherland.
- WHO. 2002. WHO Manual on Animal Avian Influenza Diagnosis and Surveillance. WHO/CDR/CSR/NCS/2002.5.
- WHO. 2009. Situasi Avian Influenza di Indonesia. [http://who.int/csr/don/2008\\_12\\_09/en/index.html](http://who.int/csr/don/2008_12_09/en/index.html). Accessed on December 20, 2018.
- WHO. 2013. Serological Detection of Avian Influenza A (H7N9) Virus Infections by Turkey Haemagglutination-inhibition Assay. Accessed on June 10, 2019.
- Wibowo, M., W. Asmara and C.R. Tabbu. (2012). Isolasi dan Identifikasi Serologis Virus Avian Influenza Dari Sampel Unggas Yang Diperoleh di D.I. Yogyakarta dan Jawa Tengah. 24(1):77-83.
- Wilschut, J.C., J.E. Mc Elbaney and A.M. Palace. 2006. Influenza 2nd Ed Philadelphia, Elsevier: 27-40.
- Yesica, R. 2013. Deteksi Antibodi Avian Influenza (Subtipe H5) Dengan Uji HI (Hemagglutination Inhibition) Pada Serum Merpati (*Columba livia*) Yang Diambil dari Pasar Banjaran Kota Kediri [Skripsi]. Fakultas Kedokteran Hewan. Universitas Airlangga. Hal. 10.