

DAFTAR PUSTAKA

- Angela L.P., 2005. Cytokines storm and the Influenza Pandemic, Northwest Ohio, Consortium for Public Health.
- Asmara W., 2007. Peran Biologi Molekuler Dalam Pengendalian Avian Influenza dan Flu Burung. Pengukuhan Jabatan Guru Besar pada Fakultas Kedokteran Hewan Universitas Gajah Mada, Yogyakarta 12 Maret.
- Barbara L.T.K., 2008. Avian Influenza Surveillance in Migratory, Resident and Captive Birds in Java. Lokakarya Nasional Penyusunan Strategi dan Pedoman Surveilans Avian Influenza pada Burung Liar, Bogor 14-16 April.
- Bateman A.C., Bussch M.G., Alexander I., Bovin N., Olsen C.W., 2008. Amino acid 226 in the Hemagglutinin H4N6 Influenza Virus Determines Binding Affinity for 2,6 Linked Sialic acid and infectivity Level in Primary Swine and Human Respiratory Epithelial Cells. *Journal of Virology* Vol 82 No. 16.
- Beard C.W., 2003, Avian Influenza (Fowl Plague). Shoutheast Poultry Research Laboratory, Athens, G.A.
- Boon A.C.M., Matthew, R., Sandbulte, Patrick Seiler, Richard J., Webby, Thaweesak Songsem, Yi Guan and Robert G., Webster, 2007. Role of Terrestrial Wild Birds in Ecology of Influenza A Virus (H5N1). *Emerging Infectious Diseases*. www.cdc.gov/eid. Vol.13, No. 11, November.
- Brown J. D., Stallknecht and Swayne D. E., 2008. Experimental Infection of Swans and Geese with Highly Pathogenic Avian Influenza Virus (H5N1) of Asian Lineage, *Emerging Infectious Disease* "www.cdc.gov/eid" Vol. 14 No. 1 .
- Capua I., and Dennis j., Alexander, 2009. Ecology, Epidemiology and Human Health Implication of Avian Influenza Virus Infections. *Avian Influenza and Newcastle Disease Afield and Laboratory Manual*.
- Capua I. and Calogero Terregino. 2009. Clinical Traits and Pathology of Avian Influenza Infections, Guidelines for Farm Visit and Differential Diagnosis. *Avian Influenza and Newcastle Disease Afield and Laboratory Manual*.
- Chen H., G. Deng, Z. Li, G. Tiam, Y. Li, P. Jiao, L. Zhang, Z. Liu, R.G. Webster, and K. Yu., 2004. The evolution of H5N1 influenza viruses in ducks in Southern China. *Microbiology* 101 : 10451-10457.

- Dharmawan R. dan Wahyuningsih S. 2010. Penelusuran Perkembangan Virus Avian Influenza Dengan Metode Antigenic Cartography, Prosiding Rapat Teknis dan Pertemuan Ilmiah Kesehatan Hewan di Balai Besar Veteriner Wates.
- Dharmayanti N.L.P.I. dan Darminto, 2009. Mutasi Virus AI di Indonesia: Antigenic Drift Protein Hemagglutinin (HA) Virus Influenza H5N1 Tahun 2003-2006. *Media Kedokteran Hewan*. Vol.25. No. 1.
- Ellis T.M., Bousfield R.B., Bisset L.A., Dyrting K.C., Luk GS, Tsim S.T., Sturm-Ramirez K., Webster R.G., Guan Y., Malik Peiris J.S. 2004, Investigation of Outbreaks of highly pathogenic H5N1 avian influenza in waterfowl and wild birds in Hongkong in late 2002, *Avian pathol.* Oct; 33(5): 492-505.
- Ernawati R., Rahardjo A.P., Sianita N., Rahmahani J., Rantam F.A., Suwarno, 2008, Petunjuk Praktikum Pemeriksaan Virologik dan Serologik, Laboratorium Virologi dan Imunologi, Departemen Mikrobiologi Veteriner, Fakultas Kedokteran Hewan, Universitas Airlangga.
- Forrest, H.L., Jeong-Ki Kim, and Robert G. Webster, 2010. Virus Shedding and Potential for Interspecies Waterborne Transmission of Highly Pathogenic H5N1 Influenza Virus in Sparrows and Chickens, *Journal of Virology*, P. 3718-3720.
- Fouchier R.A.M., V. Munster A., Wallenstens T.M., Bestebroer S., Hersfst D., Smith, G.F., Rimmelzwaan B., Olsen and A.D.M.E. Osterhaus., 2005. Characterization of novel influenza A virus hemagglutinin subtype (H16) obtained black-headed gulls. *J Virol* 79 (5) : 2814-2822.
- Ghosh P., 2012. Bird flu 'could mutate to cause deadly human pandemic'. BBC news science and environment, 21 Juni.
- Hasan M.Z., 2009. Kebijakan Nasional Pengendalian Penyakit Avian Influenza (Flu Burung) di Indonesia. Surabaya 21 Januari.
- Hoffmann C., S. Korsman and B.S. Kamps, 2005. Treatment and Prophylaxis. *Influenza Report Journal*.
- Horimoto T. and Y. Kawaoka., 2001. Pandemic threat posed by avian influenza A viruses. *Clin Microbiol Rev.* 14 : 129-149.
- Holmes D. dan S. Nash, 1999. Burung-burung di Jawa dan Bali. Puslitbang Biologi Lipi Bogor.
- Howes J., D. Bakewell, dan Y.R. Noor. 2003. Panduan studi burung pantai. Wetlands International – Indonesia Programme, Bogor.

- Hulse D.J., Robert G. Webster, Rupert J., Russell and Daniel R. Perez.,2004. Moleculer Determinants within the Surface Protein Involve in the Pathogenicity of H5N1 Influenza Viruses in Chickens. *Journal of Virology*. Sept.
- Hurt A.C., Holien J.K., Barr I.G., 2009. In Vitro Generation of Neuromiase Inhibitor Resistance in A(H5N1) Influenza Viruses. *American Siciey for Microbiology Antimicrobial Agents and Chemotherapy*.
- Jones Y.L. and D.E. Swayne, 2003. Comparative Pathobiology of low and High Pathogenecity H7N3 Chilean Avian Influenza Virus in Chicken. *Avian Disease*. 48;119-128.
- Kawaoka Y., 2009. Avian Influenza In Indonesia Control, Prevention and Surveillance. Surabaya, 19 Maret.
- Kilpatrick A.M., Chimura A., Gibbon D. W., Fleischer R. C., Marra P.P. and P. Daszak, 2006. Predicting the global spread of H5N1 avian influenza. *Proceeding of National Academy of Sciences of the United State of America*.
- Kou Z., Yongdong Li , Zuohua Yin , Shan Guo , Mi ngli Wang , Xuebin Gao , Peng Li , Lijun Tang , Ping Jiang , Ze Luo , Zhi Xin , Changqing Ding , Yubang He , Zuyi Ren , Peng Cui , Hongfeng Zhao , Zhong zhang , Shuang Tang , Baoping Yan , Fumin Lei , Tianxian Li , 2009. The Survey of H5N1 Flu Virus in Wild Birds in 14 Provinces of China from 2004 to 2007. *Plos ONE / www.Plosone.org / Volume 4 Issue 9 / e6926*.
- Legowo D., 2011. Petunjuk praktikum Patologi. Fakultas Kedokteran Hewan Universitas Airlangga.
- Lipatov A. S., E.A. Govorkova, R.J. Webby, H. Ozaki, M. Peiris, Y. Guan, L. Poon, and R.G. Webster. 2004. Influenza : emergence and control. *J Virol* 78 : 8951-8959.
- Liu Q., Jinjian Ma, Zheng Kou, Juan Pu, Fumin Lei, Tianxian Li, dan Jinhua Liu, 2010., Characterization of a highly pathogenic avian influenza H5N1 Clade 2.3.4. virus isolated from a tree sparrow., *Virus Research*, Vol. 147, pages 25-29.
- MacKinnon J., K. Phillips.,B.V. Balen., 2000. Burung-burung di Sumatra, Jawa, Bali dan Kalimantan., *Puslitbang Biologi-Lipi*.
- Mahardika G.N. 2006. Peran Berbagai Hewan dalam Genesis Pandemi Avian Influenza., *Hemera Zoa* 83(1)18-23.

- Moerad B., 2004. Kebijakan Pemerintah dan Penanggulangan Wabah Avian Influenza Di Indonesia. Disampaikan dalam seminar Menyingkapi Dampak Avian Influenza Tanggal 14 Februari. Fakultas Kedokteran Hewan Universitas Airlangga.
- Muscona A., 2005. Neuroamidase Inhibitors for Influenza. *England Journal Medicine*, 353: 1363-1373.
- Nidom C.A., 2005. Analisis Molekuler genom Virus *Avian Influenza* H5N1 di Indonesia. Disertasi. Universitas Airlangga.
- Nidom C.A., 2009. International Symposium. Avian Influenza In Indonesia Control, Prevention and Surveillance, Surabaya 19 Maret.
- Noor Y.R., 2006. Burung migrant, fakta dibalik cerita. Perhimpunan Pelestarian Burung Liar Indonesia. Birdlife Indonesia.
- OIE Terrestrial Manual, 2009. Diagnostic Technique Avian Influenza.
- Pantin-Jackwood MJ., 2008. Immunohistochemical Staining for the detection of the avian influenza virus in tissue. *Methodes molecual biology*. Southeast Poultry Research Laboratory, US Department of Agriculture., Agricultural Research Service., Athens, GA, USA.
- Poetranto E. D., 2005. Deteksi Antibodi Avian Influenza subtype H5 Pada Burung Air Liar di Pantai Tempat Persinggahan Burung Migran. Seminar Nasional Dies Natalis Fakultas Kedokteran Hewan Universitas Airlangga, Surabaya 15-16 April.
- Poetranto E. D., Yamaoka, M. Natri, A. M., Krisna, L.A.w., Rahman, H., Wulandari, L. Yudhawati R., Ginting, T.E., Makino, A., Shinya, K., Kawaoka, Y., 2011. An H5N1 highly pathogenic avian influenza virus isolated from a local tree sparrow in Indonesia. *Microbiology and Immunology Journal*.
- Rahardjo Y., (2004). Avian Influenza, Pencegahan, Pengendalian dan Pembrantasannya. Hasil Investigasi Kasus Lapangan. Gallus Indonesia Utama.
- Rantam F.A., 2005. Virologi, Airlangga University Press.
- Rantam F.A., 2009. Tehnik Pemeriksaan Immunologi., Seminar sehari, Surabaya, 11 Juli.



- Rantam F. A., Poetranto, E.D., Rahardjo, A. P., Suwarno., Sianita, N. Ernawati, R., Rahmahani, J. 2007. Kajian Burung Migrasi Sebagai Sumber Penularan Terhadap Pencegahan Penyebaran Wabah Flu Burung Penelitian Kerjasama Dinas Peternakan Propinsi Jawa Timur dengan Lembaga Penelitian dan Pengabdian Kepada Masyarakat Universitas Airlangga.
- Shinya, 2010. Institute Tropical Diseases. Airlangga University.
- Sulandari, 2009. Lipi. Domestikasi ayam Indonesia. Kompas 21 Juli.
- Susanti R., Retno D.S., Mahardika I.G.N., Wibawan I.W.T., dan Suhartono, M.T., 2009. Isolasi dan Identifikasi Virus Avian Influenza Subtipe H5N1 pada Unggas Air Sehat di Peternakan Skala Rumah Tangga di Jawa Barat, Media Kedokteran Hewan Vol. 24 No.3, September.
- Suwarno, 2009. Karakteristik Protein NI Virus Avian Influenza A/Ck/BI/Indonesia/2003 sebagai Antigen Diagnostik pada ELISA Tak Langsung, Media Kedokteran Hewan Vol. 24. No. 3.
- Stevens J., Blixt O., Tumpey T.M., Taunberger J.K., Paulson J.C. and Wilson I.A., 2006. Structure and receptor specificity of hemagglutinin from an H5N1 influenza virus. *Science*, 312: 404-410
- Steven j., Blixt O., Paulson I.A., Wilson I.A., 2007. Structure and Receptor Specificity Avian Flu Antigen, ALS News Vol.278.
- Suzuki Y., and Nei M., 2002. Origin and evolution of influenza hemagglutinin genes. *Molekul Biologi Evolution*. 19: 501-509.
- Tabbu C.R. 2000. Penyakit Ayam dan Penanggulangannya Penyakit Bakterial, Mikal Dan Viral. Yogyakarta; Kanisius, 238-243.
- Wallace R., Ho Dac, R., Lathrop R. and W.Fitch, 2008. A stastical Phylogeography of influenza A H5N1 PNAS (Proceeding of National Academy of Sciences of the United State of America).
- Wang J., D. VijayKrishna L., Duan J., Bahl J.X., Zhang R. G., Webster J.S. M., Peiris H., Chen, Gavin J. D., Smith and Y. Guan, 2006. Identification of the progenitors of Indonesia and Vietnam avian influenza A (H5N1) viruses from southern China. *The New England Journal of Medicine*. November 23.
- WHO. 2009. Pandemic (H1N1) 2009 – update 59. World Organization for Animal Health <http://www.who.int/>
- WHO, 2012. Cumulative number of confirmed human cases for avian influenza A(H5N1) reported to WHO, 2003- 10 August 2012.

- Wibawan I.W.T. dan Mahardika, G.N., 2006. Mekanisme Kekebalan terhadap Avian Influenza pada Unggas., *Hemera Zoa* 83(1)7-17.
- Widiyatno T.V., 2005. Avian Influenza Pathological Aspects., Buku Panduan Surveilans Penyakit Avian Influenza.
- Wijayanti S. P. M., 2007. Karakteristik Molekuler Tapak perlekatan Reseptor (Receptor binding site) Virus Avian Influenza H5N1 Isolat burung Puyuh asal Demak dan Ayam Kampung asal Purworejo, Thesis S2 Pasca Sarjana UGM.
- Yamaoka M. 2011. Personal komunikasi. Institute Tropical Disease Airlangga University Surabaya.
- Yong Poovoravan, 2007. Molekul Epidemiology of Avian Influenza H5N1 in Thailand, *Science Asia Supplement* 1 (2007) 87-89.
- You L.,Kortenweg C., Gu W.H.J., 2008. Avian Influenza Receptor Expression in H5N1 Infected and non Infected Human Tissue, the *Faseb Journal* 22: 733-740.