

## REFERENCES

- Akey, B.L. 2003. Low-pathogenicity H7N2 avian influenza outbreak in Virginia during 2002. *Avian Diseases* 47:1099–1103.
- Andral, B., D., Toquin, F., Madec, M., Aymard, J.M., Gourreau, C., Kaiser, M., Fontaine, and M.H. Metz. 1985. Disease in turkeys associated with H1N1 influenza virus following an outbreak of the disease in swine. *Veterinary Record* 116:617–618.
- Bano, S., K. Naeem, and S.A. Malik. 2003. Evaluation of pathogenic potential of avian influenza
- Beare, A.S., and R.G. Webster. 1991. Replication of avian influenza viruses in humans. *Archives of Virology* 119:37–42.
- Broom, Donald M., Hilaria Sena, Kiera L., and Moynihan . 2009. *Animal Behaviour* 78 (5): 1037–1041. doi:10.1016/j.anbehav.2009.07.027.
- Bourmakina, S.V., and A. Garcia-Sastre. 2003. Reverse genetics studies on the filamentous morphology of influenza A virus. *Journal of General Virology* 84:517–527.
- Castrucci M.R., Donatelli I., Sidoli L., Barigazzi G., Kawaoka Y., Webster R.G. 1993. Genetic reassortment between avian and human influenza A viruses in Italian swine. *Virology*. 1993;193:503–6. DOI&PubMed
- Chan, M.C., Cheung, C.Y., Chui, W.H., Tsao, S.W., Nicholls, J.M., Chan, Y.O., Chan, R.W., Long, H.T., Poon, L.L., Guan, Y., Peiris, J.S. (2005)."Proinflammatory cytokine responses induced by influenza A (H5N1) viruses in primary human alveolar and bronchial epithelial cells". *Respir. Res.* 6 (1): 135. doi:10.1186/1465-9921-6-135.PMC 1318487. PMID 16283933.
- Chen, W., P., A. Calvo, D., Malide, J., Gibbs, U., Schubert, I. Bacik, S. Basta, R. O'Neill, J. Schickli, P. Palese, P. Henklein, J.R. Bennink, and J.W. Yewdell. 2001. A novel influenza A virus mitochondrial protein that induces cell death. *Nature Medicine* 7:1306–1312.
- Connor, R.J., Y. Kawaoka, R.G. Webster, and J.C. Paulson. 1994. Receptor specificity in human, avian, and equine H2 and H3 influenza virus isolates. *Virology* 205:17–23.
- Donald, H.B., and A. Isaacs. 1954. Counts of influenza virus particles. *Journal of General Microbiology* 10:457–464.

- Enami, M., G. Sharma, C. Benham, and P. Palese. 1991. An influenza virus containing nine different RNA segments. *Virology* 185:291–298.
- Fenner, F. J., Gibbs, E. P. J., Murpy, F. A., Rott, R. Studert, M. J. And White, D. O. 1995. *Veterinary Virology*. 2<sup>nd</sup> ed. (Harya Putra dkk, Trans). IKIP Semarang Press. Semarang
- Food and Agriculture Organization. 2011. Epidemiology of Avian Influenza – Animal Production and Health Division. <http://www.fao.org/avianflu/en/clinical.html>
- Hinshaw, V.S., R.G. Webster, B.C. Easterday and W.J. Bean, Jr. 1981. Replication of avian influenza A viruses in mammals. *Infection and Immunity* 34:354–361.
- Ito T., Couceiro J.N., Keim S., Baum L.G., Krauss S., Castrucci M.R., 1998. Molecular basis for the generation in swine of influenza A viruses with pandemic potential. *J Virol.*;72:7367–73.
- Karasin, A.I., M.M. Schutten, L.A. Cooper, C.B. Smith, K. Subbarao, G.A. Anderson, S. Carman, and C.W. Olsen. 2000. Genetic characterization of H3N2 influenza viruses isolated from swine in North America, 1977–1999: evidence for wholly human and reassortant virus genotypes. *Virus Research* 68:71–85. Kibenge, F.S., K. Munir, M.J. Kibenge, T. Joseph, and E. Moneke. 2004. Infectious salmon anemia virus: causative agent, pathogenesis and immunity. *Animal Health Research Reviews* 5:65–78.
- Kida H., Ito T., Yasuda J., Shimizu Y., Itakura C., Shortridge K.F.. 1994. Potential for transmission of avian influenza viruses to swine. *J Gen Virol.*;75:2183–8
- Kuchipudi S.V., Nelli R., White G.A., Bain M., Chang K.C., Dunham S. 2009. Differences in influenza virus receptors in chickens and ducks: implications for interspecies transmission. *J Mol Genet Med.*;3:143–51
- Kuno, G., G.J. Chang, K.R. Tsuchiya, and B.R. Miller. 2001. Phylogeny of Thogoto virus. *Virus Genes* 23:211–4.
- Lee, C.W., D.A. Senne, J.A. Linares, P.R. Woolcock, D.E. Stallknecht, E. Spackman, D.E. Swayne, and D.L. Suarez. 2004. Characterization of recent H5N1 subtype avian influenza viruses from US poultry. *Avian Pathology* 33:288–297.
- Lipatov A.S., Kwon Y.K., Sarmento L.V., Lager K.M., Spackman E., Suarez D.L. 2008. Domestic swine have low susceptibility to H5N1 highly pathogenic avian influenza viruses. *PLoS Pathog.* ;4:e100010
- Mills, J. 2001. *Viral Infection: Medical Immunology*. 10<sup>th</sup> ed. The McGraw-hill Companies, Inch. United States. 617-635

- Nidom, C. A., Ryo Takano, Shinya Yamada, Yuko Sakai-Tagawa, Syafril Daulay, Didi Aswadi, Takashi Suzuki, Yasuo Suzuki, Kyoko Shinya, Kiyoko Iwatsuki-Horimoto, Yukiko Muramoto, and Yoshihiro Kawaoka. 2010. Influenza A (H5N1) from Swine Indonesia. Emerging Infectious Disease Journal, Vol.16 Num, 10.
- O'Neill, R.E., R. Jaskunas, G. Blobel, P. Palese, and J. Moroianu. 1995. Nuclear import of influenza virus RNA can be mediated by viral nucleoprotein and transport factors required for protein import. Journal of Biological Chemistry 270: 22701–22704.
- OIE. 2002. Highly Pathogenic Avian Influenza. <http://www.oie.int/eng/maladies/fiches/A150.htm>. [21 Maret 2012]
- OIE. 2005. Manual of Diagnostic Test and Vaccines for Terrestrial Animals. <http://www.oie.int/eng/normes/manual/A0037.htm>. [21 Maret 2012]
- OIE. 2010. Pathogenicity of Avian Influenza. <http://www.google.co.id/url?sa=t&rct=j&q=&esrc=s&source=web&cd=11&ved=0CCIQFjAAOAo&uri=http%3A%2F%2Fwww.eaza.net%2Factiviti>. [14 April 2012]
- Olsen, Christopher W., Brown, Lan H., Easteray, Bernard C., Reeth, Kristien Van. 2006. Swine Influenza in the Swine Disease 9<sup>th</sup>. Well Publishing 469 - 482
- Roos, Robert. 2009. H5Ni Virus May Be Adapting on Swine in Indonesia. CIDRAP News, Marc 31th 2009
- Shinya, K., M. Ebina, S. Yamada, M. Ono, N. Kasai, and Y. Kawaoka. 2006. Avian flu: influenza virus receptors in the human airway. Nature 440:435–436.
- Smith GJ, Vijaykrishna D, Bahl J, Lycett SJ, Worobey M, Pybus OG. 2009. Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. Nature.;459:1122–5.
- Steinhauer, D.A. 1999. Role of hemagglutinin cleavage for the pathogenicity of influenza virus. Virology 258:1–20.
- Suarez, David L. 2008. Influenza A Virus – Avian Influenza. Oxford. Blackwell Publishing
- Suzuki, Y. 2005. Sialobiology of influenza: molecular mechanism of host range variation of influenza viruses. Biological Pharmacy Bulletin 28:399–408.
- Takano R, Nidom CA, Kiso M, et al. 2009. A comparison of the pathogenicity of avian and swine H5N1 influenza viruses in Indonesia. Arch Virol

- Thompson, C.I., W.S. Barclay, M.C. Zambon, and R.J. Pickles. 2006. Infection of human airway epithelium by human and avian strains of influenza A virus. *Journal of Virology* 80:8060–8068.
- Treanor JJ. 2009. Influenza viruses, including avian influenza and swine influenza. In: Mandell GL, Bennett JE, Dolin R, eds. *Principles and Practice of Infectious Diseases*. 7th ed. Philadelphia, Pa: Elsevier Churchill Livingstone:chap 165.
- WHO. 2002. WHO Manual on Animal Influenza Diagnosis and Surveillance. WHO/CDS/CSR/NCS/2002.5 Rev. 1
- WHO. 2004. WHO Manual on Animal Influenza Diagnosis and Surveillance. WHO/CDS/CSR/NCS/2002.5 Rev. 1
- World Organization for Animal Health. 2006. Avian influenza 2.7.12, Terrestrial Animal Health Code—2006. World Organization for Animal Health: Paris, France
- X. Chen , et al. 2007. "The S-Layer Proteins of *L. crispatus* strain ZJ001 is responsible for competitive exclusion against *E. coli* O157:h7 and *S. typhimurium*". *Int. J. Food Microbiology* 115 (3): 307–312.
- Yamada, S., Y. Suzuki, T. Suzuki, M.Q. Le, C.A. Nidom, Y. Sakai-Tagawa, Y. Muramoto, M. Ito, M. Kiso, T. Horimoto, K. Shinya, T. Sawada, M. Kiso, T. Usui, T. Murata, Y. Lin, A. Hay, L.F. Haire, D.J. Stevens, R.J. Russell, S.J. Gamblin, J.J. Skehel, and Y. Kawaoka. 2006. Haemagglutinin mutations responsible for the binding of H5N1 influenza A viruses to human-type receptors. *Nature* 444:378– 382.