

Resume

Mahmoud M. Ismail D.V.M, M.V.Sc., Ph.D.

Associate Professor of Poultry Diseases

Department of Poultry Diseases.

College of Veterinary Medicine at Kafr-Elsheikh

Kafr-Elsheikh University, Egypt

Tel&Fax + 2 (047) 3231311

E-mail mismaiel@hotmail.com

Mobile phone +966 507602261

Personal

Born November 28, 1964 Kafr-Elsheikh, Egypt, Married.

Education

Degree	Institute	Year	Specialty
Ph.D.	The Ohio State University, USA	1997-2001	Veterinary Preventive Medicine, Enteric viruses in poultry, Avian coronaviruses, Avian Immunology and Virology.
MS	Zagazig University, Egypt	1988-1992	Poultry Diseases, Mycotic infections in poultry farms. Isolation and classification of different fungal infections from poultry. Mycotoxins.
DVM	College of Vet. Medicine, Zagazig University, Egypt	1983-1987	Veterinary Medicine

Work Experience

October 2009 - till now. Associate professor of poultry diseases, College of Veterinary Medicine and Animal Resources, King Faisal University, Kingdom of Saudi Arabia.

August 2007 - September 2009. Head of poultry diseases section, Central Veterinary Diagnostic Lab., in Riyadh, Ministry of Agriculture, Saudi Arabia. I am responsible for the diagnosis of different poultry diseases like the highly pathogenic avian influenza (HPAI), newcastle disease, infectious bronchitis,

infectious bursal disease as well as different bacterial disease like salmonellosis, colibacillosis etc. I have been using The Real Time RT-PCR procedure for the diagnosis of the latest outbreaks of HPAI in Saudi Arabia.

March 2008 - present: Associate professor of poultry diseases. Department of poultry and fish, College of Veterinary Medicine at Kafr-Elsheikh, Kafr-Elsheikh University, Egypt.

July 2003 - July 2006. (on Leave from Home University) Poultry diseases consultant in the Ministry of Agriculture, Saudi Arabia, Preparing contingency plan for Avian Influenza in Saudi Arabia.

February 2002 - April 2007. Lecturer (Assistant professor) of poultry diseases. Department of poultry and fish, College of Veterinary Medicine at Kafr-Elsheikh, Kafr-Elsheikh University, Egypt.

November 2001 - February 2002. Post-doctoral researcher in Dr. Y. M. Saif's laboratory. Food Animal Health Research Program. Department of Veterinary Preventive Medicine. The Ohio State University, Wooster, Ohio, USA.

1996 – 2001. Ph.D. Candidate, advisor Dr. Y. M. Saif. Food Animal Health Research Program (Veterinary Preventive Medicine). The Ohio State University, Wooster, Ohio, USA. Thesis: Studies on coronaviruses in turkeys.

1992 - 1996. Assistant lecturer, teaching Poultry Diseases in the Department of Poultry Diseases, College of Veterinary Medicine at Kafr-Elsheikh, Tanta University, Egypt.

1987 - 1992. Graduate research assistant, teaching the laboratory related course of Poultry Diseases in Department of Poultry Diseases, College of Veterinary Medicine, Zagazig University, Egypt.

Awards / Distinction

- Award from Egyptian veterinary syndicate for obtaining DVM with honor.
- Fellowship from Ministry of Higher Education, Egypt, to complete my graduate studies in USA.

Publications

1. Lu, H., **M. M. Ismail**, O. A. Khan and M. H. Al-Blowi. Diagnostics and Control Measures for the H5N1 Highly Pathogenic Avian Influenza Outbreaks in Kingdom of Saudi Arabia, 2007-08. Avian Diseases (Accepted for publication). 2009.
2. **Ismail, M. M.**, O. A. Khan, G. Cattoli, and H. Lu. Isolation and identification of highly pathogenic avian influenza virus subtype H5N1 in Peafowl (*Pavo cristatus*). Avian Diseases (Accepted for publication), 2009.
3. Khan O. A, M. A. Shuaib, S.S Abdel Rhman, **M. M. Ismail**, A. Fusaro, F. Annalisa and G. Cattoli. Isolation and identification of highly pathogenic avian influenza virus H5N1 from houbara bustards (*Chlamydotis undulata macqueenii*) and contact falcons. Avian Pathology 38: 35-39. (2009).
4. Isabella Monne, Alice Fusaro, Mohamed Hamad Al-Blowi, **Mahmoud Moussa Ismail**, Owais Ahmed Khan, Gwenaëlle Dauphin, Astrid Tripodi, Annalisa Salviato, Stefano Marangon, Ilaria Capua, and Giovanni Cattoli. Co-circulation of two sublineages of **HPAI H5N1** virus in the Kingdom of Saudi Arabia with unique molecular signatures suggesting separate introductions into the commercial poultry and falconry sectors. Journal of General Virology 89, 2691–2697. (2008).
5. Tang, Y., **Ismail, M. M.**, and Y. M. Saif. Development of antigen capture-enzyme linked-immunosorbant assay and RT-PCR for detection of turkey astrovirus. Avian Diseases 49. 182-188. (2005).
6. **Ismail, M. M.**, Y. Tang, and Y. M. Saif. Pathogenicity of turkey coronavirus in turkeys and chickens. Avian Diseases 47:515-522.(2003)

7. **Ismail, M. M.**, K.-O. Cho, L. A. Ward, L. J. Saif, and Y. M. Saif. Experimental bovine coronavirus in turkey poult and young chickens. Avian Diseases 45:157-163. (2001).
8. **Ismail, M. M.**, K.O.-Cho, M. Hasoksuz, L. J. Saif, and Y. M. Saif. Antigenic and genomic relatedness of turkey origin coronaviruses, bovine coronaviruses and infectious bronchitis virus of chickens. Avian Diseases 45: 978-984. (2001).
9. Yu. M., **M. M. Ismail**, M. A. Qureshi, R. N. Dearth. H. J. Barnes, and Y. M. Saif. Viral agents associated with poult enteritis and mortality syndrome: the role of a small round virus and a turkey coronavirus. Avian Diseases 44:279-304. (2000).
10. **Ismail, M. M.** and M. A. El Shorbagy. Seroprevalence of H9N2 subtype avian influenza in chicken farms in Saudi Arabia. Kafr El-Sheikh Vet. Med. Journal. 4: 73-83. (2006).
11. Metwally, A. Y., Sabria B. Abou El-Soud, **M. M. Ismail** and A. M. Hegazy. Studies on ascites in broilers. (3rd Int. Sci. Conf. Mansoura, Egypt. 29-30 April 2003). 427-441. (2003).
12. Metwally, A. Y., A. M. Hegazy, **M. M. Ismail** and A. A. Abou Rawash. Reovirus associated with neonatal hydrocephalus in rabbits. Egyptian J. of Agricultural Research. (Special issue, 2nd scientific congress for provincial laboratories 7-10 September, 2003) 81: 625-641.
13. Elshorbagy, M. A., and **M. M. Ismail**. Some studies on the prevalence rate of *Salmonella* microorganisms in poultry operation system in kingdom of Saudi Arabia (KSA). (The fourth scientific conference for veterinary medical researchers 2-4 October, 2004). Alexandria J. Vet. Science. 21: 186-197. (2004).

14. Metwally, A. Y., **M. M. Ismail**, A. M. Hegazy and H. A. Soliman. Efficacy of a new isolate rabbit hemorrhagic disease virus vaccine. Kafr El-Sheikh Vet. Med. Journal. 4: 45-58. (2006).
15. **Ismail, M. M.**, and A. Y. Desouky. The anticoccidial effect of Turmeric and Ginger against *Eimeria tenella*. Kafr El-Sheikh Vet. Med. Journal. 4: 59-72. (2006).
16. **Ismail, M. M.**, and A. Y. Metwally. Genomic relatedness of turkey coronaviruses, bovine coronavirus and infectious bronchitis virus of chickens. Kafr El-Sheikh Vet. Med. Journal. 4: 105-118. (2006).

Presentations/Abstracts in scientific Conference

1. Lu, H., **M. M. Ismail**, O. A. Khan, M. H. Al-Blawi. Diagnostics and Control Measures for the H5N1 Highly Pathogenic Avian Influenza Outbreaks in Kingdom of Saudi Arabia, 2007-08. Presentation. The 7th International Symposium on Avian Influenza: "Avian Influenza in Poultry and Wild Birds". Athens, Georgia, USA, 5-8 April 2009.
2. **Ismail, M. M.**, O. A. Khan, G. Cattoli, and H. Lu. Isolation and identification of highly pathogenic avian influenza virus subtype H5N1 in Peafowl (*Pavo cristatus*). Presentation. The 7th International Symposium on Avian Influenza: "Avian Influenza in Poultry and Wild Birds". Athens, Georgia, USA, 5-8 April 2009.
3. **Ismail, M. M.**, K.-O. Cho, L. J. Saif, and Y. M. Saif. Studies on avian coronaviruses. Presentation. 12th International congress of the world veterinary poultry association, Cairo, Egypt. January 28th- February 2nd. 2002.
4. **Ismail, M. M.**, Y. Tang, and Y. M. Saif. Pathogenicity of turkey coronavirus in turkeys and chickens. Presentation. 52nd north central avian disease conference, Grand Rapids, Michigan. USA. September 30th- October 2nd. 2001.

5. **Ismail, M. M.**, K.O.-Cho, Y. Tang, L. J. Saif, and Y. M. Saif. Antigenic and genomic relatedness of turkey origin coronaviruses, bovine coronaviruses and infectious bronchitis virus of chickens. Presentation. 51st north central avian disease conference, Columbus, Ohio. USA. October 8-10. 2000.
6. Yu. M., **M. M. Ismail**, M. A. Qureshi, R. N. Dearth. H. J. Barnes, and Y. M. Saif. Studies on the etiology of poult enteritis and mortality syndrome and characterization of a small round virus. Presentation. 50th north central avian disease conference, Minneapolis, Minnesota. USA. October 3-5. 1999.
7. **Ismail, M. M.**, K.-O. Cho, R. N. Dearth, L. J. Saif, and Y. M. Saif. Bovine coronavirus infection in chicks and turkey poults. Presentation. 50th north central avian disease conference, Minneapolis, Minnesota. USA. October 3-5. 1999.
8. Third international scientific conference, held in College of Veterinary Medicine, Mansoura University, Mansoura, Egypt 29-30 April 2003.
9. First scientific conference of College of Veterinary Medicine, Tanta University, Egypt. "Veterinary Medicine and Future Prospects" May, 6-8. 2003.
10. First Symposium on Poultry in Kingdom of Saudia Arabia. Organized by the Association of poultry producers in KSA. Mamlaka Tower, Riyadh, KSA. March 7-9. 2004.
11. Lectures in many educational and training courses arranged by governmental veterinary authorities to educate public and veterinarians about animal diseases as avian influenza, foot and mouth disease, west Nile fever, Newcastle disease, etc.... and biosecurity in Poultry farms in Egypt and Saudi Arabia.
12. Lecture titled (Avian Influenza in Saudi Arabia; highlights on the latest outbreak). International conference of emerging viral diseases in Jeddah, KSA, June, 14-16th. 2008.

- 13.** Presentation titled (Role of Veterinary Laboratories in diagnosis of Avian Influenza). Workshop on Avian Influenza organized by Ministry of Agriculture, Riyadh, KSA. January, 25-26th 2009.