

Dr. MOHAMMED ALI ALHAMMADI, BVM, MSc, PhD



Education

- 2009 Medical Virology, PhD. entitled “Molecular Diagnosis and Surveillance of Community Acquired Respiratory Viral Infections”.
School of Medicine, The University of Manchester, UK
- 2002 Animal Health Laboratory Diagnosis, MSc. (Virology) entitled
“Studies of Marek’s Disease Virus in Al Ahsa Province”.
College of Veterinary Medicine, King Faisal University, KSA
- 1995 Veterinary Medicine, BVM.
College of Veterinary Medicine, King Faisal University, KSA

Work experience

- 2009 -To date Assistance Professor of Virology, Department of Microbiology and Parasitology, College of Veterinary Medicine, King Faisal University, KSA
- 2013- 2015 Vice-dean of students services in deanship of students affair
- 2012- 2013 Head of department, Microbiology and Parasitology, Collage of Veterinary Medicine, King Faisal University, KSA
- 2001-2004 General Laboratories Manager
College of Veterinary Medicine, King Faisal University, KSA
- 2001-2002 Electron Microscopy Unit Manager
College of Veterinary Medicine, King Faisal University, KSA
- 1995-2003 Teaching Assistant
College of Veterinary Medicine, Department of Microbiology, King Faisal University, KSA

Workshops

- 2018 Active and interactive learning, KSA
- 2017 Problem-Based Learning, KSA
- 2017 MERSCoV: the current challenges and the future prospective, KSA
- 2016 Al Asfar Lake Between The Present and The Future, KSA
- 2012 Recruitment and development and sustainability of the faculty members of the twenty-first century, KSA
- 2011 Evaluation of job performance, KSA

- 2011 Programs description and annual reports, KSA
 2010 The strategy of success in writing research proposals, KSA

Training Courses

- 2018 Problems solving based learning, KSA
 2018 Skills of successful assessment, KSA
 2015 Dealing with Research Failure and Turning it into Success, KSA
 2014 King Faisal University staff development programme, UK
 2007 Graduate Teaching Assistance, University of Manchester, UK
 2002 Transmission Electron Microscopy, Joel Ltd, Tokyo, Japan
 2002 Scanning Electron Microscopy, Joel Ltd, Tokyo, Japan
 2000 Electron Microscopy: Techniques and interpretation, Assiut University, Egypt
 1998 International Atomic Energy Agency (IAEA) fellowship on Animal Diseases at the animal production unit, IAEA laboratories, Seibersdorf, Austria

Conferences

- 2015 5th World Congress on Virology, Atlanta, USA
 2012 27th Meeting of the Saudi Biological Society, Jazan, KSA
 2011 Next Gen Sequencing Europe, Hamburg, Germany
 2010 4th European Congress of Virology, Como Lake, Italy
 2006 9th Meeting of the European Society for Clinical Virology, Birmingham, UK

Publications

Mohammed Ali Al-Hammadi, Evaluation of the immune response of some chicken farms to infectious bronchitis virus in Al-Ahsa province in Saudi Arabia. 2018, Assiut Veterinary Medical Journal, Vol. 64, No. 158, 9-15,

Maged Gomaa Hemida, **Mohammed Al-Hammadi**, Prevalence and molecular characteristics of fowl adenovirus serotype 4 in eastern Saudi Arabia. 2017, Turkish journal of veterinary and animal sciences, 41, 506-513

M. Hemida, **M. Alhammadi**, A. Daleb & A. Alnaeem, Molecular and serological surveillance of African horse sickness virus in Eastern and Central Saudi Arabia. 2017, Rev Sci Tech Off Int Epiz, 36 (3), 885-894,

Hemida MG, **Al-Hammadi MA**, Daleb AHS, Gonsalves CR, Molecular characterization and phylogenetic analyses of virulent infectious bronchitis viruses isolated from chickens in Eastern Saudi Arabia. 2017, VirusDisease, 28(2):189-199

Hemida MG, Chu DKW, Perera RAPM, Ko RLW, So RTY, Ng BCY, Chan SMS, Chu S, Alnaeem AA, **Alhammadi MA**, Webby RJ, Poon LLM, Balasuriya UBR, Peiris M., Coronavirus infections in horses in Saudi Arabia and Oman. 2017, Transboundary and Emerging Diseases, 64(6):2093-2103

Ismail MM, Mohamed MH, El-Sabagh IM, **Al-Hammadi MA**, Emergence of new virulent rabbit hemorrhagic disease virus strains in Saudi Arabia. 2017, Tropical Animal Health and Production, 49(2):295-301

Salem M. and **Al-Hammadi M.**, The concern of Foot-and-Mouth Disease (FMD) in Arabian dromedary camels in the eastern province of Saudi Arabia. 2015, Veterinary Medical Journal-Giza (VMJG), 61(4): 51-56

Mohammed Ali Al-Hammadi, Serological Surveillance of Infectious Bovine Rhinotracheitis virus, Bovine viral diarrhoea virus and Bovine Parainfluenza-3 virus in Saudi Arabia. 2016, The Alexandria Journal of Veterinary Sciences (AJVS), 51(1): 48-53

Maged G. Hemida, Daniel K.W. Chu, Leo L.M. Poon, Ranawaka A.P.M. Perera, **Mohammad A. Alhammadi**, Hoi-ye Ng Lewis Y. Siu, Yi Guan, Abdelmohsen Alnaeem, and Malik Peiris, MERS Coronavirus in Dromedary Camel Herd, Saudi Arabia. 2014, Emerging Infectious Diseases, Vol. 20, No. 7

Hemida M, Perera R, Wang P, **Alhammadi M**, Siu L, Li M, Poon L, Saif L, Alnaeem A, Peiris M. Middle East Respiratory Syndrome (MERS) coronavirus seroprevalence in domestic livestock in Saudi Arabia, 2010 to 2013. 2013. Euro Surveill. Dec 12;18(50)

Abedi Kiasari B, Valley PJ, Corless CE, **Al-Hammadi M**, Klapper PE. Age-related pattern of KI and WU polyomavirus infection. 2008, J Clin Virol., Sep;43(1):123-125

Ongoing research

- Norovirus as a possible cause of gastroenteritis in domestic animals
- Detection of gastroenteritis born-viruses in domestic animals by electron microscopy
- Seroprevalence and detection of bovine respiratory viruses in Saudi Arabia
- Molecular Characterization of Camel Papillomaviruses (CdPVs) in Cutaneous Lesions of Camels in Saudi Arabia
- Some clinical studies and development of control measures for the Middle East respiratory syndrome coronavirus in Saudi Arabia (KACST)

Summary of specialist skills

- Molecular Approaches – DNA Extraction methods, Gel-based PCR, Real-Time PCR, DNA Sequencing, Gene Cloning.
- Tissue Culture – Virus isolation, virus titration.
- Antigen Detection – use of immunofluorescence assays, immunoperoxidase assays and ELISA.
- Serological tests.

IT

Experienced in SPSS Statistics computer package; Advanced use of generic utilities such as Excel and powerpoint.

Languages

Fluent Arabic and English

Contact details

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