

Curriculum Vitae

Personal details:

Name: Mustafa Mohammed-Khair Ababneh BVSc (Hons III), PhD
Assistant Professor of Veterinary Virology
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Education:

2001- 2005 PhD Veterinary Microbiology (Virology), Purdue University, Indiana, USA
1994-1999 Bachelor of Veterinary Science (Hons III), Jordan University of Science and Technology

Fellowships:

2007 **2008 Endeavour Research Fellowship (Post-doctoral fellowship in Australian National University)**. A Highly prestigious award from Australian Government.
http://www.endeavour.deewr.gov.au/international_applicants/research_fellowships.htm

2002 Special Initiative Fellowship (Purdue University)
1994-1999 Higher Education Council Scholarship (Jordan Ministry of Education)

Employment History:

2005- Assistant Professor of Veterinary Virology, Jordan University of Science and Technology
1999-2001 Teaching assistant in Veterinary Surgery and Veterinary Immunology

Research interests:

- Molecular Characterization of Bovine Viral Diarrhoea Virus, FMDV, BTV in Jordan.
- The immunosuppression effect of IBDV on the pathogenesis of Newcastle disease virus using real-time reverse transcriptase polymerase chain reaction.
- Molecular Surveillance of Avian influenza in Jordan
- Molecular Characterization of local Avian Jordanian strains of IBV, IBDV, Chicken Anaemia Virus, ILTV and Newcastle Disease virus.
- Molecular Characterization of Human Papilloma virus and cervical cancer in Jordanian women.
- Effect of siRNA on the infectivity of H9N2.

Teaching Experience:

VM 791: Special Topics for master students: in this interactive course new developments in science are discussed such as stem cell research, siRNA technology, viral vaccine vectors and many other topics.

VM 789: Seminar Course for master students: this course provides instruction on the presentation of scientific seminars and evaluates student presentations.

VM 790: Practical Training for master students: teaching of molecular biology techniques such as RNA and DNA extraction, PCR primer design, PCR and RT-PCR and molecular cloning and expression of viral genes.

VM 754: Advanced Virology: in this interactive course we study the molecular virology of viral families and new techniques used for the diagnosis and characterization of viruses.

VM 342: Veterinary Virology course for undergraduate veterinary students: introductory course into different virus families, their molecular virology and their replication.

VM 399: Practical Training course for undergraduate students: in this 6 week course we teach students practical virology using Newcastle disease virus as a representative pathogen. We study the characterization of Newcastle disease virus, assessing viral pathogenicity in SPF eggs, calculation of the EID₅₀, and RT-PCR with RFLP for the Fusion gene.

Grants:

I have received Internal grants from the Deanship of Research, Jordan University of Science and Technology, worth OF 45,000 JD (JD=0.71 USD) to characterize local strains of Infectious Bursal Disease virus and for Avian influenza H5N1 surveillance in Jordan.

Professional service:

- 2005- Served on the Avian Influenza National Committee, Jordan Ministry of Agriculture
- 2006- Served as a member of the higher Committee for the surveillance of infectious animal viral diseases in Jordan.

Publications:

1. Al-Majali AM, Talafha AQ, **Ababneh MM**, Ababneh MM Seroprevalence and risk factors for bovine brucellosis in Jordan, J Vet Sci. 2009 Mar;10(1):61-5

2. Talafha AQ, Hirche SM, **Ababneh MM**, Al-Majali AM, Ababneh MM Prevalence and risk factors associated with bovine viral diarrhoea virus infection in dairy herds in Jordan. Trop Anim Health Prod. 2009 Apr;41(4):499-506
3. Samadi, A., **Ababneh, M. M. K.**, Giadinis, N. D., Lafi, S . Ovine and Caprine Brucellosis (Brucella melitensis) .CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 2010, 5, 042, 1-14
4. Assadullah Samadi,1 **M. MK. Ababneh**,1 N. D. Giadinis,2 and S. Q. Lafi1. Ovine and Caprine Brucellosis (Brucella melitensis) in Aborted Animals in Jordanian Sheep and Goat Flocks Veterinary Medicine International Volume 2010, Article ID 458695, 7 pages. *In press*
5. M. AH. Abu-Dalbouh, **M. MK. Ababneh**, S. Q. Lafi . Ovine and Caprine Toxoplasmosis (Toxoplasma gondii) in Aborted animals in Jordanian Sheep and Goat Flocks
6. M. AH. Abu-Dalbouh, **M. MK. Ababneh**, S. Q. Lafi. Ovine and Caprine Toxoplasmosis (Toxoplasma gondii) A-Review. *Submitted*
7. Najibullah Faizee, N.Q. Hailat, **M. MK. Ababneh**, W.M. Hananeh Molecular and Histopathological Diagnosis of Rabies Disease in Jordan. *Submitted*
8. Inhibition of H9N2 replication by the action of shRNA against Nucleocapsid and matrix genes. *Submitted*
9. Expression of VP2 protein of chicken anemia virus. *Submitted*
10. Foot and Mouth disease virus in Jordan, update and molecular identification. *In preparation*
11. Characterization of Blue tongue disease in Jordan, molecular and histopathological study. *In preparation*
12. Molecular characterization of Bovine viral diarrhoea and Bovine leukemia virus in Jordan. *In preparation*
13. Molecular and pathological characterization of new strain of infectious bronchitis Virus. *In preparation*