

Curriculum Vitae

Personal data

Name : Mohamed Mostafa Abd-Eldaim
Date of birth : 7,29,1968
Place of birth : Ismailia, Egypt
Marital status : married with three girls
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Building 2, Apt 8. Ismailia, Egypt

Educational qualification:

- 1- 2008: ACVM board examination; passed the virology specialty part.
- 2- 2000-2005: PhD, titled: "Genetic Analysis of Feline Calicivirus (FCV) Isolates Associated with a Hemorrhagic-like Disease", College of Veterinary Medicine, University of Tennessee, GPA 4.00.
- 3- 1999-2000: PhD student Department of Pathobiology, Kansas State University, GPA 4.00.
- 4- 1995-1999: PhD student, Department of Microbiology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.
- 5- 1992-1995: M.V.Sc. (virology), Titled: (Role of Migratory birds in the transmission of some viral diseases), Department of Microbiology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.
- 6- 1986-1992: B.V.Sc., (DVM equivalent) Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.

Professional experience:

- 2014, may- present: laboratory expert, Central veterinary laboratory, Animal resource department, Doha, Qatar.
- 2016 (Oct.) – present: professor Virology Department, College of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.
- 2013, May- October 2013: laboratory manager, Anaam international animal exporting company, Somalia (short term and temporary position).
- 2011-2016 (Oct.): present: assistant professor Virology Department, College of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.
- 2011 (Oct) - May 2013: associate dean, college of nursing, Suez Canal University, Ismailia, Egypt.
- 2011-2012: manager of the Suez Canal University website, www.scuegypt.edu.eg Suez Canal University, Ismailia, Egypt.
- 2009-2011: Lecturer, Virology Department, College of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.

- 2005-2009: Post-doctoral research associate, Virology Research and Diagnostic laboratory, Department of Comparative Medicine, College of Veterinary Medicine, University of Tennessee, Knoxville, TN, USA.
- 2004-2005: Post-doctoral research associate, Immunology Research laboratory, Department of Comparative Medicine, College of Veterinary Medicine, University of Tennessee, Knoxville, TN, USA.
- 1995-1999: Assistant Lecturer at Department of Microbiology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt. I was responsible for teaching Virology and Bacteriology Laboratory for 3rd year veterinary students.
- 1993-1995: teaching assistant in the Department of Microbiology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt. Responsibilities similar to those of Assistant Lecturer
- 1992-1993: Clinician attending beef cattle farm for Egyptian defense Department.
- 2005-2009: Guest lecturer, Veterinary virology and elective clinical immunology and pathogenesis of veterinary virology, College of Veterinary Medicine, University of Tennessee

Publication

- 1- Abd-Eldaim M, Potgieter L, and Kennedy MA (2005). **Genetic analysis of feline caliciviruses (FCV) associated with a hemorrhagic-like disease.** J. Vet Diagnostic Investigation, 17 (3): 17-26.
- 2- Kennedy MA, Abd-Eldaim MM, Zika S, Mankin J and Kania S (2008) **Detection of antibodies in cats specific for the 7b protein of feline coronavirus and application to diagnosis of feline infectious peritonitis.** *Am J Vet Res*; 69:1179–1182.
- 3- Elizabeth A. Coffman, Mohamed Abd-Eldaim, Linden E. Craig (2008). **Abortion in a horse following Neorickettsia risticii infection.** J Vet Diagn Invest, Vol. 20, (6):827-30.
- 4- Jeremiah A. Lyons, David A. Bemis, Mary Jean Bryant, Stephen A. Kania, Mohamed Abd-Eldaim, and Shelley J. Newman (2009). **Isolation of Propionibacterium acnes from a case of placentitis and abortion in a cow.** J Vet Diagn Invest, Vol. 21, Number 2, 274-7.
- 5- Mohamed Abd-Eldaim, Becky Wilkes, Kathy Thomas, and Melissa Kennedy (2009) **Development and validation of a TaqMan real-time reverse transcription-PCR for rapid detection of feline calicivirus.** Archives of Virology, Vol 154 (4), P 555-560.
- 6- Angela L. Lusby, Claudia A. Kirk, Stephen A. Kania, Mohammed Abd-Eldaim, Joseph W. Bartges (2009) **Validation of an ELISA assay for measuring serum adiponectin in domestic cats.** Suez Canal Veterinary Medicine Journal. Vol 14(1), June 2009

- 7- Nofs S, Abd-Eldaim MM, Thomas KV, Toplon D, Rouse D, Kennedy M. (2009) **Influenza A H1N1 isolated from giant anteaters (*Myrmecophaga tridactyla*).** Emerging and infectious diseases, Vol: 15 (7) P1081-1083.
- 8- Matthew Allender, Mohamed Abd-Eldaim, Andrew Kuhns, and Melissa Kennedy (2009) **Absence of Frog Virus 3 and Herpesvirus in a PCR Survey of Two Aquatic Turtle Species From a Threatened Habitat in Illinois.** Journal of Herpetological Medicine and Surgery, Vol 19 No 1 P 16-20.
- 9- Mohamed Abd-Eldaim, Melissa J. Beall, and Melissa A. Kennedy. **Detection of Feline Panleukopenia Virus Using a Commercial ELISA for Canine Parvovirus(2009).** Vet therap, Vol 10 No 4 Winter 2009, P E1-E6.
- 10- El-Shahidi MS, El-Tarabili MM, Metwally SM, Abdelwahab SA, Abd-Eldaim MM, and Ramzy N. **Molecular characterization of Newcastle disease virus , quail strain, using one-step RT-PCR (2009):** Suez Canal Veterinary Medicine Juornal. Vol 14(2), Dec., 2009
- 11- Eman A. Anis, Sarah O'Neill, Kim M Newkirk, DVM, Rupal Brahmabhatt, Mohamed Abd-Eldaim, Linda A. Frank, Stephen A. Kania. (2010) **Molecular characterization of the L1 gene of papillomaviruses in epithelial lesions of cats and comparative analysis with corresponding gene sequences of human and feline papillomaviruses .** *Am J Vet Res*; Vol 71, No. 12, P 1457-1461.
- 12- Abdel Samie MM, Mahmoud MM, Ghallley HM, Abd-Eldaim MM, Hassan SA, El-Hayeg MM and Salem MA (2010): **Clinical and Laboratory investigation in an outbreak of acute bovine viral diarrhea virus infection (BVDV) mixed with bovine herpesvirus 1 (BHV-1) in Salhea farm at Sharkia Province.** Suez Canal Veterinary Medicine Juornal. Vol 15 (1), 2010.
- 13- Matthew C. Allender, Mohamed Abd-Eldaim, Juergen Schumacher, David McRuer, Larry S. Christian, and Melissa Kennedy (2011): **PCR Prevalence of Ranavirus in Free-Ranging Eastern Box Turtles (*Terrapene carolina carolina*) at Rehabilitation Centers in Three Southeastern US States.** Journal of Wildlife Diseases, 47(3), 2011, pp. 759–764.
- 14- ElSayed EK, Abdelwahab SA, Abd-Eldaim MM, Khodeir MH, and El-Shahidy MS (2012): **Comparative studies on H5N1 and H5N2 avian influenza vaccine in chickens.** . Egyptian J. Virol. December2012 :9 (2) 409-421
- 15- Mandour MF, Abd-Eldaim MM, Abdelwahab SA, Abu El_Naga, HI, El-Shahidy MS Azabb AM and El_Tarabili MM (2012): **Rapid detection of foot and mouth disease virus from tongue epithelium of cattle and buffaloes in Suez Canal area, Egypt from 2009 to 2011.** Egyptian J. Virol. December2012 :9 (2) 395-408

- 16- Mandour MF, Abd-Eldaim MM, Abdelwahab SA, Abu El_Naga HI, El_Shahidy MS, Azabb AM and El_Tarabili MM (2013): **Molecular characterization of foot and mouth disease viruses collected from Suez Canal area, Egypt from 2009 to 2011.** Global Animal Science Journal (GASJ) 1(1): 1139-1153.
- 17- Maarof M, Abd-Eldaim MM, HI, El_Shahidy MS, Omar LM, Abdelwahab SA, Mandour MF, and El_Tarabili MM (2014): **Genetic detection of IB and other respiratory viral diseases in chicken flocks in Egypt.** Global Animal Science Journal (GASJ): 1(4):86-93, 2014
- 18- Zain El Abideen.M.A, selim A. A, Abd- Eldaim.M.M and El-Tarabili.M.M (2014): **Comparison between the efficacies of two commercially inactivated oil emulsion vaccine against H9N2 Egyptian field strain.** Animal Health Research journal volume 2 number 3 pp144-152
- 19- Soltan MA, Abd-Eldaim MM (2014): **Emergence of peste des petits ruminants virus lineage IV in Ismailia Province, Egypt.** Infect Genet Evol. 2014 Dec; 28:44-7.
- 20- El_Shahidy MS, El-Gamal RM, Dessouki AA, Thabet RY, Abdelwahab SA, and Abd-Eldaim MM (2015): **Detection of white spotted syndrome virus in cultured penaeid shrimp using histopathological observation and polymerase chain reaction.** Suez Canal Veterinary Medicine Journal. Vol 20 (1), 2015 pp213-226.
- 21- Ramzy NM, Abdelwahab SA, and Abd-Eldaim MM (2015): **Prevalence and molecular characterization of gumboro in chicken farms in Ismailia.** Assiut Veterinary Medical Journal. Volume. 61 no. 145 April 2015
- 22- Kane LP, Bunick D, Abd-Eldaim M, Dzhaman E, Allender MC (2016): Development and validation of quantitative PCR for detection of Terrapene herpesvirus 1 utilizing free-ranging eastern box turtles (*Terrapene carolina carolina*). J. Virol Methods. 2016 Jun; 232:57-61.

Presentations

- 1- The Conference of Research Workers in Animal Diseases (CRWAD), Chicago, USA, Nov. 2003.
- 2- The Conference of Research Workers in Animal Diseases (CRWAD), Chicago, USA, Nov. 2004.

- 3- Conference of Research Workers in Animal Diseases (CRWAD), St Louis, USA, Dec. 2005.
- 4- Conference of Research Workers in Animal Diseases (CRWAD), Chicago, USA, Dec., Chicago, USA, Dec. 2008.
- 5- 6th International Scientific Conference of the Faculty of Veterinary Medicine, Suez Canal University under the theme “Veterinary Medicine & Confrontation of new Epidemics” Ismailia, Egypt, 19-21th October 2010.
- 6- 3rd international conference of Egyptian Society of Virology held at Cairo University, conference center, Cairo, Egypt, November 24-25th 2010.
- 7- Young Researchers Conference, 6-7 March 2013, Suez Canal University, Ismailia, Egypt.
- 8- Fourth international scientific conference of the faculty of nursing " Health Care and Safety of Patients with Chronic Illness", Suez Canal University, Ismailia, Egypt, 12-13-May 2013.
- 9- First scientific FMD forum in Middle East; 12-13 April 2014, organized by the Egyptian Veterinary Association of epidemiology and ME VAC vaccine company, Cairo, Egypt
- 10- Course titled “Shippers of dangerous goods (specialization on infectious substances – division 6.2- excluding GMO’s.” 2nd-4th of December 2014, Doha, Qatar.
- 11- Seminar on “PPR and FMD Diseases”: 18th of May, 2015 Dubai, United Arab Emirates organized by Lillidale Diagnostics
- 12- Regional Workshop on MERS-CoV and ‘One Health’ organized by Animal resource department (Ministry of environment, Supreme council of health, Qatar), OIE (World organization of animal health), WHO (world health organization) and FAO (food and agriculture organization of the united nation): 27–29 April 2015, Doha, Qatar
- 13- Symposium on Event-Based Surveillance and International Health Regulation (IHR) , Doha, Qatar, 14 May 2015
- 14- **Group on the Evaluation of Foot and Mouth Disease Status and PPR of Middle East Countries** 01-03 December 2015, Doha Qatar, OIE
- 15- Public Health Response in the Era of Emerging and Re-emerging Infections, 15th January 2016, Supreme council of Health, Doha Qatar.
- 16- International conference in Emergency Medicine and Public health, (ICEP-Q2016), 16-18 January 2016, Supreme council of Health and Hamad Medical corporation, Doha, Qatar.

Workshops

- 1- June-July 2005: Foreign animals and emerging disease course (FAED), Knoxville, Tennessee, USA with the USDA.
- 2- May 2007: Foreign animals and emerging disease course, Knoxville, Tennessee, USA.
- 3- August 2009: Foreign animals and emerging disease course, Knoxville, Tennessee, USA.

4- April 2010: Advanced Research Workshop: *Advances in Food Security and Safety against Terrorist Threats and Natural Disasters*. Cairo, Egypt April 13-15.

5- DAAD workshop for “ **Proposal Writing Workshop**” on June 6th 2010 at Suez Canal University, Ismailia.

5- certificate of training of trainee (TOT) from National Center for Faculty and leadership Development (NCFLD), 1st-5th July 2012 held at Suez Canal university, Ismailia, Egypt

6- Training course titled Shippers of dangerous goods (Specialization on infectious substances- division 6.2- excluding GMO's. 2nd-4th of December 2014. Held at Suprem council of health, Doh, Qatar.

Funding opportunities

1-USDA formula 1433 funds, Co-investigator, 2002-2003; Vaccine failure in ruminant RSV infection is due to variation of the amino acid sequence of the immuno-domanant domain of the attachment glycoprotein G 2002-2005.

2- The Wenn feline foundation 2003-2004: Genetic characterization of feline calicivirus associated with fatal hemorrhagic disease. \$14,250

3- San Francisco Foundation Miller Trust/The Wenn feline foundation 2007-2008: Screening for Antibodies to the 7b Protein of Feline Coronavirus in Cats for Detection of Persistent Infection. \$14,750

4- Prevalence of Iridovirus in the Eastern Box Turtle (*Terrapene carolina carolina*), Companion Animal Fund, department of small animal clinical sciences, College of Veterinary Medicine, University of Tennessee, 2007-2008

5- A Pilot Study Investigating Prevalence of Herpesvirus and *Mycoplasma* in the Eastern Box Turtle (*Terrapene carolina carolina*) in Eastern Tennessee, 2008

6- IDEXX diagnostics, 2008: Testing of canine fecal samples for the presence of parvovirus, and genetic characterization of the isolates.

7- STDF, Egypt 2010-2012; 5,000,000 Egyptian pounds. Capacity building grant for the biotechnology laboratory, Suez Canal University.

8- 2010-2011; Establishment of molecular diagnostic laboratory, central laboratory, College of veterinary medicine, Suez Canal University, Ismailia, Egypt, 400,000 Egyptian pound.

9- 2012-2016; STDF capacity building grant for establishment of molecular virology modern virology laboratory, 1,902,000 Egyptian pounds.

2013-2015; STDF special call “Control of viral diseases in fish and Crustaceans” 2 million Egyptian pounds (\$400,000 for 2 years)

Awards:

1. The national prize in science 2011, 50,000 Egyptian pounds.
2. August 2008: Special recognition for extraordinary contribution: the University of Tennessee, College of Veterinary Medicine recognizes Dr Mohamed Abd-Eldaim for his unselfish contributions to the college, commitment to student learning and dedication to diagnostic and research excellence.
3. Phi Chapter of Phi Zeta, Certificate of Excellence for Outstanding Scholarly Achievement in Scientific Manuscript Competition, 2005/06.
4. Research assistant scholarship provided by comparative Medicine Department, College of Veterinary Medicine, University of Tennessee, toward completion the Ph.D. degree (2003- 2005).
5. Graduate student travel award, University of Tennessee, 2004.
6. Educational scholarship provided by the Egyptian Government to complete the Ph.D. degree in the United State (1998-April 2003).
7. Teaching assistantship provided by Department of Microbiology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt (1995-1999).
8. Educational scholarship provided by Department of Microbiology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt (1992); to complete a master degree

Teaching commitment

- 1- 1993-1999; Veterinary virology laboratory: for the third year veterinary student, College of Veterinary Medicine, Suez Canal University, Ismailia, Egypt
- 2- 1993-1999; Veterinary Bacteriology laboratory: for the third year veterinary student, College of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.
- 3- 2005-2006; Guest lecturer, Veterinary virology and elective clinical immunology, College of Veterinary Medicine, University of Tennessee.
- 4- 2008; Diagnosis and pathogenesis of virus diseases of domestic animals, CEM 607; graduate program in comparative and experimental medicine, university of Tennessee.
- 5- 2006-2008; Emerging infectious disease journal club CEM 611; graduate program in comparative and experimental medicine, university of Tennessee.
- 6- 2008-2009; Veterinary Medicine 867, Clinical Microbiology laboratory elective, College of Veterinary Medicine university of Tennessee.
- 7- 2009-now; Teaching general virology course and special virology course for the 3rd year veterinary student and postgraduate courses, Virology Department College of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.
- 8- Seven challenges of cooperative communication course, August 2007, College of Veterinary Medicine, University of Tennessee, Knoxville, Tennessee, USA

Society Memberships:

- 1) Phi Zeta Honor Society of Veterinary Medicine, University of Tennessee, 2005
- 2) The Honor Society of Phi Kappa Phi, 2005
- 3) Egyptian Society of Virology 2010

Scientific Journal contributions

A) Reviewer for the following journals

- 1- Journal of veterinary diagnostic investigation
- 2- American journal of veterinary research.
- 3- Journal of the American Veterinary Medical Association
- 4- Archive of virology

B) Editorial board: Suez Canal Veterinary Medicine Journal: 2009-now.

Courses

Kansas State University

Title	Hours	Grade
Biochemistry 1	3	A
Molecular Biology	3	A
Biochemistry 2	3	A
General virology	3	A
Veterinary virology	3	A

University of Tennessee

Title	Hours	Grade
Descriptive and applied Epidemiology	2	A
Molecular diagnosis of viral diseases	3	A
Advanced topics in applied veterinary Epidemiology	1	A
Diagnostic and Pathogenesis of virus diseases of domestic animals	3	A
Mechanism of diseases	4	A
DNA technology of viral disease diagnosis	1	A
Advanced topic in veterinary immunology	3	A
Journal club (Emerging and infectious diseases)	1	A

Contact information of the references

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