

Curriculum Vitae

Name Ashraf Mohamed Abbas
Sex Male
Marital status Married
Nationality Egyptian
Date & birth place December, 5th 1962- Cairo, Egypt.
Current address Abu Dhabi - UAE
Contact Mobile No.:- +971503672140
+971556059281
00201023005332
E mail : ashraf_vir@hotmail.co.uk
Ashrafabbas1962@yahoo.com



Education and Qualifications:

1-B.Sc. degree (May 1985) Faculty of veterinary medicine, Cairo University, Egypt.
2-M.V.Sc. degree in virology field (June 1992) – Cairo University – *Thesis title*
"Optimization culture conditions to produce high titered PPR virus suspension."

3- Ph. D. degree in molecular biology field (January 1996)

Thesis title "Cloning and sequence analysis of the matrix (M) protein of peste des petites ruminants and its relationship with other morbilliviruses". The practical part of the thesis was done in International laboratory of molecular biology, university of California Davis, USA

4- Assistant professor

In molecular biology field (June 2001)

5- Professor degree

- In molecular biology field (July 2006)

Professional experiences:

Up till now

Veterinary Serum and Vaccine Research Institute (VSVRI), Cairo, Egypt:

Head of department of molecular biology

October 2003 to September 2011:

Ministry of Environment and Water, UAE, in the following positions:

- Head of Veterinary laboratory in Sharjah, Ministry of agriculture and fisheries, UAE (2005-2007).
- Animal Wealth department, Ministry of Environment and Water
- As a participant in Equines higher technical committee in UAE.
- A member of Federal vet licensing committee, emergency outbreaks team, and A member in Federal registration of vaccines committee in UAE.
- Technical in charge of Ministry's Veterinary Laboratory in Ajeer Port - RAK, MOEW, UAE. Routine testing of Imported animals (mainly FMD, Brucellosis, Bluetongue, RVF, PPR, CBPP and CCPP)

- Contributing to the preparation of global eradication program of Rinderpest disease by 2010 in United Arab Emirates (UAE) (April 2004)
- Established Molecular biology unit including both conventional and Real time PCR systems for diagnosis of avian and ruminant disease.
- Assist in preparation of the annual vaccination programme against infectious disease (FMD – PPR- Clostridial diseases- pasteurellosis – pox diseases – pasteurellosis).
- Application of the prescribed tests recommended by OIE for international trade in *Ras- ELdara, moew vet.lab., UAE* (166,503 serum samples) for FMDV, brucella, PPRV, and RVFV

Veterinary Serum and Vaccine Research Institute (VSVRI), Cairo, Egypt:
June 2002-September 2003:

- As a participant in molecular biology project in Egypt (Recombinant vaccine for Gambaro disease).
- As a lecturer in molecular biology courses in molecular biology department, VSVRI, Egypt.

August 1999 - May 2002

Central Diagnostic Veterinary Laboratory in Riyadh, Ministry of Agriculture, KSA.

- Routine diagnosis of viruses samples and Serological surveys of RP and PPR, Avian influenza and African horse sickness in KSA
- FMDV Lab: Using serotyping typing Elisa of IAH (Pirbright) Institute for both antigenic and antibody detection of all FMDV serotypes in addition to FMDV NSP Elisa as a DIVA Test.
- As a team work with group of IVO - South Africa Researchers for RVF surveillance in KSA (15,000 serum samples for epidemiology, and evaluation of RVF vaccine in Gazan, KSA after the 2001 outbreak).

1988 - July 1999

Veterinary Serum and Vaccine Research Institute (VSVRI), Cairo, Egypt:

- RPV production, quality control, and serology in veterinary serum and vaccine research institute (VSVRI), Cairo, Egypt (1988- 1989).

Computers and Language skills

1- Attended three English courses (intermediate and two advanced courses) At American University of Cairo (1993 – 1992).

2-Successfully passed "International TOEFL with 517 degree and Institutional TOEFL 537 degree (1993).

3-Attended a one month course in Data Base IV elementary at American University of Cairo (May – April 1995).

4-Attended a training course in Windows 3.1, Windows 95, and Excel 95 computer programs (January – February 1996) in CEMARP – Canada.

Courses, Seminars, and workshops

I attended an uncountable number of seminars, courses and workshops, few example include:

- Attended 11 months training program of Molecular Biology specially in the virology field University of California (UC) Davis, USA (April 1993-March 1994).
- Successfully completed a course on "PCR technique" at College of Agricultural and environmental Science, UC Davis, USA (December 13th – 15th 1993).
- Attended a "DNA manipulation course" at UC Davis, USA (December 13th – 17th 1993).
- A training course "Preparation of monoclonal antibodies" in VSVRI (1995).
- Joined with Dr. David Paton Director of World Reference OIE / FAO laboratories for FMD viruses to established a report on the situation of FMDV on UAE and the control strategies of the diseases (October 2003).
- As a lecturer in ELISA training course in UAE in corporation with Arab organization for Agriculture development (24th – 27th January 2004).
- Attended the International OIE conference on the control of infectious animal diseases by vaccination at Buenos Aires (Argentina) (13 – 16 April 2004)
- Participated at UAE workshop in the diagnosis of Rinderpest and PPR, use and its ELISA management and Interpretation by Dr. R. Geiger, head of Animal production and Health section, Joint FAO/IAEA division (7-11th September 2004).
- Attended "The National poultry improvement plan Avian Influenza diagnostic workshop" in Athens, Georgia, USA (November 15th -17th, 2005).
- Attended workshop "Rift Valley Fever control and preventive strategies" organized by OIE, FAO, and the Ministry of Agriculture of Egypt, In Cairo (June 13th -15th 2007).
- Attended "Rinderpest Regional meeting on official freedom recognition for the Middle Eastern countries OIE-FAO RACH for the middle East", Amman, Jordan (February 26th -28th 2008).
- **Publications**
 - 1-Differentiation between equine herpes – 1 and 4 by polymerase chain Reaction in Egypt (2005).
 - *Seham, A. Elzeedy, Magda, Anis, El-Kabbany, M. and Abbas, A.M.*
 - 2- Retrospective study of Rift valley fever in Saudi Arabia (2003).
 - *Al - Afaleq, A.I., Abu-Elzein, E.M.E., Mousa ,S.M., and Abbas, A.M.*
 - Rev. Sci .tech. off. inter. Epiz. (2003), 22(3) :867 – 871.
 - 3-Modification of ELISA technique to increase its specificity and sensitivity for the detection of anti – Rift valley fever IgG antibodies (2003). *Abbas, A.M. and Hassan, K.E.Z.*
 - veterinary medical association Journal, 63, No.5 : 437– 450, (2003).
 - 4- Detection of Foot and mouth disease by reverse transcription polymerase chain reaction and virus isolation in contact goat without clinical sign of the foot and mouth disease (2003).
 - *Abbas, A.M. and Halima Mohamed*

- Journal of veterinary medical association, 63, no.6 : 21–30, (2003).
- 5- Application of Sero-diagnosis tests for differentiation between Infected and vaccinated animals with foot and mouth disease using bioengineered non-structural proteins in the kingdom of Saudi Arabia (2002). *Abbas, A.M., Nagi, G.M., and Mujalli, D.M.*
- Journal of veterinary medical association, 62, no.6B : 29–42, (2002).
- 6- Isolation and identification of foot and mouth disease (FMDV) serotype SAT2 from kingdom of Saudi Arabia for the first time during 2000 outbreak (2002).
- *Abbas, A.M., Okaley, M.A., Bayoumi, F. T., , and Ghobashy, H.M., and El-Khamees, M.H.* Journal of veterinary medical association, 62, no.6B : 283 – 292, (2002). 7

- 7- Preliminary study of Sero – surveillance of Peste des petits ruminants (PPR) antibodies in goats and sheep in kingdom of Saudi Arabia (2001).
- *Abel Bakey, M. H., Abbas, A.M., and Mujalli, D.M.*
 - Assiut veterinary medical journal, vol.46, No.91, October (2001).
- 8- The use of Random amplified polymorphic DNA (RAPD) markers for discrimination and verification among *Pasteurella multocida* vaccinal strains(2000)
- *Abbas, A.M., Hala, A.Fadi, Ibrahim, I.S., and Gergis, S.M.*
 - Journal of veterinary medical association, 60, No.6: 165 – 175.
- 9- Simultaneous infection with Rabbit hemorrhagic disease virus and Rabbit Pasteurellosis in rabbit farms in Egypt.
- *Ibrahim, I.S., Abbas, A.M., El-Kholy, A.A., Safia, T. Kandil., and Hussein, A.Z. (1999):*
 - Alex., J. Vet., Sci., Vol. 15 No.3 october 1999 : 568 – 578.
- 10 - Detection of *Theileria annulata* in carrier cattle in Egypt by Polymerase Chain Reaction (PCR) 1998:
- *Seham, A. Elzeedy, Amany Farah, and Abbas, A.M.*
 - Assiut, Vet. Med., J. Vol. 38, No.76, January 1998.
- 11- Detection of Rinderpest virus by polymerase chain Reaction (PCR) and Southern blot hybridization (1998).
- *Saber, M.S. and Abbas, A.M.*
 - Veterinary Medical Journal, Giza, vol.46, No.2, (1998): 125 – 132.
- 12- Characterization of *Theileria annulata* isolates in Egypt by Random amplified polymorphic DNA (RAPD) markers (1998).
- *Gamal El-Din, H.Y. and Abbas, A.M.*
 - Journal of veterinary medical association, 58, No.4: 629 – 644
 -
- 13- Preliminary study for preparation of Rabbit Pasteurellosis and Rabbit hemorrhagic disease virus combined vaccine (1998) :
- *Daoud, A.M., Khodier, M.H., Abbas, A.M., Ibrahim, S.I., and Gergis, S.M.*
 - Fourth Scientific Veterinary Medical conference, 26-28 August (1998): 191- 198. 8

- 14- Preparation of specific inactivated vaccine against Rabbit hemorrhagic disease virus (1998):
- *Daoud, A.M., Khodier, M.H., Abbas, A.M., Ibrahim, S.I.*
- Fourth Scientific Veterinary Medical conference, 26-28 August (1998) : 230- 235.
- 15- Antigenic variation of Foot & mouth disease virus of the last three isolates in Egypt (1997) :
- *Saber, M.S., Samira El-Kilany, Abd-El-bary, H.K., Fawazy, H.G., and Abbas, A.M.*
- Veterinary Medical Journal, Giza, vol.45, No.2 (1997) :165 - 186.
- 16- Detection of tuberculosis in slaughtered animals by PCR (1996):
- *Dimitri, R.A., Hussein, D.G., Mikhail, D.G., and Abbas, A.M.*
- Journal of veterinary medical association, 56, No.4 : 501 -515.
- 17- Detection of PPR virus in VERO cells using fluorescent antibody technique (1994) :
- *Osman, O.A., Saber, M.S., El-Senousy, A.A., Abbas, A.M. ,Mouaz, M.A., Hussein, A.H., and Khodier, M.H.*
- Zag.Vet.J., Vol.22, No.3(1994) :111 – 119.
- 18 – Comparative studies on growth behavior of Peste des petits ruminants (PPR) virus in different cell culture (1994) :
- *Mouaz, M.A., Hussein, Osman, O.A., Saber, M.S., Khodier, M.H., Abbas, A.M., and Hussein, A.H.*
- Journal of veterinary medical association, vol.54, No.4 : 341 -348.
-
- Supervision of Ph D thesis
- Characterization of Pasteurella microorganisms isolated from rabbits by using random amplified polymorphic DNA (RAPD) markers (2004) by. *El-Sayed Al-Said Masoud Hussein*
- A thesis submitted to Zagazig University for the degree of Doctor of philosophy of veterinary medical science. Department of Bacteriology, Mycology, and Immunity.