

Curriculum vitae:

Name: Yasser Gamil Mahmoud Abd El-Hafeiz.
Birth date: March fifth, 1968, Cairo, Egypt.
Marital status: Married.
Nationality: Egyptian.
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Employment History: Animal Reproduction Research Institute, Viral Diseases
Research Unit since 1992
Work address: Animal Reproduction Research Institute,
5 Hadaek El-Ahram Street, Giza, Egypt,
P.O.B. 12556 Al-Ahram.
General Subject: Veterinary Medicine.
Special Subject: Virology.
Current position: Prof. and Head of Viral Diseases Research Unit, Animal
Reproduction Research Institute.
Society's membership: Egyptian Society of Veterinary Medical Association.

Certificates:

- ❖ **Ph.D. (Virology), 2002**, Faculty of Veterinary Medicine, Cairo University. Titled
“Bovine viral diarrhea virus (BVDV): Molecular-based diagnostic approach and
isolation of cytopathic and non cytopathic strains genotype 11 from cow milk.”

- ❖ **M.V.Sc. (Virolog), 1997**, Faculty of Veterinary Medicine, Cairo University. Titled “Trial to use molecular biology technique for genotyping the Egyptian strains of BVD viruses.”
- ❖ **Bachelor of Vet. Med., 1992**, Faculty of Veterinary Medicine, Cairo University.

Qualification:

- ❖ I have a good experience on the diagnostic techniques used for viral identification as causes of diseases. eg. enzyme linked immunosorbant assay (ELISA), immunofluoresence antibody (IFA), virus neutralization (VN), agar gel immunodiffusion (AGID), polymerase chain reaction (PCR) and RT-PCR techniques.
- ❖ I have approved certificate on International Computer Driving License (**ICDL**) since Sep. 2008. Skill card No. EGY 000225121.
- ❖ Supervision on two M.V.Sc. postgraduate students, studies on both bovine viral diarrhea virus and bovine herpesvirus-1. “Epidemiological studies on secretion of bovine viral diarrhea virus in bovine milk” and “isolation and characterization of bovine herpesvirus-1 (BoHV-1) from feedlot cattle in 2010”.
- ❖ Supervision on Ph.D. postgraduate student “Molecular diagnosis of infection by BoHV-1 isolated from cattle and buffaloes”. 2015
- ❖ Shared as assistant in “study the effect of phytochemical compound as anti-BHV-1 *in vitro* and *in vivo*”. A thesis presented by Sherin Ragab for the M.V.Sc. Degree.
- ❖ Shared as trainer in:
 - The workshop “Diagnosis of microbiological causes of reproductive diseases in farm animals) from 4-8/10/2016 in Minaa Abdalla Vet. Hospital, Kuwait, in coordination with Animal Reproduction Research Institute, ARC.
 - The workshop “Use of Molecular Biology Techniques in Diagnosis of Infectious Diseases.” from 4-15/6/2005, in Animal Reproduction

Research Institute, Bio technology Research Unit, in coordination with “FAO” and Egyptian Society of Veterinary Medical Association.

- All workshops in the Reproductive Diseases Research Department “Diagnosis of Viral Infection Causing Reproduction Disorders”.
- Two workshops in viral diseases research unit, ARRI, “uses the ELISA technique in diagnosis the viral infection” 2015
“Laboratory diagnosis the viral infection in ruminant” 2016.
- Workshops in Bio-Immunology and Pharmacological Immunity Unit.
“Immune Response against Viral Infections and production of sub-unit vaccines and diagnostic agents”
- Workshops “Use of Molecular Biology Techniques in Diagnosis of Viral and Bacterial Diseases and Genotyping the Different Isolates” in Biotechnology Research Unit.

❖ Shared as trainee in:

- The training course on using of molecular biology techniques in diagnosis of reproductive diseases from Dec., 1992 to Jan., 1993 in Animal Reproduction Research Institute in coordination with Iowa State University, USA and NARP project.
- The training course on using of molecular biology techniques in diagnosis of Brucellosis from July, 1994 to August 1994 in Animal Reproduction Research Institute in coordination with Iowa State University, USA and NARP project.
- The training course on genetic engineering, general virology, special virology and infectious disease of cattle, sheep and buffaloes Faculty of Veterinary Medicine, Cairo University.
- The training course on PC programs in Agriculture Research Center and Canadian project “SIMARP”.

Working experience and professional activities:

* From 1993 to present, dealing with diagnosis the viral infection associated with the imported frozen semen strews.

* From 1993 to present, dealing with diagnosis the viral infection associated with abortions and other reproductive and respiratory diseases in farm animals.

* Titration the immune status of vaccinated and infected animals against bovine viral diarrhoea virus (BVDV) and bovine herpesvirus-1 virus (BHV-1).

List of publications:

- 1- Abd El-Hafeiz, Y.G.M.; Hussein, H.A., Amin, A.S. and Reda, I.M. (2003):** Current status of BVDV in Egypt: Isolation, antigenic and genetic characterization of cytopathic and non cytopathic strains of genotype 11 from milk. 7th Sci. Cong., Egyptian Society for cattle diseases, 7-9 Dec. Assiut Univ. Egypt.
- 2-Abd El-Hafeiz, Y.G.M. (2004):** Isolation and identification of bovine viral diarrhoea virus in semen samples. Assiut Vet. Med. J. 50 (103): 188-198.
- 3-Abd El-Hafeiz, Y.G.M.; Badr, M.R. and Essmail, M.E. (2005):** Influence of bovine viral diarrhoea virus infection on in vitro buffalo embryos production and histopathological findings in their ovaries. Assiut Vet. Med. J. 51 (104): 243-261.
- 4-Abd El-Hafeiz, Y.G.M. (2005):** Genotyping the Egyptian isolates of bovine viral diarrhoea virus from milk using restriction endonuclease enzyme-Pst1. Assiut Vet. Med. J. 51 (105): 336-345.
- 5-Abd El-Hafeiz, Y.G.M. (2005):** Effect of colchicine on bovine herpesvirus-1 replication in vitro. J. Egypt. Vet. Med. Assoc. 65 (4): 221-228.
- 6- Mervat, I.I. Abd-El Moniem, Abd El-Hafeiz, Y.G.M. and Hussein, H.A. (2006):** Immunological diagnosis of BHV-1 in ruminant. Egypt. J. Comp. Path. and Clinic. Path. 19 (2): 17-26.

- 7- Abd El-Hafeiz, Y.G.M. and Amin, A.S. (2006):** Use of RT-PCR in detection of bovine viral diarrhea virus in pooled milk samples. *J. Egypt. Vet. Med. Assoc.* 66 (2): 209-216.
- 8-Abd El-Hafeiz, Y.G.M.; Mervat, I.I. Abd-El Moniem and Reham, M. Raafat (2007):** Immunological and biochemical diagnosis of naturally infected cattle with lumpy skin disease. *Egypt. J. Comp. Path. and Clinic. Path.* 20 (1): 284-293.
- 9- Ramadan, A.A.; Umima M. Mansour, and Abd El-Hafeiz, Y.G.M. (2007):** Role of selective antioxidants and anti-inflammatory drug in preventing udder cell damage in vitro. *Assiut Vet. Med. J.* 53 (114): 133-154.
- 10-Abd El-Hafeiz, Y.G.M. and M.H. Yassin, (2009):** Protections of Cell Culture from Mycoplasma Contamination by an Antibiotic Mixture with Emphasis on Assessment of the Effective and Safe Doses. *Global Veterinaria*, 3 (4): 286-291.
- 11-Abd El-Hafeiz, Y.G.M., S.M. Abd El Hafez and H.M. Hassan, (2009):** Molecular Characterization of the Isolated Strains of Bovine Viral Diarrhea Virus. *Global Veterinaria*, 3 (5): 383-389.
- 12-Abd El-Hafeiz, Y.G.M., Abeer, M. Anwar, and Hassan, H.M. (2009):** Effect of bovine viral diarrhea virus infection on DNA integrity and Interferon-Gamma (IFN- γ) release in buffalo macrophage. *Assiut Vet. Med. J.* 55 (121): 314-323.
- 13-Abd El-Hafeiz, Y.G.M.; Abou Gazia, K.A.A. and Ibrahim, I.G.A. (2010):** Seroprevalence of bovine herpesvirus-1 and bovine viral diarrhea virus infection in Egypt and their relation to brucellosis. *Global Veterinaria*, 4 (1): 1-5.
- 14-Abd El-Hafeiz, Y.G.M.; Metias, K.N. and Ibrahim, I.G.A. (2010).** Comparative serological diagnoses of bovine leukemia virus (BLV) in cattle sera. *Global Veterinaria*, 4 (3): 267-270.
- 15-Abd El-Hafeiz, Y.G.M, Amal, M. Abu Maaty, Samah F. Darwish, (2010).** Isolation of equine herpesvirus-1 (EHV-1) as a cause of reproductive disorders with emphasis of antigenic and genetic identifications. *International Journal of Microbiological Research*, 1(1): 26-32, 2010.

- 16-Abd El-Hafeiz, Y.G.M,** Badr, M.R., Azab, A.S. (2011). Immunohistochemical detection of anti-BVDV in follicular fluid of she camel with respect the effect of infection on in vitro embryos production and pathological structure of the ovary. *International Journal of Microbiological Research*, 2 (1): 61-68.
- 17-Abd El-Hafeiz, Y.G.M.,** El-Sherif, A.M. and Metias, K.N. (2011). Epidemiological aspect of bovine viral diarrhea-2 virus infection in dairy cattle. *Assiut Vet. Med. J.* 57 (130): 212-222.
- 18- Rania S. Abd El-Fattah, Abd El Hafeiz, Y.G.M.,** R.A. Azzam, Samia A. Ahmed, A.M. El-Sherif (2015). Distribution of BoHV-1 infection among cattle and buffaloes in different governorates in Egypt. *J. Egypt. Vet. Med. Assoc.* 75 (2): 295-304.
- 19- Rania S. Abd El-Fattah, Abd El Hafeiz, Y.G.M.,** R.A. Azzam, Samia A. Ahmed, A.M. El-Sherif (2015). Molecular characterization of BoHV-1 isolated from cattle and buffaloes in different governorates in Egypt. *J. Egypt. Vet. Med. Assoc.* 75 (2): 305-318.
- 20- Desouky, H.M., Ghazi, Y.A., Madboli, A.A., Abd El-Hafeiz, Y.G.M.,** Soror, A.H. and Fawzia, Y. Shata. (2015). Diagnosis of Acute Infection with Bovine Viral Diarrhea Virus in Dairy Cattle by Using Indirect ELISA and Immunohistochemistry Technique on Skin Biopsy Samples. *Global Veterinaria*, 15 (5): 512-517.