

# Curriculum vitae

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**Senior researcher**

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## General

- Date of birth: 12/8/1965
- Place of birth: Cairo – Egypt
- Nationality: Egyptian.
- General position: Senior Researcher at Animal Health Research Institute. Agriculture Research Center. Dokky – Giza – Egypt.

## Education:

- Ph.D. Veterinary medicine since (Hygiene and control of meat, fish, their products and animal by- products) faculty of veterinary medicine Ben-Suef Cairo University 2000.
- M. Sc Veterinary medicine since (Hygiene and control of meat, fish, their products and animal by- products) faculty of veterinary medicine Cairo University 1994.
- B. Sc Veterinary medicine since faculty of veterinary medicine Cairo University 1987.

## Training Courses

- FAO/IAEA Regional Training Course on the use of immunoassay and DNA Probe Methods for Animal Disease Diagnosis and Control 6 to 24 September, 1993, Accra, Ghana.

حضور دورة تدريبية بمعهد بحوث صحة الحيوان

في مجال "تطبيق نظام الجودة في المعامل" بتاريخ 2009/2/26-15

حضور دورة تدريبية بنقابة التجارئين بالجيزة في مجال

"TOEFL" بتاريخ 2009/10/15-8/15

حضور دورة تدريبية في بوزارة الاتصالات وتكنولوجيا المعلومات

في مجال "ICDL" بتاريخ 2009/12/5

حضور دورة تدريبية بشركة أجيانت تكنولوجي في مجال "

التطبيقات الحديثة المتقدمة في استخدام الميكروأراي " بتاريخ 2010/2/18

حضور دورة تدريبية بمعهد بحوث صحة الحيوان في مجال "تأثير

التغيرات المناخية على إنتاجية وصحة الحيوان" بتاريخ 2011/6/2-5/29

- حضور دورة تدريبية بمعهد بحوث صحة الحيوان فى مجال "كيفية استخدام الحاسب الالى فى نظام تشغيل Power Point " بتاريخ 2011/11/24-20
- حضور دورة تدريبية بمعهد بحوث صحة الحيوان فى مجال "كيفية استخدام الحاسب الالى فى نظام تشغيل Excel " بتاريخ 2011/12/22-18
- حضور دورة تدريبية بمعهد بحوث صحة الحيوان فى مجال "تطبيقات على استخدام علم النانوتكنولوجيا فى المجال الطبيعى " بتاريخ 2012/3/8-4
- حضور دورة تدريبية بمعهد بيربريت - انجلترا فى مجال "التشخيص والتحكم فى مرض طاعون المجترات الصغيرة " بتاريخ 2012/9/19-17
- حضور دورة تدريبية بمركز البحوث الزراعية فى مجال " كتابة المشروعات وإدارتها " بتاريخ 2013/10/31-21

### **Research interests and working experience**

- Serosurveillance of viral diseases in Egypt using serological methods as competitive ELISA (Particularly, for Rinder Pest virus, IBRV, etc.)
- Molecular biology, developmental biology, immunology, virology and molecular biology of viruses (particularly primary and cell line culture, immunological diagnosis of animal viral diseases, viral DNA/RNA preparations and analysis PCR Southern and Northern blots. Western blot, electrophoresis. ELISA, FAT, etc.
- Preparation of viral antigens, antiserum and diagnostic reagents of ELISA.
- Molecular epidemiology of animal's viruses.

### **Training**

- Participate in training of veterinarians on application of ELISA technique in diagnosis of animal's viral diseases.
- Participate in training Arab veterinarians on diagnosis of animal viral diseases (Yemen, Saudi Arab and Syria)
- Participate in training of ASSIO- AFRICAN veterinary group on application of ELISA technique in diagnosis of animal's viral diseases.

Conference of Virology, Organized by Egyptian Society of Virology, 5-6 April, 2008, Cairo, Egypt

- Nahed K. A.; Hasanin S.A.; A.H. Habishi.; Eman M. B and. Mervat, M. Mahmoud. Reemergence of Peste des petites Ruminants disease among sheep and goat as a field problem in some Egyptian Governorates . Egypt . J. of Appl. Sci., 26 (10) 2010 .
- Preparation of latex agglutination reagents for rapid detection of viral antigen of bovine viral diarrhoea in field samples (2013):. Hassanein S.A. ; Mervat, M.M.\* ;Nahed K. A.\* and Wafaa,A.E\*. Proceeding of the first conference. Research and the future vision for livestock Development.
- Preparation of lumpy skin disease virus antigen as a diagnostic tool for detection of antibodies in cattle (2013): Hassanein S.A. ; Mervat, M.M.\* ;Nahed K. A.\* and Wafaa,A.E and Eman M. Baheeg. Animal Health Research Journal, V01.1 No2.
- Nahed K.A and Dalia K. (2013):"A Study on the role of bovine viral diarrhoea virus (BVDV) and *C. perfringens* as causative agents of cattle diarrhoea in Giza Governorate".. Animal Health Research Journal, V01.1 No2.
- Nahed K. A.\* and Wafaa,A.E and Eman M. Baheeg and Hanaa A.K. (2012):"Field studies of bovine viral diarrhoea virus (BVDV) in El -Sharkia and El- Kalubia Governorates". Animal Health Research Journal, V01.1 No2, 428-436
- Nahed K.A, " Eman M. Baheeg.; Lamiaa A. A. and Momtaz A. Shahin (2011): Seroepizootological diagnosis of foot and mouth disease (FMD) among cattle and buffalo". Egypt . J. of Appl. Sci., 26 (2) , 77-92.

## Publication

- Mervat, M. Mahmoud, Ahmed, S.A., Nahed K.A. and Mohamed, A.Mahmoud Characterization of recent isolates of sheep pox virus in Egypt. *Egypt. J. Comp. Path. & Clinic. Path* Vol. 19 No. 2 (April) 2006; 124-135.
- Hassanein, S.A; Mervat, M. Mohamed and Nahed K.A. Analysis of protein structure of bovine viral diarrhea virus. *Banha Vet. Med. J.* Vol. 17, (1): 197 – 209 (2006)
- Nahed K.A; Hassanein, S.A and Sahar, I. Mohamed. Virological studies on some viruses causing enteritis in calves. *Egyptian Journal of Comparative Pathology and Clinical Pathology* Vol. (19) No. (3) 2006, 161 – 174.
- Hassanein, S.A; Nahed K.A and Mahmoud, M.A. Virological studies on cases of lumpy skin disease in cattle. *Egyptian Journal of Comparative Pathology and Clinical Pathology* Vol.20 No. 2 (September) 2007: 112-122.
- Hassanein, S.A; Nahed K.A; Hassanein, S.A and Sahar, I. Mohamed. Prevalence of antibodies to some viruses affecting respiratory tract of camels. *Egypt. J. of Appl. Sci.* 23 (6A) 2008.
- Hassanein, S.A; Ibrahim, A. K., Mervat, M. Mahmoud and Nahed K.A. Comparative molecular studies on different isolates of IBR virus. *J. of Vet. Virology* 2008.
- Saher I. M., Nahed K. A. and Eman M.B. Detection and characterization of FMDV in some Egyptian Governorates . The Fourth conference of animal wealth research 3-5 Oct. Vol.4, 269-282( 2011 ).
- Nahed K.A. ; Hassanein, S.A ; Wafaa,A.E and Eman, M.B. and Mohamed A. D. (2011):"Virological and molecular studies of peste des petites ruminants virus (PPR)". The Fourth conference of animal wealth research 3-5 Oct. Vol.4, 283-300).
- Ahmed, A.S., Sahar ,I.M., Nahed, K.A., Wafaa,A.E and Eman, M.B. Trials for isolation of Contagious Pustular Dermatitis Virus (CPDV) from sheep in Ismailia Governorate The fifth conference of animal wealth research 1-3 Oct. Vol.5 ,1-12, 2012.
- Nahed K.A. (2012):Serological and virological studies on infectious bovine rhinotracheitis virus infection (IBR) in cattle in some farms in Behera Governorate". *Proceeding of the first conference. Research and the future vision for livestock Development*, (437-444).
- Hassanein, S.A.; Ibrahim, A.K.; Mervat, M.M. and Nahed, K.A. Comparative molecular studies on different isolates of IBR virus. *The Second International*