

Curriculum vitae

Personal Information

Ahmed Ramadan Mahmoud Gado



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Sex Male | **Date of birth** 30/09/1990 | **Nationality** Egyptian
Marital status Married

Education

B.Sc. (2007-2012)

- Field: Veterinary Medical Sciences
- Affiliation: Faculty of Vet. Med. Damanhour Univ., Egypt
- Cumulative grade: Excellent with honors (GPA: 3.8/4 (90.62%)) (Rank: 1st / 153)

M.Sc. (2013-2016)

- field: Viral Diseases of Poultry (Avian Influenza Virus)
- Affiliation: Poultry and Fish Diseases Dep., Damanhour University
- Coursework grades: A- (GPA: 3.525/4) (Rank 1st / 20)
- Significant courses: (Viral Diseases of Poultry / Lab Diagnosis of Poultry Diseases)
- Thesis Title: "Incidence of Avian Influenza (H9N2) in broiler chickens in Egypt"

Research interests and activities

- Surveillance and interaction of Avian respiratory viruses in all Egyptian poultry sectors in cooperation with General Organization for Veterinary Services, Egypt and FLI (Germany)
- Avian Influenza Virus (AIV) pathobiology and cellular molecular mechanisms
- Mechanisms of antigenic drift of AIV in field situation
- Genetic resistance of AIV in native chicken and duck breeds
- Improvement of diagnostic techniques of AIV
- Development of new vaccines of AIV
- Discovery of new targets for antiviral drugs
- Factors affecting the pathogenicity of AIV
- Prevention and control of AIV using herbal medicine

Positions held

- Teaching Assistant, Dep. of poultry diseases, Faculty of Veterinary Medicine Damanhour University (03/09/2016–Present).
- Demonstrator, Dep. of poultry diseases, Faculty of Veterinary Medicine Damanhour University (31/08/2013–01/09/2016).

Academic Experience

Teaching Assistant, Poultry and Fish Diseases Dep., Damanhour University where I taught the following courses:

- Avian Anatomy and Dissection
- Diagnosis of Poultry Diseases
- PCR and Gene Sequencing
- Immunity and Vaccination

- Guidelines to farm visits
 - Poultry therapeutics
 - Biosecurity in poultry farms
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Technical and job-related skills

- **Laboratory techniques:**
 - Collection and preparation of all sample types
 - Virus isolation on ECE and Tissue culture
 - Serological tests: ELISA, HI, NI and AGPT
 - Immunohistochemistry
 - Conventional and Realtime PCR (professional)
 - Gene sequencing and sequence analysis
 - Preparation of inactivated vaccines
 - Bacterial and fungal culture on different media
 - **Animal experiments**
 - Good experience in animal experiments protocols such as pathogenicity determination, vaccine protection
 - **Poultry Field experience**
 - Supervision of about 300 poultry farms with 2 million bird total capacity
 - Successful diagnosis and control of many complicated field cases with reduction of their economic losses
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Memberships

- Member of Egyptian Veterinary Poultry Association (EVPA)
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Honors and Awards

- Honor of General Union of Veterinarians for promising master holder researchers **[2017]**
 - Honor of Department of Poultry and Fish Diseases for valuable contribution and organization of "The 1st International Workshop on the Diagnosis of Poultry Diseases with special emphasis on molecular techniques" workshop **[2016]**
 - Honor of Department of Poultry and Fish Diseases for valuable contribution and organization of "Poultry Diseases and Management" workshop **[2014]**
 - Award of Faculty of Veterinary Medicine, Damanhour University (the 1st of class 2007-2012) **[2013]**
 - Honor of General Union of Veterinarians for academic excellence **[2013]**
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Training

- Faculty Leadership and Development Center (FLDC), Damanhour University (trained for fundamental skills required in academia such as scientific publishing, ethics and methods of scientific research, time management and effective presentation skills) **[2015-2017]**
 - Attendance of many training workshops and conferences related to the field of poultry diseases and molecular biology (list available in separate item). **[2013-2017]**
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Publications

- El-Hamid HSA, Ellakany HF, Elbestawy AR, **Gado AR**. Molecular Characterization of H9N2 Avian Influenza Viruses Isolated from Commercial Broiler Chickens in Egypt during 2014-2015. AJVS. 2018; 56(2): 54-61. doi:10.5455/ajvs.220473
- Abd El-Hamid H.S., Ellakany H.F., Elbestawy A.R., **Gado A.R.**, and Hafez, M.H. Interaction between Avian Influenza subtype H9N2 and Newcastle Disease virus vaccine strain (LaSota) in chickens (under preparation)
- Ellakany H.F., Abd El-Hamid H.S., Tantawy L.A., Elsamadony H.A., Elbestawy A.R., **Gado A.R.** and Ismael HS. Immunological and Pathological Adverse Effects of Avian

Influenza Subtype H9N2 Infection of Commercial Broiler Chickens During Aflatoxicosis Treatment in Feed (under preparation)

- Ellakany, H.F., Abd El-Hamid H.S., Elbestawy A.R., Abo Ghanima I.I., **Gado, A.R.**, Abdelhalim, M.A. and Nassar A.A. Effect of experimental infection with *Ornithobacterium rhinotracheale* (ORT) spontaneously with a live infectious bronchitis vaccination in broiler chickens (under preparation)

Attended workshops and Conferences

- 10th Egyptian Veterinary Poultry Association Conference (EVPA), Ain Sokhna (Egypt) 07/12/2017–14/12/2017
- DNA Sequencing and Fragment Analysis training, ThermoFisher Scientific (Applied Biosystems), Dubai (UAE) 18/10/2016–19/10/2016
- The 1st International Workshop on the Diagnosis of Poultry Diseases with special emphasis on molecular techniques, Faculty of Veterinary Medicine Damanhour University, Damanhour (Egypt) 26/04/2016–28/04/2016
- Intervet/Schering-Plough Poultry Scientific Conference 22-24/ 9/2015
- Poultry diseases and management workshop, Faculty of Veterinary Medicine Damanhour University, Damanhour (Egypt) 15/06/2014–26/06/2014
- PCR workshop, Unit of Diagnosis and Treatment of Poultry Diseases, Cairo University, Cairo (Egypt) 10/06/2014–11/06/2014
- Scientific conference of Faculty of Veterinary Medicine Damanhour University on Avian Influenza in Egypt 4/5/2011

Volunteering work and activities

- **Organizing the following conferences and workshops:**
 - The 1st International Workshop on the Diagnosis of Poultry Diseases with special emphasis on molecular techniques, Faculty of Veterinary Medicine Damanhour University, Damanhour (Egypt) 26/04/2016–28/04/2016
 - Poultry diseases and management workshop, Faculty of Veterinary Medicine Damanhour University, Damanhour (Egypt) 15/06/2014–26/06/2014
 - Scientific conference of Faculty of Veterinary Medicine Damanhour University on Avian Influenza in Egypt 4/5/2011
- **Participation in the following projects:**
 - Veterinary Education Hospital (Animal panorama) 2012-present
 - Beautification project of Faculty of Veterinary Medicine Damanhour University 2012-2013
- Effective contribution of Veterinary Convoys of Faculty of Veterinary Medicine Damanhour University for training of students, education of people and society service
- Participation in the preparation of the requirements for submission of the college file of quality and accreditation
- Participation in the preparation of the requirements for submission of the department lab file of quality and accreditation
- Transferring all laboratory experiences to postgraduate students in the department, other departments and colleagues in the college

Computer skills

- Word, Excel spreadsheet, Powerpoint (very good user)
- Adobe Photoshop (good user)

Language skills

- An International English Language Testing System (IELTS) from British Council during July 2016 with Overall band score (6).

- A local TOEFL from the ESP center of Damanhour University during August 2015 with general grade Excellent 627/680.
- Good academic and scientific language acquired from five year Veterinary study in English and also five year of academic teaching in English.

Communication Skills

- Good communication skills gained through four years of teaching to students, field visits and investigations, contact with colleagues and postgraduate students and working in research groups

References

Available upon request