
Curriculum vitae

Personal Information



Asmaa Anwer Mahmoud Hegazy

Date of Birth: 20/03/1992

Sex: Female.

Nationality: Egyptian.

Marital Status: Married.

Present Position: Assistant lecturer of Pathology

Address: Abo-humus Elbehira, Egypt.

Faculty Tel.: (+2) 045 35 91 017.

Mobile: (+2) 01010057254

Email: Asmaa.hegazy@vetmed.dmu.edu.eg

Education

MVSc Veterinary Pathology: Faculty of Veterinary Medicine, Damanhur University, Egypt, 2018.

✓Thesis Title: Pathological Approach to the Recent Outbreak of Foot and Mouth Disease among Ruminant in Egypt.

B.Sc. (2009-2014)

- **Field:** Five-year studies including basic and clinical veterinary sciences
- **Affiliation:** Faculty of Vet. Med. Damanhur Univ., Egypt
- **Cumulative grade:** excellent with honors ((86.03%) (Rank: 5th / 100)

EMPLOYMENT

At the Department of Veterinary Pathology, Faculty of Veterinary Medicine,
Damanhour University:

Assistant Lecturer of Pathology: 8/9/2018 until now.

Demonstrator of Pathology : 17/11/2015

FIELD OF SPECIALIZATION

Pathology (general, systemic and post-mortem pathology).

Molecular Pathobiology.

Research interests and activities

- Surveillance and interaction of foot and mouth disease viruses (FMDV) in all Egyptian farm animals
 - foot and mouth disease viruses (FMDV) pathobiology and cellular molecular mechanisms
 - Pathogenicity of the recently (FMDV) isolated field strain circulating among cattle in Egypt or emerging of new viral strains that lead to increased risk of myocarditis in all age of animals
 - Improvement of diagnostic techniques of FMDV
 - Development of new vaccines of FMDV
 - Discovery of new targets for antiviral drugs
 - Factors affecting the pathogenicity of FMDV
 - Prevention and control of FMDV
-

Technical and job-related skills

○ Laboratory techniques:

- Collection and preparation of all types sample include (tissues specimen, Blood samples, and oral, nasal swabs)
- Basic Histological Techniques: Light microscopical techniques.
Electron microscopical techniques
- Molecular and Advanced Techniques: Immunohistochemistry.
Molecular biology techniques (PCR).
In situ hybridization test (ISH)
Gene sequencing and bioinformatics.

Animal experiments

Good experience in animal experiments protocols

Pathology Field experience

- Collection of all types of samples from poultry and animal farms and make pathological analyses of it.
-

Attended workshops and Conferences

- Basic technique in cell culture and stem cell research at medical research institute at Alexandria university-10 to12-9-2019
 - Molecular biology technique and application Alexandria university 16 to18-7-2019.
 - International publishing skills and coordination using a program to help publish research in scientific journals and writing master's and doctoral theses 31-1-2016
 - Organizers of the first scientific student conference, Faculty of Veterinary Medicine, Damanhur University 2014
 - Clinical practice for pharmacists and physicians in medical training department in Damanhur national medical institute 8-9-2013 to 19-9-2013
-

Training courses

- Training Course on "Quality assurance in the teaching process " in Faculty and Leadership Development Center (FLDC), Alexandria university (7-8 may 2018)
- Training Course on " Communication skills " in Faculty and Leadership Development Center (FLDC), Damanhur University (16-17 July 2018)
- Training Course on " Research Ethics " in Faculty and Leadership Development Center (FLDC), Damanhur University (15-16 February 2016)
- Training Course on "Research Methods" in Faculty and Leadership Development Center (FLDC), Damanhur University (1-2 February 2016)

- Training Course on " Effective presentation skills " in Faculty and Leadership Development Center (FLDC), Damanhur University (27-28 January 2016)

Computer skills

- Word, Excel spreadsheet, PowerPoint (very good user)
- End note program (very good user)
- Adobe Photoshop (good user)
- Blast sequence analysis program of NCBI (good user)
- MEGA6 program (good user)

Language skills

- Excellent spoken and written Arabic (mother tongue)
- An International English Language Testing System (IELTS) from British Council (6 degree).
- 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 five year of teaching to students, field visits and investigations, contact with colleagues and postgraduate students and working in research groups

Publications and Papers

- 1) Recent Crisis in Egypt Livestock Industry due to Foot and Mouth Disease Virus (2018).

Asmaa A. Hegazy, Hoda A. Abd-Ellatieff, Eman k. Bazh, Wael M. Goda and Abdel-Rahman A. Abourawash. (2018). IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS) e-ISSN: 2319-2380, pISSN: 2319-2372. Volume 11, Issue 5 Ver. I PP 34-38 DOI: 10.9790/2380-1105013438. www.iosrjournals.org.

- 2) Foot-and-mouth Disease Virus type (O) Overhangs Livestock Industry of both Young and Adult Cattle and Buffalo in Egypt (2021).

Abd-Ellatieff, H. A., **A. A. Hegazy**, A. M. Hassan, A. M. El-Shehawi, E. K. Bazh, A.-R. A. AbouRawash, M. Shukry and H. G. Tohamy.