

Mr. Hassan, K.E.

Personal Data

Full name in English: Kareem Eid Abd-Elfatah Hassan (Hassan, K.E.)
Date of Birth: 05/07/1989
Nationality: Egyptian
National ID: 28907052300275
Social status: Single
Language: Mother tongue: Arabic
Another language: very good command in English
Address: Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef, 62511 Egypt.
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Scientific degrees

Last university degree **Degree:** Master degree in Veterinary Medicine (M.V.Sc) .
Institution: Faculty of Veterinary Medicine, Beni-Suef University , Egypt.
Title: Studies on viral respiratory problems prevalent in broiler chickens .
Field of specialization: Poultry Diseases
Graduation Date: 3/5/2015

Previous degree

Degree: Bachelor degree in Veterinary Medicine (B.V.Sc) .
Institution: Faculty of Veterinary Medicine, Beni-Suef University , Egypt.
Field of specialization: Poultry Diseases
Graduation Date: 2011

Employment information

Current Position: Assistant lecturer at poultry diseases Poultry Diseases Department
Previous position: Demonstrator at Poultry Diseases Department: 1/01/2012 till 5/2015
Institution: Faculty of Veterinary Medicine, Beni-Suef University , Egypt

Responsibilities:

- Teaching of undergraduate students' course of poultry diseases.
- Research: poultry diseases with special reference to; viral diseases of poultry, molecular evolution of avian viruses, reverse genetic vaccine preparation.

Scientific achievements:

- Sharing in a research project awarded from Projects Support and financing Unit , Beni-Suef University Research Center, entitled "**Genotyping of recent Avian Infectious Bronchitis isolates and protection study against them under experimental conditions**" (2013).

Research interests

- My work provided me with a great opportunity to gain experience in the field of studying of currently circulating poultry viruses in the Egyptian field specially AIV (H5, H9), IBV and ND. The work experiences included molecular diagnosis and characterization and studying the prevalence and epidemiology of these viruses beside evaluation of vaccination programs and identities of used

vaccinal strains with circulating viruses. Master thesis will be discussed in April 2015.

Laboratory skills

- Virus isolation on embryonated chicken eggs and tissue culture.
- Different molecular biology related techniques.
 - Gene sequence handling and analysis.
 - Primer designing.
 - Genomic RNA/ DNA extraction from various infected tissues.
 - Standard and real time PCR and RT-PCR.
- Handling experimental birds and rabbits
- Different serological techniques
 - Haemagglutination inhibition, passive haemagglutination.
 - Virus neutralization.
 - ELISA.
 - Agar gel precipitation test (AGPT).

Future plan

- My future plan is to proceed in the profession as poultry virologist and extending my research experience by:
 - Obtaining my PhD from abroad through application to scholarships (DAAD, German-Egyptian Long-Term Scholarship (GERLS))
 - Cooperative research work with international laboratories in the field of poultry viral diseases epidemiology and viruses evolution

Publications

- **Hassan, K.E.,** Ali, A., Shany, S.A., El-Sawah, A., El-Kady, M.F. (2015). Characterization of infectious bronchitis virus isolated from respiratory disease outbreaks in broiler flocks. BS. Vet. Med. J. (In press).
- **No of NCBI submission (AI, IBV and NDV)**

Serial		Serial		Serial		Serial	
1	KF998209	2	KF998208	3	KF998209	4	KF998198
5	KF998210	6	KF998199	7	KF998211	8	KF998200
9	KF998212	10	KF998201	11	KF998214	12	KF998204
13	KR010940	14	KR010941	15	KR010942	16	KR010943
17	KR010944	18	KR010945	19	KR010946	20	KR010947
21	KR010948	22	KR010949	23	KR010950	24	KR010951
25	KR010952	26	KR010953	27	KR010954	28	KR010955
29	KR010956	30	KR010957				