



## Kareem Eid Abd-ELfatah Hassan

Assistant lecturer at Poultry Diseases Department

Beni-Suef University, Beni-Suef 65211, Egypt

### Curriculum Vitae



#### Personal data

<b>Full name</b>	Kareem Eid Abd-ELfatah Hassan ( <i>Hassan, K.E.</i> )
<b>Date of Birth:</b>	
<b>Nationality</b>	Egyptian
<b>National ID</b>	
<b>Social status</b>	Married
<b>Language</b>	Mother tongue: Arabic Another language: very good command in English ,ILETS (5.5)
<b>Address</b>	Fayoum,
<b>Affiliation</b>	Poultry Diseases Department, Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef, 62511 Egypt.
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<b>Personal website</b>	<a href="https://karemeid64.wixsite.com/mysite">https://karemeid64.wixsite.com/mysite</a>
<b>Google scholar</b>	<a href="https://scholar.google.com/eg/citations?user=y7LxyfYAAAAJ&amp;hl=en">https://scholar.google.com/eg/citations?user=y7LxyfYAAAAJ&amp;hl=en</a>
<b>Research gate</b>	<a href="https://www.researchgate.net/home">https://www.researchgate.net/home</a>

#### Scientific degrees

<b>Last university Degree</b>	<b>Degree:</b> Master degree in Veterinary Medicine (M.V.Sc) . <b>Institution:</b> Faculty of Veterinary Medicine, Beni-Suef University , Egypt. <b>Title:</b> Studies on viral respiratory problems prevalent in broiler chickens. <b>Field of specialization:</b> Poultry Diseases <b>Graduation Date:</b> 30/5/2015
<b>Previous degree</b>	<b>Degree:</b> Bachelor degree in Veterinary Medicine (B.V.Sc) .very good (first rank on faculty) <b>Institution:</b> Faculty of Veterinary Medicine, Beni-Suef University , Egypt. <b>Graduation Date:</b> 2011

#### Employment information

<b>Current Position:</b>	Assistant lecturer at Poultry Diseases Department
<b>Previous position:</b>	Demonstrator at Poultry Diseases Department: 1/01/2012 till 5/2015
<b>Institution:</b>	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:****Projects:**

- Member in a research project team for project awarded from Projects Support and financing Unit of Beni-Suef University Research Center (**100,000 Egy. pounds**) entitled **“Preparation of nanoparticle based DNA vaccine against H9N2 Low Pathogenic Avian Influenza (2017) .**
- Principle investigator in a research project awarded from Projects Support and financing Unit of Beni-Suef University Research Center for young researcher, (**30,000 Egy. pounds**) entitled **“Advanced studies on viral respiratory problems prevalent in broiler chickens” (2016).**
- Member in a research project team for a project awarded from Projects Support and financing Unit of Beni-Suef University Research Center (**30,000 Egy. pounds**) entitled **“Genotyping of recent Avian Infectious Bronchitis isolates and protection study against them under experimental conditions” (2013).**

**Workshops and Training courses:**

- Completion the workshop of: **One Health Approach to Managing Disease Outbreaks.**(35 hours) The Center for Agriculture and Food Security and Preparedness, **The University of TENNESSEE,USA,**March2017.
- Completion the workshop the first international workshop on: **The Diagnosis Of Poultry Diseases With Special Emphasis On Molecular Techniques** (4days).**Damanhur University** ,April 2016.
- Completion and organization the workshop: **Advanced Techniques in Molecular and Pathobiology** (4days). **Faculty of Veterinary Medicine, Beni-Suef University** . May 2015.
- Completion training course in **Organization Scientific Conferences** (15 hours).**Center of Human Resources Development, Beni-Suef University** . February 2015.
- Completion training course in **University Management** (15 hours).**Center of Human Resources Development, Beni-Suef University**. February 2015.
- Completion training course in **University Legal and Financial Aspects** (15 hours).**Center of Human Resources Development, Beni-Suef University** . February 2015.
- Completion training course in **Use of Technology in Teaching** (15 hours).**Center of Human Resources Development, Beni-Suef University** . February 2015.
- Completion training course in **Student Evaluation and Examination techniques** (15 hours).**Center of Human Resources Development, Beni-Suef University** . February 2015.
- Completion training course in **Competitive Research Projects** (15 hours).**Center of Human Resources Development, Beni-Suef University** . February 2015.
- Completion and organization the workshop: **Recent Techniques in Pathobiology**(3days). **Faculty of Veterinary Medicine, Beni-Suef University**. May 2014.

**Conferences**

- Attendance and organization of **7<sup>th</sup> scientific conference** of Faculty of Veterinary Medicine, Beni-Suef University, February 2013.
- Attendance and organization of **8<sup>th</sup> scientific conference** of Faculty of Veterinary Medicine, Beni-Suef University, October 2016.

**Organizations**

- Member in **Egyptian Veterinary Poultry Association** since 2015.
- Member in **WORLD SOCIETY FOR VIROLOGY** in 2017.

**Research interests**

- My work provided me 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, 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.
- Use of Nanotechnology in production of new vaccines.

**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).

**Publications**

	International publications	Citations	Posters		RG score
			international	local	
Published paper	3	6	2	1	6.14
Papers under submission	1				

- **Hassan, K.E.,** Ali, A., Shany, S.A., El-Kady, M.F. **Experimental co-infection of infectious bronchitis and low pathogenic avian influenza H9N2 viruses in commercial broiler chickens.** Research in Veterinary Science. Volume, December 2017, Pages 356-362.
- **Hassan, K.E.,** Mahmoud Naguib, Magdy El-Kady, Dörte Lüscho, Abdelsatar Arafa, Ali EL-Zanaty, Mohamed Hassan, Hafez Hafez, Christian Grund, Timm Harder (2017), **New real time and conventional RT-PCRs for updated molecular diagnosis of infectious bronchitis virus infection (IBV) in chickens in Egypt associated with frequent co-infections with avian influenza and Newcastle Disease viruses.** Journal of virological methods. Volume 245, July 2017, Pages 19–27 .<http://dx.doi.org/10.1016/j.jviromet.2017.02.018>

- **Hassan, K.E.,** Ali, A., Shany, S.A., El-Sawah, A., El-Kady, M.F. Dahshan;A.M(2016). **Prevalence of Avian Viruses in Respiratory Disease Outbreaks in Broiler Flocks in Egypt.** Poultry science journal (June 2016) 95(6): 1271-1280. doi:10.3382/ps/pew068.
- **Hassan, K.E.,** Ali, A., Shany, S.A., El-Sawah, A., El-Kady, M.F. **Prevalence of Avian Viruses in Respiratory Disease Outbreaks in Broiler Flocks in Egypt** as poster in proceeding of first scientific conference Global Alliance for Research on Avian Diseases "GARAD".
- **Hassan, K.E.,** Ali, A., Shany, S.A., El-Sawah, A., El-Kady, M.F. **Experimental Co-infection of Broiler Chickens with Infectious Bronchitis and Low Pathogenic Avian InfluenzaH9N2 Viruses** as poster in proceeding of first scientific conference Global Alliance for Research on Avian Diseases "GARAD".

#### No of NCBI submission (AI, IBV and NDV) in World Gene Bank

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	31	AR2164 / 14	32	AR2165/ 14
33	AR2166/ 14	34	AR2167/ 14	35	AR2168/ 14	36	AR2170/ 14
37	AR2177/ 14	38	AR2178/ 14	39	AR2181/ 14	40	AR2182/ 14
41	AR2195/ 14	42	AR2198/ 14	43	AR2199/ 14	44	AR2200/ 14
45	AR2201/ 14	46	AR2202/ 14	47	AR2203/ 14	48	AR2204/ 14
49	AR2205/ 14	50	AR2206/ 14	51	AR2207/ 14	52	AR2208/ 14