

**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	
Social status	Married
Language	Mother tongue: Arabic
	Another language: very good command in English ,ILETs (5.5)
Address	Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef, 62511 Egypt.
Affiliation:	Poultry Diseases Department, Faculty of Veterinary Medicine, Beni-Suef University
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**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 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:**

<b>Projects:</b>	<ul style="list-style-type: none"> <li>• Sharing in a research project awarded from Projects Support and financing Unit , Beni-Suef University Research Center, entitled <b><i>"Genotyping of recent Avian Infectious Bronchitis isolates and protection study against them under experimental conditions"</i></b> (2013).</li> <li>• Principle investigator in a research project awarded from Projects Support and financing Unit , Beni-Suef University Research Center for young researcher, entitled <b><i>"Advanced studies on viral respiratory problems prevalent in broiler chickens"</i></b> (2016).</li> </ul>
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<b>Workshops and Training courses:</b>	<ul style="list-style-type: none"> <li>• Completion and organization the workshop: <b>Recent Techniques in Pathobiology</b>(3days). Faculty of Veterinary Medicine, Beni-Suef University. May 2014.</li> <li>• Completion and organization the workshop: <b>Advanced Techniques in Molecular and Pathobiology</b> (4days). Faculty of Veterinary Medicine, Beni-Suef University . May 2015.</li> <li>• Completion the workshop the first international workshop on: <b>The Diagnosis Of Poultry Diseases With Special Emphasis On Molecular Techniques</b> (4days).Damanhour University ,April 2016.</li> <li>• Completion the workshop of: <b>One Health Approach to Managing Disease Outbreaks</b>.(35 hours) The Center for Agriculture and Food Security and Preparedness,The University of TENNESSEE,USA.March2017.</li> <li>• Completion training course in <b>Organization Scientific Conferences</b> (15 hours).Center of Human Resources Development, Beni-Suef University . February 2015.</li> <li>• Completion training course in <b>University Management</b> (15 hours).Center of Human Resources Development, Beni-Suef University . February 2015.</li> <li>• Completion training course in <b>University Legal and Financial Aspects</b> (15 hours).Center of Human Resources Development, Beni-Suef University . February 2015.</li> <li>• Completion training course in <b>Use of Technology in Teaching</b> (15 hours).Center of Human Resources Development, Beni-Suef University . February 2015.</li> <li>• Completion training course in <b>Student Evaluation and Examination techniques</b> (15 hours).Center of Human Resources Development, Beni-Suef University . February 2015.</li> <li>• Completion training course in <b>Competitive Research Projects</b> (15 hours).Center of Human Resources Development, Beni-Suef University . February 2015.</li> </ul>
<b>Conferences</b>	<ul style="list-style-type: none"> <li>• Attendance and organization of <b>7<sup>th</sup> scientific conference</b> of Faculty of Veterinary Medicine, Beni-Suef University,February 2013.</li> <li>• Attendance and organization of <b>8<sup>th</sup> scientific conference</b> of Faculty of Veterinary Medicine, Beni-Suef University,October 2016.</li> </ul>
<b>Organizations</b>	<ul style="list-style-type: none"> <li>• Member in Egyptian <b>Veterinary Poultry Association</b> since 2015.</li> </ul>
<b>Research interests</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>

- 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

- **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. <http://dx.doi.org/10.1016/j.jviromet.2017.02.018>
- **Hassan, K.E.**, Mahmoud Naguib, Magdy El-Kady, Dörte Lüscho, Abdelsatar Arafa, Ali EL-Zanaty, Mohamed Hassan, Hafez Hafez, Christian Grund, Timm Harder(2017), **Infectious Bronchitis Virus Infection in Poultry in Egypt: Molecular Diagnosis, Genetic Characterization and Frequent Co-Infections with Avian Influenza and Newcastle Disease Viruses**. as poster in proceeding of the eighth scientific conference of Beni-Suef University 2016.
- **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. First published online: March 14, 2016.
- **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".
- **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.

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- **No of NCBI submission (AI, IBV and NDV)**

Serial		Serial		Serial		Serial	
<b>1</b>	KF998209	<b>2</b>	KF998208	<b>3</b>	KF998209	<b>4</b>	KF998198
<b>5</b>	KF998210	<b>6</b>	KF998199	<b>7</b>	KF998211	<b>8</b>	KF998200
<b>9</b>	KF998212	<b>10</b>	KF998201	<b>11</b>	KF998214	<b>12</b>	KF998204
<b>13</b>	KR010940	<b>14</b>	KR010941	<b>15</b>	KR010942	<b>16</b>	KR010943
<b>17</b>	KR010944	<b>18</b>	KR010945	<b>19</b>	KR010946	<b>20</b>	KR010947
<b>21</b>	KR010948	<b>22</b>	KR010949	<b>23</b>	KR010950	<b>24</b>	KR010951
<b>25</b>	KR010952	<b>26</b>	KR010953	<b>27</b>	KR010954	<b>28</b>	KR010955
<b>29</b>	KR010956	<b>30</b>	KR010957	<b>31</b>	AR2164 / 14	<b>32</b>	AR2165/ 14
<b>33</b>	AR2166/ 14	<b>34</b>	AR2167/ 14	<b>35</b>	AR2168/ 14	<b>36</b>	AR2170/ 14
<b>37</b>	AR2177/ 14	<b>38</b>	AR2178/ 14	<b>39</b>	AR2181/ 14	<b>40</b>	AR2182/ 14
<b>41</b>	AR2195/ 14	<b>42</b>	AR2198/ 14	<b>43</b>	AR2199/ 14	<b>44</b>	AR2200/ 14
<b>45</b>	AR2201/ 14	<b>46</b>	AR2202/ 14	<b>47</b>	AR2203/ 14	<b>48</b>	AR2204/ 14
<b>49</b>	AR2205/ 14	<b>50</b>	AR2206/ 14	<b>51</b>	AR2207/ 14	<b>52</b>	AR2208/ 14