



وحدة ضمان الجودة



Curriculum Vitae

personal Information

Name	Heba Mohammed Mohammed Salem	
Title	Associate professor of Poultry diseases, Faculty of Veterinary Medicine, Cairo University.	
Date of birth	1-1-1985	
Place of birth	Damietta	
Citizenship	Egyptian	

Contact Information

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Web site (s)	
Current Address	4 Ahmed Ibrahim street, Faysal, Giza, Egypt.

Educational Qualifications

B. Sc.	Cairo University	Egypt	2006	(Very good with honor Grade)
M. Sc.	Cairo University	Egypt	2012	Poultry Diseases
Ph. D.	Cairo University	Egypt	2015	Poultry Diseases

Academic Positions

Associate professor	2021- current	Cairo	Egypt
Lecturer	2015- 2021	Cairo	Egypt
Assistant Lecturer	2012 - 2015	Cairo	Egypt
Demonstrator	2006 - 2012	Cairo	Egypt

Thesis Title



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M. Sc.: STUDIES ON SOME CLOSTRIDIAL ENTERIC DISEASES AFFECTING WEANED RABBITS IN EGYPT

Ph. D.: FURTHER STUDIES ON CLOSTRIDIUM PERFERINGENS INFECTION IN WEANED RABBITS

Areas of experience

Poultry and rabbit diseases

Projects

Awards

- Award of international publication, Cairo University, 2019.
- A certificate of appreciation awarded by Egyptian Veterinary Medical Syndicate, Damietta branch for training of veterinarians “poultry diseases and poultry farming, august 2015.
- A certificate of appreciation awarded by Club of Staff Member of Cairo University, September 2012.
- A certificate of appreciation awarded by Egyptian Veterinary Medical Syndicate, July 2015.
- A certificate of Ideal Instructor on the department by Club of Staff Member of Cairo University, March 2012.
- Best master thesis award 2012.
- Scientific Publishing Award 2012.

Professional Qualifications

Conferences

- “Veterinary Medicine and Human Health” Faculty of Veterinary Medicine, Cairo University, 25 - 28/10/2010.
- Poultry diseases department annual conference 2015, Faculty of Veterinary Medicine- Cairo University.
- Scientific conference of zoonosis department, faculty of veterinary medicine, Cairo University 15 May,2016
- Attending the fourteenth scientific conference of the Egyptian Society for Cattle Diseases 2018
- 10 TH CONFERENCE OF EGYPTIAN VETERINARY POULTRY ASSOCIATION 2017 (abstract)
- 11 TH CONFERENCE OF EGYPTIAN VETERINARY POULTRY ASSOCIATION 2018 (article)
- 29th Annual Meeting of the Society for Virology, Germany, 2019 (poster).
- The 21st World Veterinary Poultry Association Congress - WVPAC 2019-Poultry: The value protein for one’s



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health -September 16 - 20, 2019- Bangkok International Trade and Exhibition Center, Bangkok, Thailand(poster).

Training courses

- Attending a workshop on Courses Description under the auspices of the Quality and Accreditation Unit at the Faculty of Veterinary Medicine Cairo University 2015
- The Workshop on - 'Food security supported by Newton Fund -British Council "- at St Catherine's Collage Oxford - UK from 4-7 April, 2016
- The workshops on crisis and disaster management, quality management and development - Cairo University Center for Quality Assurance of Education - from 12-21 / 12/2016.
- The workshops on: students and graduates, postgraduate studies, scientific research and educational activities, academic guidance in light of accreditation of educational institutions and the credit hour system - Cairo University Center for Quality Assurance of Education - 2017.
- A workshop entitled "Criteria for Accrediting a Study Program" - Cairo University Center for Quality Assurance of Education - on March 3, 2017.
- A Workshop 'SPSS' April 2017., Cairo-University
- Participation in the training course, coordinated by the Diagnosis and Treatment Unit of Poultry Diseases, Faculty of Veterinary Medicine, Cairo University 2011 under the title 'Viral poultry disease diagnosis, comparative diagnosis, prevention and treatment'
- Attendance and participation of training course titled 'laboratory diagnosis of poultry diseases' 2017 by the center of applied analysis and veterinary studies- unit of diagnosis and treatment of poultry diseases and center of biotechnology researches and services- faculty of veterinary medicine- Cairo University.
- Attendance and participation of training course titled 'laboratory diagnosis of poultry diseases' 2018 by the center of applied analysis and veterinary studies- unit of diagnosis and treatment of poultry diseases and center of biotechnology researches and services- faculty of veterinary medicine- Cairo University.
- Attendance and participation of training course titled 'General approaches in broiler farms' for Egyptian trainers, 2020 by the unit of diagnosis and treatment of poultry diseases - faculty of veterinary medicine- Cairo University.
- Attendance and participation of training course titled 'General approaches in broiler farms' for Oman trainers, 2020 by the unit of diagnosis and treatment of poultry diseases - faculty of veterinary medicine- Cairo University.

Computer Skills



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International computer driving license (ICDL) with excellent computer skills.

Language Skills

Arabic Speaking ■ mother tongue Reading ■ excellent Writing ■ excellent

English Speaking ■ excellent Reading ■ excellent Writing ■ excellent

Professional Memberships

- Staff of Department of Poultry Diseases, Cairo University
- Egyptian Society of poultry Diseases.
- Terminal committee of Veterinary Medical Trips in Cairo University.
- Unit of Quality assurance and accreditation center of Faculty of Veterinary Medicine.
- Egyptian Veterinary Medical Association.
- Egyptian Veterinary Medical Syndicate.

Other activities

Improvement of skills in teaching: Faculty and Leadership Development Center (FLDC):

1. Effective learning.
2. Effective communication skills.
3. Teaching evaluation.
4. Scientific research skills.
5. Time and meeting management.
6. Effective meeting management.
7. Using technology in teaching.
8. Credit hours system
9. Efficient presentation skills.
10. Management of scientific conferences.
11. Scientific team management.
12. Examination systems and assessment of students.
13. Legal and financial aspects in University environment.
14. Scientific writing and international publishing.
15. Efficient management of committees.
16. Modern Scientific Research Methods.



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Thesis supervision:

1- Master thesis (Microbiology)

Bacteriological studies on some enteric pathogenic bacteria in broiler chickens and testing their sensitivity and resistance to some antibiotics and probiotics

2- Master thesis (Microbiology)

Microbiological study on Pseudomonas species isolated from poultry

3- Master thesis (Microbiology)

Preparation of bivalent vaccine for Mycoplasma spp. and Salmonella spp. In poultry

4- Master thesis (Poultry diseases)

Recent studies on current situation of E. coli in chicken in Egypt

5- Master thesis (Poultry diseases)

Epidemiological studies on Mycoplasma infection in chicken in Egypt

Manuscript reviewing:

1- Reviewer in Advances in Animal and Veterinary Sciences journal.

2- Reviewer in Journal of Applied Veterinary Science

List of publications

1. Accidental intestinal myiasis caused by *Musca domestica* L. (Diptera: Muscidae) larvae in broiler chickens: a field study. **Salem, H. M.** and Attia, M. M. (2021). International Journal of Tropical Insect Science. <https://doi.org/10.1007/s42690-021-00492-w>.
2. Morphological and molecular characterization of *Pseudolynchia canariensis* (Diptera: Hippoboscidae) infesting domestic pigeons. Attia, M. M. and **Salem, H. M.** (2021). International Journal of Tropical Insect Science. DOI: 10.1007/s42690-021-00597-2.
3. Nanoparticles applications in poultry production: An updated review. Abdel-Ghany, W.A., Shaalan, M. and **Salem, H.M.** (2021). World's poultry science journal, 77(4).
4. Integrated nanovesicular/self-nanoemulsifying system (INV/SNES) for enhanced dual ocular drug delivery: statistical optimization, in vitro and in vivo evaluation, (2020). Yousry, C ; Zikry, PM; **Salem, HM**; Basalious, EB; El-Gazayerly ON. Drug Delivery and Translational Research, 1-14.
5. Encephalitozoon cuniculi infection in farmed rabbits in Egypt, 2020: Eman A. Morsy, **Heba M. Salem**, Marwa S. Khattab, Mai Abuowarda and Dalia Hamza, Acta Veterinaria Scandinavia.62 (11). <https://doi.org/10.1186/s13028-020-0509-6>.



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6. Outbreaks of myxomatosis in Egyptian domestic rabbit farms, 2019: **H.M Salem**, EA Morsy, EI Hassanen, AA Shehata, World Rabbit Science 27 (2), 85-91
7. Effect of a multicarbohydase containing α -galactosidase enzyme on the performance, carcass yield, and humoral immunity of broilers fed corn–soybean meal–based diets of varying energy density, 2020 : S. Llamas-Moya, C.P. Girdler, S.M.M. Shalash, A.M. Atta, H.B. Gharib, E.A. Morsy, **H. Salim**, M.H.H. Awaad, and M. Elmenawey, Journal of Applied Poultry Research.
8. A picture of Mycoplasma gallisepticum and Mycoplasma synoviae in poultry in Egypt: Phenotypic and Genotypic characterization, 2020: Sherif Marouf, Ihab M. Moussa, **Heba Salem**, Mahmoud Sedeik, Ahmed Elbestawy, Hassan A. Hemeg, Turki M. Dawoud, Aymen S. Mubarak, Hossam Mahmoud and Ali H. Bahkali, Journal of King Saud University – Science
doi: <https://doi.org/10.1016/j.jksus.2020.02.036>.
9. Utility of Molecular Biology Tools for Identification and Characterization of Egyptian Riemerella anatipstifer duck isolates, 2019: Mohamed I Abd El Hamid, Dalia AM Abd El-Moaty, Elham F El-Sergany, **Heba M Salem**, Hala El-Sawy and Ashraf M Abbas 2019, International Journal of Veterinary Science 8 (4), 335-341.
10. Influence of Bovine IGG-Rich Fraction on Growth Promotion, Gut Health and Clostridium Perfringens Enumeration in Necrotic Enteritis Infected Broiler Chickens, 2019: MA Awaad M.H.H., **H.M.M Salem**, E.A. Morsy, F.M. Fathy, IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS) 12 (4), 78-85.
11. Drug-Independent Control Strategy of Coccidiosis in Broiler Chickens Using Prebiotic, Probiotic and Symbiotic, 2019: MH Awaad, MA Elmenawey, FF Mohamed, EA Morsy, **HM Salem**, Journal of Agriculture and Veterinary Science 12 (3(1)), 22-33.
12. Opposing of Necrotic Enteritis by Phytonutrients and/or Acidifiers in Broiler Chickens, 2019: MH Awaad, M Elmenawey, B Shalaby, FF Mohamed, AM Nada, **H Salem**: Journal of Agriculture and Veterinary Science 12 (3(1)), 12-21.
13. Evaluation of Bacillus subtilis spores probiotic as an antibiotic alternative to protect broiler chickens against pathogenic *E. coli* and *Clostridium perfringens*, 2019: Dina Abo El-Soud, Ahmed Soliman, **Heba Salem**, Ayman Tolba and Ahmed Samir, VMJ-G, vol. 66, 1-9.
14. Molecular and Genetic Characterization of Infectious Bronchitis Viruses Isolated from Commercial Chicken Flocks in Egypt between 2014 and 2016, 2018: A Setta, **HM Salem**, M Elhady, A El-Hussieny, AS Araf, World's Poultry Science Journal 8 (1), 1-7.



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15. Heat Stress Impedance by Acidifiers in Broiler Chickens, 2018: Awaad MHH, MA Elmenawey, MM Bashandy, FF Mohamed, **HM Salem** 2018: ACTA SCIENTIFIC MEDICAL SCIENCES 2 (9), 84-93.
16. MANNHEIMIA (PASTEURELLA) HAEMOLYTICA INFECTION IN COMMERCIAL LAYERS; A CASE REPORT, 2017: A Setta, **HM Salem**, j.Egypt.vet.med.Assoc 77 (2), 241-246.
17. Field and Laboratory Diagnosis of C. perfringens Enteric Infection among Rabbit Flocks in Egypt, 2015: Khelfa D.G., Madian K., El-Meneisy A. A. and **Heba.M.Salem** ,Middle East Journal of Applied Sciences 5 (1), 252-261.
18. Recent status of clostridial enteritis affecting early weaned rabbits in Egypt, 2012:DE Khelfa, DG Wafaa, A Abd El Ghany, **HM Salem**, Life Sci J 9, 2272-2279.
19. The Effect of Clostridium difficile Experimental Infection on the Health Status of Weaned Rabbits, 2012: DG Khelfa, WAA El-Ghany, **HM Salem**, Journal of Applied Sciences Research 8 (8), 4672-4677.
20. Serological and Molecular Typing of Clostridium Perfringens and Its Toxins Recovered from Weaned Rabbit's Flocks in Egypt, 2012: D Khelfa, WAA El-Ghany, **HM Salem**, Life Science Journal 9 (4).

Publications statistic							
Journal's Publication		Conference's Publication		Authors			Total
Local	International	Local	International	Single	Shared		
					Internal	External	
2	18	1	3	5 (Area of specification)	18	2	



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