

Short Curriculum Vitae

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DATE OF BIRTH: July 7th, 1953

Title: Professor

Department: Animal and Poultry Hygiene & Management. Faculty of Veterinary Medicine
Cairo University

Occupational history:

1. 1976-1978 Demonstrator in Faculty of Veterinary Medicine Cairo University
2. 1979 Master of Veterinary Medical Science Faculty of Veterinary Medicine, (control of rabbit Coccidiosis)
3. 1979 - 1981 Assistant Lecturer Faculty of Veterinary Medicine, Cairo University, Egypt
4. 1981 Philosophy Doctor in Veterinary Medicine, Science (Ph.D.) (Airborne infection in poultry houses)
5. 1981-1988 Lecture, Faculty of veterinary Medicine, Cairo University, Egypt.
6. 1981 –till now Director and owned Consulting office for poultry industry projects
7. 1984-1988 Consultant to El-masria for poultry production
8. 1988- 1993 Assistance Professor, Faculty of Veterinary Medicine, Cairo University, Egypt
9. 1992- 1994 Consultant in Poultry Industry in Newfoundland and Labrador Federation of Agriculture Canada
10. 1994 Professor, Faculty of Veterinary Medicine, Cairo University, Egypt
11. 1995-2002 Head of Poultry Production & Management Unite Faculty of Veterinary Medicine Cairo University

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| 12. | 2000 | Training, working, consulting in Lehmann laboratory and research center Cuxhaven Germany |
| 13. | 1995-2004 | Director of poultry management research centre Cairo university. |
| 14. | 2000-2009 | Director of Quality Control laboratory of SPF Project Ministry of agriculture |
| 15. | 2011- 2013 | Head of the Department of poultry and animal management and Hygiene Cairo University Faculty of Veterinary Medicine |
| 16. | 2014 | Professor of poultry hygiene and management |

Research interests

1- **General.:** Animal and poultry Hygiene.

2- **Specific research field/s.:**

Poultry hygiene:

- 1- Disinfection
- 2- Biosecurity of poultry farms
- 3- Management of poultry farms
- 4- Poultry litter management
- 5- Poultry Modern Housing System
- 6- Poultry Immune response
- 7- Poultry production
- 8- Poultry Waste Disposal

Scientific Activities

- (A) Lecturing on animal and poultry hygiene to undergraduate and postgraduate students.
- (B) Sharing of supervision of the theses in animal and poultry hygiene
- (C) Shares in research work in the department of animal and poultry hygiene
- (D) Consultant for project in egg and broiler production.
- (E) Director of poultry laboratory diagnoses dealing with poultry industry
- (F) Advisor in a project of diarrhea agents transmitted from animal to man (project Grant No. 263-A137) US Aid
- (G) Director of animal and poultry management center Faculty of veterinary medicine Cairo University for 7 years
- (H) Director of Quality Control Laboratory of project of production SPF Egg

(I) Consulter and supervise a lot of poultry farm

Skills & Activities

Skills Vaccines, Veterinary Medicine, Vaccination, Infectious Disease Control and Prevention, Immunology of Infectious Diseases, Avian Influenza, Immune Response, Influenza Vaccines, Poultry, Respiratory Viruses, Vaccine Development, Virus Diseases, Veterinary Microbiology, Veterinary Vaccine Production, Biosafety and Biosecurity, Animal Science, Egg Production, Disinfectants and disinfection, Vaccinology, Emerging Infectious Diseases, Immunization, Poultry Management, Poultry Diseases, Poultry Vaccines, Broilers, Infection, Infectious Disease Epidemiology, Clostridium perfringens, Animal Welfare, Animal Health, Veterinary Infectious Diseases, Virus, Zoonotic Diseases

Managerial Skills:

- Analytical & critical thinking
- Considering many factors in decision-making
- Ability to prioritizing tasks effectively
- Know how to Build good working relationships with people at all levels
- Strategically planning & Problem solving

Conference Proceedings

Abdel-rahman gamal, Elshaimaa Esmail, Sherif Mubarak, Hussein Hussein, Mohamed Hamoud, Manal zaki, Ashraf Metwally, Osama zahran: *Virucidal Activity of Some Disinfectants, Clutching and Detergent Agents Used in Egyptian Poultry Industry Against Two Locally Isolated HPAI Circulating In Egypt*. The XIXth Congress of WVPA, Cape Town, South Africa; 09/2015

Elshaimaa Ismael, Manal Moustafa Zaki, Hamoud Mohamed Hamoud, Ashraf Metwally, Abdelrhman Mohammed Gamal, Mohammed Abdel-Mohsen Rohaim, Mohga Fouad Badawy, Osama Mohamed Zahran: *Evaluation of different antigens used in sero-surveillance of Avian Influenza H5N1*. WVPA2015, Cape Town, South Africa; 09/2015

List of important publications

1. Epidemiology of Campylobacter Fetus Subspecies Jejune In Egypt. "Egyptian Vet. Medicine Journal, Vol. 30 (1982)
2. Mastitogenic Micro-Organisms In The Environment Of 'Dairy Animals.'" J. Egyptian Vet. Medicine Association, Vol. 43 (1983)
3. Salmonella frequency In Hatchery Environments Before and After Formalin Fumigation. "Egyptian Vet. Medicine Journal, Vol. 32,
4. Salmonella Cycle in Injected Broiler Flock Raised on Deep Letter System. "Egyptian Vet. Medicine Journal, Vol.32, No. 3 (1984)
5. Salmonella cycle in infected broiler flock raised on deep litter system. AA El-Nasaan, O Zahran, MT Shouman, F Moustafa. Veterinary Medical Journal (Egypt)
6. Incidence Of salmonella In Hatching Eggs and Day-Old Chicks and Effect of Formaldehyde Fumigation on Surface Contamination on Hatching Eggs". Egyptian Vet. Medicine Association, Vol. 45 No. 1 (1985)
7. Persistence of Salmonella in Common Feed Stuff in Poultry Ration" Egyptian Vet. Medicine Journal, Vol.33 No. 2 (1985)
8. Evolution of Different Biological Methods in Mycotoxin In Animal Feeds." Zagazig Veterinary, vol. 13, (1986)
9. Effect of Housing System and Population Density on I. S.A. Brown Laying Hens Performance. Zagazig Veterinary Journal, vol.17 No.2 (1989)
10. Effect of Colored Light Environment on Broiler Performance". Zagazig Veterinary Journal, vol.18, (1990)
11. "Epidemiology of Environmental Pathogens In Horse Stable." Banha veterinary Journal, vol. 4, (1990)
12. Influence of Water Hardness on Body Gain. Feed Conversion & Immune Response Of 'Broilers". The New Egypt. J. of Medicine 8,1993
13. Studies on the effectiveness of some commonly used water sanitizers on treatment of water in Beni-Sueif Governorate [Egypt] O.M Zahran, MM Ali, AM Abd-El-Karim, RF Sayed. Veterinary Medical Journal, Cairo Univ. (1993)
14. Chemical & Sanitary Condition of Water Used for Animal in Ismailia Farm. A.R. Of University of King Saud Agriculture Science (1993)
15. The Influence of Enriched Physical Environment on The Performance of Broilers" The New Egypt. J. Of Medicine 8, 1993.
16. "Effect Of flalofuginone as Anticoccidial Agent on Performance and Immune Repose Of Broiler Chicken" J. Egypt. Vet. Med. Ass.,3,1993
17. Effect of litter treatment on broiler performance and litter quality.MM Ali, ST Moubarak, MF Badawy, OK Zahran, ES Badawy Veterinary Medical Journal Giza 48 (2), 309-318
18. Effect of separate-sex rearing on broiler performance, litter quality and immune response. OK Zahran, ST Moubarak, ES Badawy Veterinary Medical Journal Giza 48 (2), 301-307

19. "Effect of different housing systems and route of vaccination on the immune response of birds against avian influenza vaccine" Vet. Med. J., Giza. Vol. 57, No.4. (2009):757-767
20. Effect of Infectious Bursal Disease Field Vaccines on Avian Influenza Vaccination Immunity - Alexandria Journal of Veterinary Sciences. 02/2014; 41:102-108.
21. Sporocidal Activity of some Disinfectants Against Clostridium Perfringens Isolated from Broiler Poultry Litter - Alexandria Journal of Veterinary Sciences. 02/2014; 41:102-108.
22. Inactivation of Avian Influenza Virus using Commercial Chemical Disinfectants in Small Scale Poultry Production - Alexandria Journal of Veterinary Sciences. 02/2014; 41:102-108.
23. Efficacy of disinfectants against Egyptian H5N1 avian influenza virus. MA Rohaim, RF El-Naggar, AM Gamal, E Ismael, MM Hamoud, Hosts and Viruses 2 (5), 80 (2015)
24. Effectiveness of Some Disinfectants Commonly Used in footbaths inside Poultry Farms SAE Nasr, E Ismael, SE Laban, EM Ismail, MM Hamoud, MM Zaki, IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS) Volume 11, 1-6
25. Evaluation of the viricidal efficacy of commercially used disinfectants against Newcastle disease virus. AM Gamal, MA Rohaim, AM Helal, MM Hamoud, MM Zaki, E Ismael,. Bioscience Research 15 (4), 3283-3292
26. Evaluation of the viricidal efficacy of commercially used disinfectants against Newcastle disease virus AM Gamal, MA Rohaim, AM Helal, MM Hamoud, MM Zaki, E Ismael, ...Bioscience Research 15 (4), 3283-3292
27. Efficiency of some sanitizers and disinfectants against biofilms and planktonic cells buildup on cages (galvanized wire) and plastic material (PVC) in poultry farms. MF Abdelaty, SAE Nasr, MM Hamoud, TF Ismail, SE Laban, A Gamal, ... International Journal of Veterinary Science 8 (3), 120-126
28. Persistence of Newcastle Disease Virus Genotype II and Shredded Genotype VII in Poultry Farm Environment F Samir, RF El Naggar, MM Hamoud, MM Zaki, AM Gamal, SE Laban, ...Hosts and Viruses 5 (6), 81
29. Evaluation of moisture percentage and ph scale in relation to survivability of vaccine escape mutant Newcastle disease virus genotype vii in poultry manure. RS Mohamed, RF El Naggar, MM Hamoud, MM Hamoud, AM Gamal, ...Hosts and Viruses 5 (6), 72
30. Emergence and genetic analysis of variant pathogenic 4/91 (serotype 793/B) infectious bronchitis virus in Egypt during 2019 MA Rohaim, RF El Naggar, MM Hamoud, AHI Bazid, AM Gamal, ...Virus genes 55 (5), 720-725
31. Effect of acidified drinking water by organic acids on broiler performance and gut health AM Ali, HM El Agrab, MM Hamoud, AM Gamal, MR Mousa, SAE Nasr, ...Adv. Anim. Vet. Sci 8 (12), 1301-1309
32. Insights into the Genetic Evolution of Duck Hepatitis A Virus in Egypt MA Rohaim, RFE Naggar, MA AbdelSabour, BA Ahmed, MM Hamoud, ...Animals 11 (9), 2741