

Curriculum Vitae C.V.



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Date of birth: January 28th, 1964.

Current Title and job:

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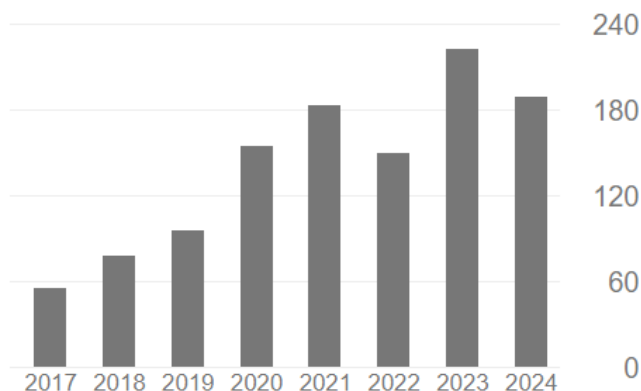
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Scientific degrees:

1-Phylosophy of Doctor (Ph.D., 1997), The Hungarian Academy of Sciences,
Thesis title: “*Humoral immune response to Mycoplasma gallisepticum infection in chickens as studied by the Western blot test.*”

Supervisor: *Prof. Dr. László Stipkovits. (D.Sc.)*; stipkovits@vmri.hu

-Veterinary Medical Research Institute of Hungarian Academy of Sciences, H-1143-Budapest, Hungária krt. 21. Hungary

-Freund Vaccine Institute, RT-Europe Research Center, Mosonmagyaróvár, Hungary

2-Master of Poultry Diseases (M.V.Sc., 1991), Alexandria University. Faculty of Veterinary Medicine,

Thesis title: “*Studies on the fungal infections of broiler chickens*”.

Under Supervision of Prof. Ahmad Aly Samy

3-Bachelor of Veterinary Sciences (B. V. Sc., 1986), Alexandria University, (very good with honor).

The International Training Experience:

1. Laboratory diagnosis on “Chicken Anemia agent.” in 1993

Place: Dept. of Animal Science and Agriculture Biochemistry, College of Agricultural Sciences, Delaware University, Newark, DE19717, USA

Supervisor: *Prof. J. K. Rosenberger.*

2. Laboratory diagnosis on “Detection of Mycoplasma gallisepticum by PCR” in 1996

Place: Dept. of Bacteriology and Mycoplasmology, The National Veterinary and Food Research Center, Central Laboratory for Poultry and Swine Research, CNEVA: Ploufragan, France.

Supervisor: *Dr. Isabelle Kempf.*

3. “Laboratory use of SDS-PAGE and Western Blot for Mycoplasma gallisepticum” in 1994-1997

Place: Veterinary Medical Research Institute, Hungarian Academy of Sciences, Budapest.

Supervisor: *Prof. Stipkovits Laszlo.*

4. Training course on “Veterinary Epidemiology” in 1999

Place: Dept. of Postgraduate Studies in Tropical Veterinary Medicine, Faculty of Vet. Med., Freie University of Berlin, Germany in 1999

3. Training course on “Veterinary Epidemiology” 3 modules

Module 1: Data management (Excel and Stat-graphics)

Module 2: Epidemiology 1 and statistics 1

Module 3: Epidemiology 2 and statistics 2

5. Joint Symposium on Avian Influenza and Newcastle Diseases in Northern Africa and the Middle East, in 28-29 September, 2011

Place: Cairo, organized by FLI and NLQP

Publications

1. Ellakany, H., Katalin Fábrián and Stipkovits, L. (1995): Examination of chickens for presence of *Mycoplasma gallisepticum* antibodies by immunoblot. The 12th Congress of the Hungarian Society for Microbiology, “In the memory of Louis Pasteur”, Budapest, Hungary, 23rd -25th August,

2. **Ellakany, H., Fábíán Katalin and Stipkovits, L.** (1996): Immunoblot examination of humoral response of chickens infected with *M. gallisepticum* at various ages. Volume 4, Program and Abstracts of the 11th International Congress of the International Organization for Mycoplasmaology (IOM), pp. 39. Orlando, Florida, USA July 14th -19th, 1996.
3. **Fábíán Katalin, Ellakany, H and Stipkovits, L.** (1996): Immune response of chickens infected with *Mycoplasma gallisepticum* after treatment with antibiotics. The Annual Meeting of the Hungarian Society for Microbiology, Nyíregyháza, Hungary, 21st -23rd, August.
4. **Ellakany, H., Fábíán Katalin, Németh, I. and Stipkovits, L.** (1996): Demonstration of antibodies produced in both blood serum and respiratory tract washings after infecting chickens with *Mycoplasma gallisepticum* by Western blot. The Annual Meeting of the Hungarian Society for Microbiology, Nyíregyháza, Hungary, 21st -23rd, August.
5. **Ellakany, H., Fábíán Katalin and Stipkovits, L.** (1997): Immunoblot examination of humoral response of chickens infected with *Mycoplasma gallisepticum* at various ages. "Comparative Immunology, Microbiology and Infectious Diseases, 20 (4): 319-33.
6. **Ellakany, H., Fábíán Katalin and Stipkovits, L.** (1997): Study of false positive reaction to *Mycoplasma gallisepticum* after immunization of chickens with killed vaccines against viral and bacterial infections. Abstracts of the XIth Congress of WVPA, pp. 91. Budapest, Hungary, 18th - 22nd August.
7. **Fábíán Katalin, Ellakany; H., Németh, I. and Stipkovits, L.** (1997): Western blot examination of sera from *Mycoplasma* infected and vaccinated goslings. Abstracts of the XIth Congress of WVPA, pp. 279. Budapest, Hungary, 18-22 August.
8. **Ellakany, H., Katalin Fábíán and L. Stipkovits** (1997). Utilisation of Western Blot in serology of *Mycoplasma gallisepticum* (MG). The 2nd Congress of the Veterinary Medicine, University of Alexandria, Alexandria, Egypt, October 7-9, Volume 13 (7):841-846.
9. **Ellakany, H.; Rashwan, A.; El Ebeedy, A. A. and L. Stipkovit, L.** (1997). Antibiotic resistance of avian mycoplasma strains isolated in Egypt. The 2nd Congress of the Veterinary Medicine, University of Alexandria, Alexandria, Egypt, October 7-9. Volume 13 (7):847-850.
10. **Ellakany, H., Fábíán Katalin, Németh, I. and Stipkovits, L.** (1998): Antibody response detected by immunoblot in respiratory tract washings of chickens after infection with *Mycoplasma gallisepticum*. Avian Pathology, 27, 547-554.
11. **Khalil, S. and Ellakany, H.** (2000). Molecular detection of IBDV in commercially reared chickens using reverse transcriptase / PCR restriction endonuclease assay. The first Scientific Congress of the Fac. Vet. Med., Menofia University, Sadat city.
12. **Hatem S. Abd-El-Hamid; A.B.A. Bekhit; A.R. Shakshouk, Ellakany, H.; Metwally, H.M.S. and Eid G.S. Hussein** (2000). Evaluation of some vaccination programmes used against infectious bursal disease in commercial broilers in northern delta governorates: 1. Programs adopted in the field for the control of vvIBD in broiler flocks. The Proceeding of the first Scientific Conference, Ismaillia of Suez Canal Veterinary Medical Journal, vol. 3 (2): 791-809.
13. **Sabria B. Abou El-Soud and Ellakany, H.** (2001). Prophylactic effect of garlic against aflatoxicosis in Japanese quail. Alexandria J. of Vet. Sciences, 17(1): 97-117.
14. **Ellakany, H.; K.I. Abou El-Azm, and H.S. Abd El-Hamid** (2001). Evaluation of vaccination with live-in-killed vaccine against Newcastle disease (ND). The 2nd International Scientific Conference, Mansura University, Fac. Vet. Med., In cooperation with University of Rome "Tor

Vergata, Italy, University of Sassari, Saaari, Italy and Scientific Attache-Italian Embassy in Cairo. Mansura, 8-9 April, 2001. p. 837-850.

15. Ellakany, H. and Gaafar, H. (2002). Effect of combined aflatoxicosis and ochratoxicosis on immunological, biochemical and histopathological measurements in broilers. The 6th Scientific Veterinary Medical Conference of Zagazig Univ., 7-9th September, 2002, Hurghada, Egypt, p. 43.

16. Ellakany, H.; Azza El-Sebai; Sultan, H. and Sami A.A.A. (2002). Control of Experimental DHV infection by Amantadine. *The 6th Scientific Veterinary Medical Conference of Zagazig Univ., 7-9th September, 2002, Hurghada, Egypt, p. 757.*

17. Ellakany, H.; Awad, A.M.; Iman Abd El-Aziz; Abd El-Hamid H.S. & Bekhit, A.A. (2003). Immunological and pathological effects of single & mixed *S. enteritidis* and *M. gallisepticum* infection in chickens. The 3rd International Scientific Conference, *Mansoura Univ. and University of Torvergata, Italy. Mansura, 29-30 April. p. 91-109.*

18. Hatem S. Abd El-Hamid, Abd El- Halim Mohamed Hegazy and Ellakany, H. (2003). Epidemiology of Salmonella in broiler chicken farms. *Mansoura Univ. The 3rd International Scientific Conference, Mansoura Univ. and University of Torvergata, Italy. Mansura, 29-30 April, 2003. p. 55-89.*

19. Bekhit, A.A.; Ellakany, H.F.; Abd El-Hamid, H.S. Awad, A.M. and Atia Neveen. (2003). Investigations on swollen head syndrome in broiler flocks. *Alexandria J. of Vet. Sciences, 19(1): 117-135.*

20. El-Ashmawy, I.M.; Ellakany, H.F. and Salama, O.M. (2003). Efficacy of Myrrh in comparison with anticoccidial drug Diclazuril on performance of broiler chicks. The Proceeding of the 6th Congress of the European Association for Clinical Pharmacology and Therapeutics. Istanbul, June 24-28.

21. H.F. Ellakany; M.S.H. Rezk; A.M. Awad; and H.S. Abd El-Hamid. (2004). The role of probiotic and acidifier in the protection against experimental infection of Salmonella enteritidis in broiler chickens. The First International Conference of the Veterinary Research Division of The National Research Center, Cairo, 15-17 February, p.181-194.

22. Massoud, A.M.; I.M. El-Ashmawy; H.F. Ellakany and O.M. Salama (2004). Comparison between the efficacy of Myrrh and Diclazuril as an anticoccidial drugs on performance of broilers. The First International Conference of the Veterinary Research Division of The National Research Center, Cairo, 15-17 February, p.195-205.

23. Ahmed, A.A.S.; Awad, A.M.; Abd El-Hamid, H.S.; and Ellakkany, H.F. (2004). Evaluation of the protective efficacy of herpesvirus of turkey vaccine for immunization of day-old commercial broiler chicks against Marek's disease. 1. Clinicopathological and immunological responses of immunized chickens to challenge with a local wild Marek's disease virus. The 6th Sci. Conf. of the Egyptian branch of the WVPA, Cairo, Sept. 25-27. Cairo, p. 17.

24. Awad, A.M.; H.S. Abd El-Hamid; H. F. Ellakkany; A.A. Sami Ahmed and S.El-Manakhly (2004). Evaluation of the protective efficacy of herpesvirus of turkey vaccine for immunization of day-old commercial broiler chicks against Marek's disease. 2. Sequential gross and histopathological changes as well as mean lymphoid organ to bodyweight ratios following challenge at different age-intervals with a local wild Marek's disease virus isolate of broiler chickens unimmunized and immunized with

herpesvirus of turkey (HVT) vaccine at one day of age. The 6th Sci. Conf. of the Egyptian Branch of the WVPA, Cairo, Sept. 25th -27th , p. 44.

25. Abd El-Hamid, H.S.; Torkey, H.A.; Al-Shaboury, F.A.; Meran M.A. Sleim; Ellakany, H.F. and Awad, A.M. (2004). Incidence of salmonella infection in broilers and comparison between PCR and bacteriological method for diagnosis. The 6th Sci. Conf. of the Egyptian branch of the WVPA, Cairo, Sept. 25th -27th , p. 273.

26. Awad, A.M.; H. F. Ellakkany; A. E. Eid and H.S. Abd El-Hamid. (2004). Case report: Avian Leukosis virus subgroup-J (ALV-J) infection in broiler breeder chickens. The 6th Sci. Conf. of the Egyptian branch of the WVPA, Cairo, Sept. 25th -27th , p. 77-88.

27. Abd El-Hamid, H.S.; Torkey, H.A.; Al-Shaboury, F.A.; Meran M.A. Sleim; Ellakany, H.F. and Awad, A.M. (2004). Epidemiological studies on salmonellosis in poultry. Proc. Of The 4th Conference of Fac. Vet. Med., Alexandria University. p. 294.

28. Ahmed, Aly Sami Ahmed, Ashraf Mohamed Awad, Hatem Salah Edin Abd El-Hamid, Hany Ellakany and Sayed El-Manakhly (2005). Evaluation of the protective efficacy of commercial cell-free herpesvirus of turkey (HVT) vaccine in commercial broiler chicks against vv MDV challenge. The 14th WVPA Congress, Exhibition, 2nd -6th August, Istanbul, Turkey.

29. Abd El-Hamid, H.S.; Ellakany, H.F.; Hussien, A.F. (2006). Incidence of Salmonella infection in chickens in Libya. The 4th Conference of Fac. Vet. Med., Suez Canal Univ. Ismaillia, Fayed, 21st-23rd November.

30. Awad, A.M.; H.S. Abd El-Hamid; H. F. Ellakany; and A.A. S. Ahmed. (2006). Effect of challenge with local isolate of wild type Marek's disease on the rate of antigen detection in the feather follicle epithelium of serotype-1 Rispense-vaccinated commercial broiler chickens. The 12th Scientific Congress of the Fac. Vet. Med., Assiut University, 10th-12th December.

31. El-Ashmawy, I.M. and Ellakany, H.F. (2007). Efficacy of a Novel Copper (I) Nicotinic Acid Complex on the Immune Response and Performance of Broiler Chickens Vaccinated Against Newcastle and Infectious Bursal Diseases. Alexandria, Journal of Vet. Sciences, 26 (1): 135-151.

32. Ellakany, H.F.; Attia, Y.A.; Abd EL-Hamid, A.E.; Awad, S.; El-Ashmawy, I.M. and Nehal Berto (2007). Effect of adding Ginseng on some immunological, physiological and productive parameters in broiler chickens. The 5th International Scientific Conference, Mansoura Univ. and Teramo University, Italy. Mansura, 10th -11th April.

33. Ellakany HF, Abu El-Azm IM, AA Bekhit, MM Shehawy (2007). Studies on the effects of enrofloxacin overdose on different health parameters in broiler chickens. Beni Suef. Vet. Med. J., 5th Scientific Conference, p. 176-186.

34. Ellakany, H.F. ; Awad, A. M.; Abd EL-Hamid, S. H. (2008). A contribution to the usage of tylosin tartrate during brooding broiler chicks for the control of vertically transmitted mycoplasma gallisepticum. The 8th Scientific conference of the Egyptian Vet. Poultry Association, March 10-13.

35. Abd El-Hamid, H.S.; Ellakany, H.F.; Abu El-Azm, I.M.; and Radwan, M.H. (2008). Evaluation of the efficacy of several salmonella vaccines on fecal shedding and colonization of Salmonella enteritidis in commercial layer chickens. The 8th Scientific conference of the Egyptian Vet. Poultry Association, March 10-13.

- 36. Somaia S. Abuakkada; Ellakany, H.F.(2008).** Sensitivity of two field isolates of E. tenella from broiler chickens to salinomycin and diclazuril in a battery trial. The 13th Conf. of Fac. Vet. Med., Assuit University, 23-25th November.
- 37. Hatem S Abd El-Hamid1, Madiha S Ibrahim, Hany F Ellakany, Yohei Watanabe, Kazuyoshi Ikuta (2009).** Molecular characterization of highly pathogenic avian influenza virus (H5N1) in Egypt. **The 7th International Symposium on Avian Influenza, Avian Influenza in Poultry and Wild Birds. April, 5th -8th Georgia, USA, (Poster Presentation).**
- 38. Ellakany, H.F.; Attia, Y.A. ; Abd El-Hamid, A.E. , Sherihan Ghazaly (2009).** Control of Salmonella enteritidis infection in male layer chickens by different feed additives. **The 5th Scientific Conference of the Fac. Vet. Med., 16-18 March, Alexandria. Alex. J. Vet. Sci., 28 (1): 157-169.**
- 39. Abd El-Hamid, H.S.; Basma Abd El-Halim; Ellakany, H.F. and Okeila M. (2009).** Studies on Mycoplasma gallisepticum isolated from chicken flocks. The 5th Scientific Conference of the Fac. Vet. Med., 16-18 March, Alexandria. Alex. J. Vet. Sci., 28 (1): 171-182.
- 40. Ellakany, H.F.; Somaia S. Abuakkada, Samah S. Oda (2009).** Impact of Interaction Between Aflatoxicosis and Cecal Coccidiosis on Broiler Chickens. Kafr'El-Sheikh, Vet. Med. J., 3rd Sci. Congress. 10-12 May, pp. 1026-1046.
- 41. Ellakany, H.F.; Rayhan, E.A.; Awad, A.M.; Abd El-Hamid, H.S. (2009).** The effect of antibiotics and acidifier treatment on the count of Lactobacillus sp., E. coli, and Clostridium sp. in the intestine of chickens. Kafr El-Sheikh, Vet. Med. J., 3rd Sci. Congress. 10-12 May, pp. 406-429.
- 42. Ellakany, H.F. and Hegazy, A.M. (2009).** Evaluation of the immune response to *Salmonella enteritidis* infection and vaccination using immunoblotting and microtiter serum plate agglutination test. Kafr El-Sheikh, Vet. Med. J., 3rd Sci. Congress. 10-12 May 2009, pp. (530-546).
- 43. Abd El Hamid H.S., Awad A.M., Abou Rawash A.A., Ellakany H.F and Ebrahim H.H. (2009).** Detection of reticuloendotheliosis virus as contaminant of fowl pox vaccines. The 16th Congress of The WVPA, November 9th-12th, Marrakesh, Morocco.
- 44. Abd El Hamid, E.A.; Youssef, A. Attia, Hany F. Ellakany; and Sherihan A. Ghazaly (2009).** Effect of acetic acid supplementation on some productive and physiological traits of Japanese quails. *The 2nd Mediterranean Summit of WPSA, October, 4-7, Antalya, Turkey.*
- 45. Adel M.A., Khalil S., Ellakany H. and Abdelwanis N.A. (2010).** Comparative Study on Three Different Imported Isolates of Avian Influenza Virus. Alex. J. Vet. ,Sci., Vol. 31, no. 1. pp. 107-114.
- 46. Awad A.M. , Ellakany H.F., Abd El Salam A.S. and Abd El Hamid H.S. (2011).** Phylogenetic Analysis of Highly Pathogenic Avian Influenza (HPAI-H5N1) Virus Isolated During 2009- 2010 In Egypt. Alex. J. Vet. ,Sci., Vol. 32, No. 1. pp. 81-99.
- 47. Ibrahim MS, Watanabe Y, Ellakany HF, Yamagishi A, Sapsutthipas S, Toyoda T, Abd El-Hamied HS, Ikuta K. (2011).** Host-specific genetic variation of highly pathogenic avian influenza viruses (H5N1). Virus Genes, vol. 42: 363-368.

48. **Yohei Watanabe, Madiha S. Ibrahim, Hany F. Ellakany, Hatem S. Abd El-Hamid and Kazuyoshi Ikuta (2011).** Genetic diversification of H5N1 highly pathogenic avian influenza A virus during replication in wild ducks. *Gen Virol J*, vol. 92:2105-10.
49. **Watanabe Y, Ibrahim MS, Ellakany HF, Kawashita N, Mizuike R, Hiramatsu H, Sriwilaijaroen N, Takagi T, Suzuki Y, Ikuta K (2011).** Acquisition of Human-Type Receptor Binding Specificity by New H5N1 Influenza Virus Sublineages during Their Emergence in Birds in Egypt. *PLoS Pathogen*. Volume 7 | Issue (5): 1-19.
50. **Ellakany H.F. ;Awad . A.M and Abdel-Baky K.M. (2011).** Comparison of the effect of three different anti-mycotoxin substrates on resistance to aflatoxins in broilers. *Alexandria J. Vet. Sci.*, Vol. 32, No.1.pp. 119-135.
51. **Hany F. Ellakany, Somaia S. Abuakkada, Samah S. Oda and Yasser Said El-Sayed (2011).** Influence of low levels of dietary aflatoxins on *Eimeria tenella* infections in broilers. *Tropical Animal Health and Production*, 43: p. 249-257, pp.
53. **Ashraf M. Awad, Hany F. Ellakany, Hanan S. Elsamahy and Hatem S. Abd El-Hamid (2012.)** Epidemiological studies on highly pathogenic avian influenza H5N1 during late 2009 and 2010 in Egypt *Alexandria J. Vet. Sci.*, Vol. 35, No. 1,pp. 41-54.
54. **Watanabe Y, Ibrahim MS, Ellakany HF, Kawashita N, Daidoji T, Takagi T, Yasunaga T, Nakaya T, Ikuta K. (2012).** Antigenic analysis of highly pathogenic avian influenza virus H5N1 sublineages co-circulating in Egypt. *J Gen Virol*. 93:2215-26.
55. **Amir A Fekry, Samy Khalil and Hany F Ellakany (2012).** Molecular Diagnosis Of Infectious Bursal Disease Virus (IBDV) In Broilers. *Zag. Vet. J. Vol. 40 No.(5) pp. 1 -23.*
56. **Ashraf M. Awad, Hany F. Ellakany and Ahmed H. Salah-Eldin (2012).** Epidemiological Studies on highly pathogenic avian influenza H5N1 during late 2010 and 2011 in Egypt. *Alexandria J. Vet. Science*, Vol. 37(1): (331--336.).
57. **Attia YA, Ellakany HF, Abd El-Hamid AE, Fulvia Bovera and Ghazaly SA (2012).** Control of *Salmonella enteritidis* infection in male layer chickens by acetic acid and/or prebiotics, probiotics and antibiotics. *Arch.Geflügelk.*, 76 (4): 239- 245.
58. **Youssef A. Attia, Abdul E. Abd El-Hamid, Hany F. Ellakany, Fulvia Bovera, Mohammed A.Al-Harathi, Sharehan A. Ghazaly (2013).** Growing and laying performance of Japanese quail fed diet supplemented with different concentrations of acetic acid. *Italian Journal of Animal Science*; volume 12 (37): 220-230.
59. **Ayman E. Taha, Mohamed A. El-Edel, Hany F. Ellakany and Ramadan S. Shewita (2012).** Growth Performance and Immune Response Against Newcastle and Avian Influenza Vaccines in Egyptian Chicken Strains. *Global Veterinaria*, 9 (4): 434-440.
60. **Attia YA, Ellakany HF, Abd Al-Hamid AE, Al-Saffar AA, Hassan RA, Mohamed NA. (2013).** Capability of different non-nutritive feed additives on improving productive and physiological traits of broiler chicks fed diets with or without aflatoxin during the first 3 weeks of life. *J Anim Physiol Anim Nutr (Berl)*. (4):754-72.
61. **Akeila, M.A.; Ellakany, H.F.; Sedik, M. E., and Behar, H.M. (2013).** Characterization and Plasmid Profiling of *Salmonella Enteritidis* Isolated from Broiler Chickens. *Alexandria Journal of Veterinary Sciences* 2013, 39:99-105.

- 62. Abd El-Hamid H.S.1, Ahmed H.A.2, Sadek K.M.3, El-Bestawy A.R.1, Ellakany H.F.(2014).** Impact of Serratiopeptidase Treatment on Performance and Health Parameters in Broiler Chickens. *Int. J. Pharm. Sci. Rev. Res.*, 26 (2); Article No. 16, Pages: 84-90.
- 63. Soliman, M.K., Ellakany, H.F., Gaafar, A.Y., Elbialy, A.K., Zaki, M.S. and Younes, A.M. (2014).** Epidemiology and antimicrobial activity of methicillin-resistant *Staphylococcus aureus* (MRSA) isolated from Nile tilapia (*Oreochromis niloticus*) during an outbreak in Egypt. *Life Science Journal*, 11(10): 1245-1252.
- 64. Samy A. Khalil, Hany F. El-Lakany, Heba M. Shaaban (2014).** Laboratory Differentiation between *Streptococcus* Species Isolated from Different Sources. *Alexandria Journal of Veterinary Sciences*. 43 (1): 37-44.
- 65. Abd El-Hamid H.S.; Ellakany, H.F.; El-Bestawy, A.R. and Abd El-Halim, B.A. (2014).** Incidence of *Mycoplasma Synoviae* in chicken flocks in 3 governorates during 2013 by PCR. 12th Scientific congress (4th international) 25-28th October, 2014 (Alexandria), p.: 35
- 66. Abd El-Hamid HS; Ellakany HF; Okeila MA & Abd El-Halim BA (2014).** Isolation and Molecular Detection of *M. gallisepticum* F vaccine Like Strains from Chicken Flocks Suffering from Respiratory Problems in Egypt. The 12th Scientific congress (4th international) 25-28th October, 2014 (Alexandria), p.: 36.
- 67. Ebeed A Saleh, Hany F Ellakany, Ali H El-Far, Kadry S, Ahmed R Elbestawy and Asmaa S Elbohy (2015).** Meat Quality and Biochemical Parameters Related to Human Health under Organic Broiler Production. *Global Veterinaria* 14 (3): 409-417.
- 87. Abd El-Hamid Hatem Salah-Eldin, Ellakany Hany Fawzy, Bekhit Ahmed Aboelmagd, Elbestawy Ahmed Ragab and Bedawy Shaimaa (2015).** Clinical and Laboratory Studies on Chicken Isolates of *Clostridium Perfringens* in El-Behera, Egypt. *Journal of World's Poultry Research*. (JWPR) 5(2): 21-28, June 25.
- 69. Heba S. Wheeb, Eman K. Bazh, Abdelrahman Aborwash and Hany Ellakany (2015).** Some Helminthes Parasites Infecting Wild Birds at Edko, Behira Province, Egypt. *Alexandria Journal of Veterinary Sciences* 2015, 47: 65-70.
- 70. Abd El-Hamid HS, Ellakany HF, Awad AM, El-Bestawy AR (2015).** Experimental Infection of layer chickens with Egyptian isolates of *Gallibacterium anatis*. The XIXth Congress of the WVPA, South Africa, Cape Town, 7-11 September, p.: 155 of the Abstract book, Poster Titles.
- 71. Abd El-Hamid HS, Ellakany HF, Awad AM, El-Bestawy AR (2015).** The first isolation and identification of *Gallibacterium anatis* from chickens in Egypt. The XIXth Congress of the WVPA, South Africa, Cape Town, 7-11 September, p.: 155 of the Abstract book, Poster Titles.
- 72. Attia YA, Abd Al-Hamid AE, Allakany HF, MA Al-Harhi (2016).** Necessity of continuing of supplementation of non-nutritive feed additive during days 21–42 of age following 3 weeks of feeding aflatoxin to broiler chickens. *Journal of Applied Animal Research*, Volume 44, Issue 1:1-12.
- 73. HF Ellakany, AA Bekhit, AR Elbestawy, Bedawy Shaimaa (2015).** Pathogenicity and antibiotic sensitivity of *Clostridium perfringens* isolates from chickens in El-Behera governorate, Egypt. *Life Science Journal*, vol. 12 (5), 174-185.
- 74. Doaa M. Barakat, Ali H. El-Far, Kadry M. Sadek, Usama E. Mahrous, Hany F. Ellakany, Mervat A. Abdel-Latif (2016).** Anise (*Pimpinella anisum*) Enhances the Growth Performance, Immunity and

Antioxidant Activities in Broilers. Int. J. Pharm. Sci. Rev. Res., 37(2), March – April 2016; Article No. 24, Pages: 134-140.

75. Reem Alnahass, Samy A. Khaliel, Hany F. Ellakany, Madiha S. Ibrahim (2016).

Comparison between Bacteriological Isolation and Molecular Detection of E. coli from Chickens Suffering from Colibacillosis and/or Diarrhea. *AJVS*, 49(2): 141-148.

76. Hussein EGS, Ellakany FH, Bkheet AA (2016). The effect of Salmonella paratyphoid infection on immune response to Avian Influenza vaccine in ducks. The 3rd conference of the Scientific Association of Animal Health Research Institute, 10-13/3/2016, pp: 71-82.

77. Elbestawy A.R., Eman Khalifa, Sadek K.M., Ahmed H.A. and Ellakany H.F. (2016). The protective Effects of Volatile Oils against Complicated Chronic Respiratory Disease (CCRD) in Chickens. *Journal of American Science*, 12 (6): 49-56.

78. Mohamed N. Abd El Aziz, Hatem S. Abd El-Hamid, Hany F. Ellakany, Soad A. Nasef, Sherif M. Nasr, Ahmed R. El Bestawy (2016). Biological and Molecular Characterization of Newcastle Disease Virus Circulating in Chicken Flocks, Egypt, During 2014-2015. *Zagazig Veterinary Journal* Volume 44, Number 1 (June), p. 9-20.

79. Mahmoud Alquttor1, Hany F. Ellakany2 and Madiha Salah Ibrahim1 (2016). Pigeon-Derived Highly Pathogenic Avian Influenza Virus H5N1 in Japanese Quails. *Alexandria Journal of Veterinary Sciences* 2016, July. 50 (1): 109-114

80. Abdel Hamid H.S.; Ellakany H.F.; Hussien H.A.; El-Bestawy, A.R.; Abdel Baky K.M. (2016). Pathogenicity of an Avian Influenza H9N2 Virus isolated From Broiler Chickens in Egypt. *AJVS*. Vol. 51(2): 90-100.

81. Abd El-Hamid, Hatem S.; Ellakany, Hany F.; Bekheet, Ahmed A.; Elbestawy, Ahmed R.; Mataried, Nahla (2016). Pathogenicity of Ten Gallibacterium Anatis Isolates in Commercial Broiler Chickens. *Alexandria Journal of Veterinary Sciences*. April, 2016, Vol. 49 Issue 2, p42-49. 8p.

82. Hatem S. Abd El-Hamid1 , Hany F. Ellakany1 , Elkholia S.Z.2 , Ahmed R. Elbestawy1 , Eman R. Diab (2016). Incidence of Avian Nephritis and Infectious Bronchitis Viruses in Broilers in Egypt. *AJVS*. Vol. 51(2):36-47.

83. Rasha G Tawfik, Samy A Khalil, Hany F Ellakany, Helmy A Torky (2016). Mycoplasma Synoviae and other Associated Bacteria Causing Arthritis in Chicken. *Alexandria Journal of Veterinary Sciences Journal*, Volume 49 (2): 163-169).

84. Ellakany, Hany F.; Elsamadony, Hanaa A.; Elbestawy, Ahmed A.; Ismael, Heba Allah S. (2017). Clinical, Biochemical and Histopathological Alteration in Broiler Chickens Experimentally Infected with H9N2 Avian Influenza Virus During Aflatoxicosis. *Alexandria Journal of Veterinary Sciences*. Vol. 53 Issue 1, p131-137.

85. Abd El-Hamid, H. S.; Ellakany, H. F.; Rizk, M. S.; Elbestawy, A. R.; Abdelfatah, S. I (2017). Effect of Combined Clostridium perfringens Infection and Aflatoxicosis in Broiler Chickens. *Alexandria Journal for Veterinary Sciences* . Vol. 52 Issue 1, p15-27. 13p.

86. Hoda A. Abd-Ellatieff , Abdel-Rahman A. Abou -Rawash, Hany F. Ellakany and Tokuma Yanai (2017). Th1 and Th2 Cytokines Activity during Transformation and Lymphoma Formation Stage in Chicken Naturally Infected with Marek's disease virus. *IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS)*e-ISSN: 2319-2380, p-ISSN: 2319-2372. Volume 10, Issue 1 Ver. I (January. 2017), PP 72-80.

- 87. May K. Zaghloul, Emad M. Al-Ebshahy, Samy A. Khaliel, Hany F. Ellakany (2017).** Molecular Identification of Beta-Lactamase-Producing Salmonella Enteritidis from Broiler Chickens. Alexandria Journal of Veterinary Sciences AJVS. Vol. 55 (1): 204-209.
- 88. Hany Ellakany, Abd El-Hamid El-Sayed, Fadia Soliman, Ahmed Elbestawy (2017).** The Effect of Fermented Wheat Germ Extract on Biochemical, Physiological and Performance Parameters of Broiler Chickens. AJVS; 55(2): 91-97.
- 89. Hatem S. Abd El-Hamid, Hany F. Ellakany, Ahmed R. Elbestawy and Abd Elkader M. Abd Elkader (2017).** Highly Pathogenic Avian Influenza H5N1 in Chickens in Upper Egypt. Zagazig Veterinary Journal, Volume 45, Number 4 (December), p. 376-385.
- 90. Hoda A. Abd-Ellatieff, Abdelrahman A. Abou Rawash, Hany F. Ellakany, Wael M. Goda, T. Suzuki & Tokuma Yanai (2018).** Molecular characterization and phylogenetic analysis of virulent Marek's disease virus field strain in broiler chickens in Japan. Avian Pathology, vol. 47(1):47-57.
- 91. Ahmed R. Elbestawy, Hany F. Ellakany, Hatem S. Abd El-Hamid, Ahmed A. Bekheet, Nahla E. Mataried, Sherif M. Nasr, and Nadim M. Amarin (2018).** Isolation, characterization, and antibiotic sensitivity assessment of Gallibacterium anatis biovar haemolytica, from diseased Egyptian chicken flocks during the years 2013 and 2015. Poultry Science, Volume 97, Issue 5, 1 May 2018, Pages 1519–1525
- 92. Hatem S. Abd El-Hamid, Hany F. Ellakany, Ahmed R. Elbestawy, Abdalla A. Seliem, Hazem S. Khalil (2018).** In Vitro Antiviral Activity of Commercial Products of Herbal Extracts Against Highly Pathogenic Avian Influenza (H5N1) Virus. Alexandria Journal of Veterinary Sciences, AJVS. Vol. 56 (1): 145-152.
- 93. El-Hamid, H. S. A.; Ellakany, H. F.; Elbestawy, A. R.; Gado, A. R. (2018).** Molecular characterization of H9N2 avian influenza viruses isolated from commercial broiler chickens in Egypt during 2014-2015. Alexandria Journal of Veterinary Sciences, 56 (2): 54-61.
- 94. Hatem S. Abd El-Hamid, Hany F. Ellakany, Ahmed A. Bekhit, Ahmed R. Elbestawy, Mahmoud S. Elshafey (2018).** Effect of Mixed Experimental Infection With Gallibacterium Anatis And Mycoplasma Gallisepticum on Performance Of Broiler Chickens. Alexandria Journal of Veterinary Sciences, AJVS, 2018; 57(1): 87-97.
- 95. Jean Artois, Carla Ippoliti, Annamaria Conte, Madhur S. Dhingra, Pastor Alfonso, Abdelgawad El Tahawy, Ahmed Elbestawy, Hany F. Ellakany and Marius Gilbert (2018).** Avian influenza A (H5N1) outbreaks in different poultry farm types in Egypt: the effect of vaccination, closing status and farm size. BMC Veterinary Research (2018) 14:187.
- 96. Mohamad T Farran, Hany F Ellakany, Houssam A Shaib and Habib M Majed (2018).** Evaluation of Antibiotics to Control Mycoplasma gallisepticum in Broiler Breeder Chickens. Poultry, Fisheries & Wildlife Sciences, Vol 6(1): 191.
- 97. Hany F. Ellakany, Ahmed R. Gado, Ahmed R. Elbestawy, Hatem S. Abd El-Hamid, Hafez M. Hafez, Mohamed E. Abd El-Hack, Ayman A. Swelum, Abdullah Al-Owaimer and Islam M. Saadeldin (2018).** Interaction between avian influenza subtype H9N2 and Newcastle disease virus vaccine strain (LaSota) in chickens. BMC Veterinary Research (2018) 14:358 1-10.
- 98. Abd El-Hamid HS, Ellakany HF, Elbestawy AR & Setta AM. (2018).** The Combined Use of rHVT-H5 and rHVT-F Vector Vaccines in the Hatchery Enhances Immunity against Highly

Pathogenic Avian Influenza H5N1 and Velogenic Newcastle Disease Viral Infections in Commercial Chickens. Poultry Science Journal, 6(2): 165-171.

99. Hatem S. Abd El-Hamid, Hany F. Ellakany, Madiha S. Ibrahim, Abd El-naby Y. Tahoun, Ahmed R. Elbestawy, Hosam K. Elgohary (2018). Evaluation of Protection Spectrum Provided Against Two Infectious Bronchitis Virus Isolates Using Some Commercially Available Vaccines. Alexandria Journal of Veterinary Sciences, AJVS. Vol. 57 (1): 98-105. April

100. Rasha Tawfik¹, Samy Khalil¹, Hany Ellakany², Helmy Torky¹, Gaber. S. Abdellrazeq¹, Mohamed Abumandour³, Nahed El-Shal (2018). Molecular Characterization of Mycoplasma synoviae Isolated from the Respiratory System and Joints of Chickens with Special Reference of v_lhA Gene. Alexandria Journal of Veterinary Sciences, AJVS. Vol. 59 (1): 57-68 Oct. 2018. www.alexjvs.com

101. Ellakany, H.F., Abd El-Hamid, H. S., Nasef , S. A., Elbestawy¹ , A. R., Nasr³ , S.M., Abd El Aziz² , M. N., Gado¹ , A. R., Zedan⁴ , R. E., Yonis, A. E.(2019). Evaluation of the protection of commercial live and inactivated NDV vaccines against Newcastle virus genotype VII_d circulating in the field. Damanhour Journal of Veterinary Sciences, 1: 17–20.

102. Ellakany H F, Elbestawy A R, Abd-Elhamid H S, Gado A R, Nassar A A, Abdel-Latif I I, Abo Ghanima M E, Abd El-Hack A A, Swelum I M, Saadeldin HA, Ba-Awadh AN, Alowaimer MA (2019). Effect of experimental Ornithobacterium rhinotracheale infection along with live infectious bronchitis vaccination in broiler chickens. Poultry Science, vol. 98, Issue 1: January 2019, Pages 105–111.

103. Ellakany, AE, Abd El-Hamid, HS, Bekhit, AA, Elbestawy, AR, Abou-Ellif AS, Gado, AR (2019): Effect of mixed experimental infection with *Ornithobacterium rhinotracheale* and *Mycoplasma gallisepticum* in broiler chickens. Alexandria Journal of Veterinary Sciences, 61 (1): 168-178. DOI: 10.5455/ajvs.297431

104. Abdelfattah H.Eladl, Asmaa A. Alzayat, Hanaa S.Ali, Hanan A.Fahmy, Hany F. Ellakany (2019). Comparative molecular characterization, pathogenicity and seroprevalence of avian influenza virus H9N2 in commercial and backyard poultry flocks. Comparative Immunology, Microbiology and Infectious Diseases, Volume 64, June 2019, Pages 81-89.

105. Ahmed E. Eid, Hoda A. Abd-Ellatieff, Hany. F. Ellakany, Abdel-Rahman. A. Abou - Rawash and Hatem S. AbdEl-Hamid. (2019). Studies on tumor disease viruses in chickens in Egypt. AJVS. 60(1): 184-195.doi:10.5455/ajvs.285162

106. Katinka Bekó, Zsuzsa Kreizinger, Kinga M.Sulyok, Áron B.Kovács, DénesGróznér, Salvatore Catania, JanetBradbury, InnaLysnyansky, Olusola MartinsOlaogun, BélaCzanik, Hany Ellakany, MiklósGyuranecz (2019). Genotyping Mycoplasma gallisepticum by Multilocus Sequence Typing. Veterinary Microbiology, Volume 231, April 2019, Pages 191-196.

107. Mahmoud E. Sedeik, Nahed A. El-shall, Ashraf M. Awad, Hatem S. Abd-Elhamid, Hany F. Ellakany, Abeer F. El-nahas and Wael K. Elfeil (2019). Identifying Intra-Specific Variability in the Virulence of *Eimeria tenella* Using SCAR Markers. International Journal of Poultry Science, Volume 18 (4): 151-158.

108. Ahmed R. Elbestawy, Hany F. Ellakany, Hatem S. Abd El-Hamid, Rasha E. Zedan, Ahmed R. Gado and Mahmoud E. Sedeik, Mohamed E. Abd El-Hack, Islam M. Saadeldin, Abdullah N. Alowaimer, Hani A. Ba-Awadh and Ayman A. Swelum (2019). Muscovy ducks

infected with velogenic Newcastle disease virus (genotype VIIId) act as carriers to infect in-contact chickens. *Poultry Science*, vol. 2019 Oct 1: 98(10):4441-4448. doi: 10.3382/ps/pez276.

109. Hany F. Ellakany, Ahmed R. Elbestawy, Hatem S. Abd El-Hamid, Rasha E. Zedan, Ahmed R. Gado , Ayman E. Taha, Mohamed A. Soliman, Mohamed E. Abd El-Hack, Ayman A. Swelum, Islam M. Saadeldin, Hani Ba-Awadh and Elsayed O.S. Hussein (2019). Role of Pigeons in the Transmission of Avian Avulavirus (Newcastle Disease-Genotype VIIId) to Chickens. *Animals*, 9, 338-353; doi:10.3390/ani9060338.

110. Hany F. Ellakany, Hatem S. Abd-Elhamid, Ibrahim MS, Nagwa S. Mostafa, Ahmed R. Elbestawy, Ahmed R. Gado (2019). **Isolation, Serotyping, Pathogenicity and Antibiotic Sensitivity Testing of Escherichia Coli from Broiler Chickens in Egypt.** *AJVS*. Vol. 61 (2): 45-51. DOI: 10.5455/ajvs.10916.

111. Ahmed R. Gado , Hany F. Ellakany , Ahmed R. Elbestawy , Mohamed E. Abd ElHack , Asmaa F. Khafaga , Ayman E. Taha , Muhammad Arif , Samir A. Mahgoub (2019). Herbal medicine additives as powerful agents to control and prevent avian influenza virus in poultry – a review. *Annals of Animal Science*, 19, (4): 905–935. DOI: 10.2478/aoas-2019-0043.

112. Hagag, S.Y., Abd El-Hamid , H.S., Arafa, A.M., Ellakany, H.F., Elbestawy, A.R., Abd Salaheldin, A.H., Gado, A.R. (2019). Genetic Analysis of Highly Pathogenic Avian Influenza H5N1 in West Delta Governorate. *Damanhour Journal of Veterinary Sciences* 2 (1), 1–6. DOI: 10.21608/djvs.2019.48002.

113. Ellakany, H.F., Elbestawy, A.R., Ahmed Sayed-Ahmed, Elgamal, S.M., Gado, A.R. and Abd El-Hamid, H.S. (2019). Genetic point mutation inducing antigenic drift in hypervariable region of a very virulent IBDV isolate in chickens in Egypt during 2014-2016. *Damanhour Journal of Veterinary Sciences*, 2 (1): 12-17. DOI: 10.21608/djvs.2019.48002.

114. Ellakany, HF, Abd-Elhamid, HS, Tantawy, LA, Elsamadony, HA, Elbestawy, AR, Gado, AR, El-Sayed, YS and Ismael, HS (2019). Immunological and pathological adverse effects of avian influenza virus subtype H9N2 infection in aflatoxicated-broiler chickens. *Journal of the Hellenic Veterinary Medical Society*, 70 (4), 1889-1900. doi: <http://dx.doi.org/10.12681/jhvms.22241>

115. Rasha Zayed, Hoda Abd-Ellatieff, Wael Goda, Nahed El-shall, Eman Bazah, Sohair Badr, Hany Elakany , Abdelrahman Abou-Rawash (2020). Effects of aqueous extract of Aloe vera leaves on performance, hematological and cecal histological parameters in commercial broiler chickens. *Damanhour Journal of Veterinary Sciences* 5 (1), 4-10.

116. Elbestawy, AR, Ibrahim, MG, Hammam, H, Noreldin, AE, El Bahrawy, A and Ellakany, HF (2020): (2020). Molecular Characterization of Fowl Adenovirus D Species in Broiler Chickens with Inclusion Body Hepatitis in Egypt. *Alexandria Journal of Veterinary Sciences*, *AJVS*. Vol. 64 (1): 110-117.

117. Bastamy, M., Raheel, I., Ellakany, H., and Orabi, A. (2020). Treasing Study on Tylvamyco as a Novel Immunomodulatory Medication on Broiler Chickens. *International Journal of Veterinary Science*. Vol.9 No.4 pp.523-527.

118. Hisham, I., Ellakany, HF., Selim, AA., Abdalla, MAM., Zain El Abideen, MA., Kilany, WA., Ali, A. and Elbestawy, A.R. (2020). Comparative Pathogenicity of Duck Hepatitis A Virus-1 Isolates in Experimentally Infected Pekin and Muscovy Ducklings. *Frontiers in Veterinary Science*, Vol. 7, 234. doi: 10.3389/fvets.2020.00234. Article 234.

- 119. Abd El-Hamid, H.S., Shafi, M.E., Albaqami, N.M., Ellakany, H.F., Abdelaziz, N.M., Abdelaziz, M.N., Abd El-Hack, M.E., Taha, A.E., Alanazi, K.M. and Elbestawy, A.R. (2020). Sequence analysis and pathogenicity of Avian Orthoavulavirus 1 strains isolated from poultry flocks during 2015–2019. BMC Veterinary Research, 16:253. <https://doi.org/10.1186/s12917-020-02470-9>.**
- 120. Ahmed R Elbestawy, Hoda A Abd-Ellatieff, Hany F Ellakany, Hatem S Abd El-Hamid, Abdelrahman A Abou Rawash, Ahmed R Gado, Ayman H Abd El-Aziz, Amal AM Eid, A Nahed (2020). Respiratory and Reproductive Impairment of Commercial Layer Chickens After Experimental Infection with Gallibacterium anatis Biovar haemolytica," Avian Diseases, vol. 64 (4): 536-541. doi.org/10.1637/aviandiseases-D20-00051**
- 121. Elbestawy, A.R., Ellakany, H.F., Abd El-Hamid, H.S., Ibrahim, M.S., Gado, A.R., Mustafa, N.S., Moussa, I.M., Al-Maary, K.S., Al-Sarar, D.S., Alshammari, H.O., Dawoud, T.M., Hemeg, H.A., and Galal, H.M. (2021). Comparative evaluation of a live E. coli vaccine and cefotaxime treatment against three E. coli serotypes in broilers. Journal of King Saud University – Science 33 (2), 101353. <https://doi.org/10.1016/j.jksus.2021.101353>.**
- 122. Abd-Ellatieff, HA; Abd El Aziem, AN; Elbestawy, AR; Goda, WM; Belih, SM; Ellakany, HF; Abd El-Hamid, HS; Yanai, T; AbouRawash, AA and El-Habashi, N. (2021). Efficacy of Vaccination against Infection with Velogenic Newcastle Disease Virus Genotypes VI and VII 1.1 Strains in Japanese Quails. J. Comp. Path. 186: 35e50. doi.org/10.1016/j.jcpa.2021.05.003.**
- 123. Bastamy, M., Raheel, I., Ellakany, H., El Rahman, S.A., Orabi, A. (2021). Insight of Prevalence, Toxin Typing and Antimicrobial Susceptibility of Egyptian Clostridium perfringens Isolates Recovered from Broiler, Layer and Breeder Chicken Flocks. International Journal of Veterinary Science, , 11(1), pp. 110–116.**
- 124. Nahed A El-Shall, Hatem S Abd El-Hamid, Magdy F Elkady, Hany F Ellakany, Ahmed R Elbestawy, Ahmed R Gado, Amr M Geneedy, Mohamed E Hasan, Mariusz Jaremko, Samy Selim, Khaled A El-Tarabily, Mohamed E Abd El-Hack (2022). Epidemiology, pathology, prevention, and control strategies of inclusion body hepatitis and hepatitis-hydropericardium syndrome in poultry: A comprehensive review. Front Vet Sci. 2022; 9: 963199.**
- 125. Elbestawy, AR; Ellakany, HF; Abd El-Hamid, HS; Gado, AR; Geneedy, AM; Noreldin, AE; Menshawy, S; El-Neweshy, M; El-Shall, NA and Salaheldin, AH (2021): Leucocytozoon caulleryi in Broiler Chicken Flocks: Clinical, Hematologic, Histopathologic, and Molecular Detection. Avian Diseases 65: 407–413.**
- 126. Bastamy, M., Raheel, I., Ellakany, H., Orabi, A. (2021). Study of Minimum Inhibitory Concentration Against a Local Field Isolates of Mycoplasma gallisepticum and Mycoplasma synoviae from Egyptian Broiler and Layer Chicken Flocks. International Journal of Veterinary Science, 11(1), pp. 98–103.**
- 127. Abd El-Hack, M.E., El-Saadony, M.T., Ellakany, H.F., AbuQamar, S.F., El-Tarabily, K.A. (2022). Inhibition of microbial pathogens in farmed fish. Marine Pollution Bulletin, 2022, 183, 114003.**
- 128. Zeynab Khamis El-Maddawy, Abd El-salam Fawzy El-sawy, Neveen Ragab Ashoura, Salama Mostafa Aboelenin, Mohamed Mohamed Soliman, Hany Fawzy Ellakany, Ahmed Ragab Elbestawy and Nahed Ahmed El-Shall (2022). Use of Zinc Oxide Nanoparticles as**

Anticoccidial Agents in Broiler Chickens along with Its Impact on Growth Performance, Antioxidant Status and Hematobiochemical Profile. *Life*, 12, 74.

129. Mohamed E. Abd El-Hack, Mohamed T, El-Saadony, Ahmed R. Elbestawy, Hany F. Ellakany, Samar S. Abaza, Amr M. Geneedy, Heba M. Salem, Ayman E. Taha, Ayman A. Swelum, Fatima A. Omer, Synan F. AbuQamar, Khaled A. El-Tarabily (2022).

Undesirable odour substances (geosmin and 2-methylisoborneol) in water environment: Sources, impacts and removal strategies. *Marine Pollution Bulletin*, Volume 178, 113579.

130. Nahed A El-Shall, Hatem S Abd El-Hamid, Magdy F Elkady, Hany F Ellakany, Ahmed R Elbestawy, Ahmed R Gado, Amr M Geneedy, Mohamed E Hasan, Mariusz Jaremko, Samy Selim, Khaled A El-Tarabily, Mohamed E Abd El-Hack (2022).

Epidemiology, pathology, prevention, and control strategies of inclusion body hepatitis and hepatitis-hydropericardium syndrome in poultry: A comprehensive review. *Front Vet. Sci.* .2022

131. Mohamed E. Abd El-Hack, Mohamed T. El-Saadony, Hany F. Ellakany, Ahmed R. Elbestawy, Samar S. Abaza, Amr M. Geneedy, Asmaa F. Khafaga, Heba M. Salem, Ayman H. Abd El-Aziz, Samy Selim, Ahmad O. Babalghith, Synan F. AbuQamari, Khaled A. El-Tarabily. (2022). Inhibition of microbial pathogens in farmed fish. *Marine Pollution Bulletin*, 183: 114003.

132. Noha Awwad, Dalia Talat, Hany Ellakany, Madiha Salah Ibrahim (2023). Isolation and identification of *Sphingomonas paucimobilis* 503: a case report. *Damanhour J. Vet. Sci.*, Volume 9, Issue 2, February 2023, Pages 17-20.

133. Hassan SM, Zayeda R, Ellakany HF, Badr S, A AA, Abd-Ellatieff HA. Anticoccidial Activity of Aloe Vera Leafs' Aqueous Extract and vaccination Against *Eimeria tenella*: Pathological Study in Broilers. Received: 10 July 2023 / Accepted: 16 September 2023. *Veterinary Research Communications*. <https://doi.org/10.1007/s11259-023-10222-x>

134. Hussein EGS*, Ellakany FH@ and ** Bekheet AA*. Study the Effect of vaccination with intermediate plus live attenuated infectious bursal disease vaccine (Intermediate Hot Strain) on the severity of clostridium *Clostridium perfringens* infection in chickens.

135. Ahmed Elbestawy, Hany Ellakany, Mahmoud Sedeik, Ahmed Gado, Mervat Abdel-Latif, Ahmed Noreldin, Ahmed Orabi, Ismail Radwan and Wafaa Abd El-Ghany (2023). Superior Efficacy of Apathogenic Genotype I (V4) over Lentogenic Genotype II (LaSota) Live Vaccines against Newcastle Disease Virus Genotype VII.1.1 in Pathogen-Associated Molecular Pattern-H9N2 Vaccinated Broiler Chickens. *Vaccines*, 2023, 11, 1638.

136. Ahmed H. Salaheldin; Hatem S. Abd El-Hamid; Hany F. Ellakany; Mostafa A. Mohamed; Ahmed R. Elbestawy (2024). Isolation, Molecular, and Histopathological Patterns of a Novel Variant of Infectious Bursal Disease Virus in Chicken Flocks in Egypt *Vet. Sci.* 2024, Volume 11, Issue 2, 98.

137. Ahmed R. Elbestawy, Hatem S. Abd El-Hamid, Hany F. Ellakany, Ahmed R. Gado, Shady H. El-Rayes, and Ahmed H. Salaheldin. Molecular characterization, sequence analysis of VP2-hypervariable region, and pathogenicity of infectious bursal disease virus during 2017-2021. *AVIAN DISEASES* 00:000–000, 2024

138. Rasha Abd Elghafar, Mohamed Abaza, Hany F. Ellakany, Ahmed M. Abd El-Hady, Karim El-Sabrouh (2024). The effect of fermented wheat germ extract on broiler

chicks' growth performance, immunological status, and carcass characteristics. ANNALS OF ANIMAL SCIENCE, ISSN: 2300-8733, <https://sciendo.com/journal/AOAS>, DOI: 10.2478/aoas-2024-0048.

139. Adel A, Zanaty A, Mosaad Z, Selim K, Hagag NM, Badr M, Ellakany H, Shahien M and Samy A (2024) Advancing IBDV diagnostics: a one-step multiplex real-time qRT-PCR for discriminating between vvIBDV and non-vvIBDV viruses, including the newly emerged IBDV variant. *Front. Vet. Sci.* 11:1421153. doi: 10.3389/fvets.2024.1421153

Scientific Awards

The best paper in: The 6th Sci. Conf. of the Egyptian branch of the WVPA, Cairo, Sept. 25-27, 2004. *Ahmed, A.A.S.; Awad, A.M.; Abd El-Hamid, H.S.; and Ellakany, H.F.*
Title: Evaluation of the protective efficacy of herpes virus of turkey vaccine for immunization of day-old commercial broiler chicks against Marek's disease. (1). Clinicopathological and immunological responses of immunized chickens to challenge with a local wild Marek's disease virus.

The best paper in: The 12th Scientific Congress of the Fac. Vet. Med., Assiut University, 10th -12th December, 2006. **Title:** Effect of challenge with local isolate of wild type Marek's disease on the rate of antigen detection in the feather follicle epithelium of serotype-1 Rispense-vaccinated commercial broiler chickens. *Awad, A.M.; H.S. Abd El-Hamid; H. F. Ellakany; and A.A. S. Ahmed.*

The best paper in: The 13th Conf. of Fac. Vet. Med., Assuit University, 23-25th November, 2008. **Title:** Sensitivity of two field isolates of E. tenella from broiler chickens to salinomycin and diclazuril in a battery trial. *Somaia S. Abuakkada; Ellakany, H.F.*

The best paper in: The 5th Sci. Conf. of the Fac. Vet. Med., Alexandria University, 16-18 March, 2009. **Title:** Control of Salmonella enteritidis infection in male layer chickens by different feed additives. *Ellakany, H.F.; Attia, Y.A. ; Abd El-Hamid, A.E. , Sherihan Ghazaly (2009).* *Alex. J. Vet. Sci.*, 28 (1): 157-169.

Conferences:

1. The XIth International Congress of The World Veterinary Poultry Association, WVPA, .Budapest, Hungary, 18th -22nd August, 1997 (one oral presentation and one poster).
2. The XIIth International Congress of The World Veterinary Poultry Association, WVPA, .Cairo, Egypt, 2002.
3. The 28th Annual Meeting of the Delamarva Poultry Producers, Ocean City, Delaware, USA, October 1993.
4. The annual conferences of the Egyptian Branch of the WVPA starting from the year 1987.
5. The first Congress of the Fac. Vet. Med., Canal Suez Univ. October, 2000, Ismaillia, Egypt.
6. The 6th Scientific Veterinary Medical Conference, Zagazig Univ., September 7-9, 2002, Hurghada, Egypt.
7. The 3rd International Scientific Conference, Mansoura Univ. and University of Torvergata, Italy. Mansura, 29th -30th April, 2003.
8. The 1st Scientific Conference, Fac. Vet. Med., Kafr El-Sheikh branch, Tanta Univ., May, 6-8, 2003.
9. The 6th Scientific Conference of the WVPA, Cairo, Dokki, 25-27th September, 2004.
10. The fourth Scientific Conference, Fac. Veterinary Medicine, University of Alexandria, Alexandria, Green Plaza, 2-4th October, 2004.

11. The 4th Congress of the Fac. Vet. Med., CanalSuezUniv. November, Ismaillia, Fayed, Egypt, 2006.
12. The 5th International Scientific Conference, Mansoura Univ.and TeramoUniversity (Italy). Mansura, 10th -11th April, 2007.
13. The 8th International Scientific Conference of the Egyptian veterinary poultry association March 10-13, 2008.
14. The 13th Conf. of Fac. Vet. Med., AssuitUniversity, 23-25th November, 2008
15. The 3rd Vet. Med., Sci. Congress, Kafr El-Sheikh Univ., 10-12 May 2009.
16. 5th Vet. Med. Conference of AlexandriaUniv., March 16-18th, 2009.
17. The XVIII, International Congress of The World Veterinary Poultry Association, WVPA, Nantes, France, , 19th-23rd August, 2013 (with poster).
18. The 49thAnnual Veterinary Medical Symposium of Tuskegee University, Alabama, USA, (Patterson Hall, 1200 Old MontgomeryRoad, Tuskegee Institute, AL 36088), March 19-22, 2014. (oral presentation on Gumboro Disease).
19. The XIXth Congress of the WVPA, South Africa, Cape Town, 7-11th September, 2015 (with 2 posters).
20. The 21st Congress of the International Organization for Mycoplasma, IOM2016, 3-7 July 2016, Brisbane, Australia.
21. The SIAM Meeting on Avian Mycoplasma, 8th of July, 2016, Brisbane, Australia (giving a lecture on the Situation of avian mycoplasma in Egypt).

Scientific Thesis Supervision

1. Neveen Atia Ammar

Studies on Swollen Head Syndrome in broiler chickens with special reference to Pneumovirus
Master in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2003

2. Mohamed Aly Shehawy

Studies on the immunosuppressive effects of enrofloxacin in chickens
M.V.Sc. in Poultry Diseases and Hygiene, Faculty of Veterinary Medicine, AlexandriaUniversity, 2005

3. Motamed Hussein Radwan

Evaluation of the efficacy of several Salmonella vaccines on shedding and colonization of
Salmonella enteritidis in commercial layer chickens
M.V.Sc. in Poultry Diseases and Hygiene, Faculty of Veterinary Medicine, AlexandriaUniversity, 2005

4. Nehal Kamal Berto

Effect of addition of Ginseng on immune and physiological responses of broilers
M.V.Sc. in Poultry Production, Fac. Agriculture, AlexandriaUniversity, 2006

5. Rafeek Abd El Kerim Rashid

Studies on Streptococcus infection in fresh water fish
M.V.Sc. in Fish Diseases, Faculty of Veterinary Medicine, Alexandria University, 2006

6. Sharihan Ali A. Ghazaly

Effect of acetic acid and glucomannan on some blood constituents and productive
performance in Japanese quails and male chickens
M.V.Sc. in Agricultural Sciences, Poultry Production, Fac. Agriculture, AlexandriaUniversity, 2008

7. Abd El-Karim Farag Hussein

Studies on Salmonella infections in chickens in Liby
M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2008

8. Ahmed Ragab El-Bestawy

Studies on (ORT) Ornithobacterium Rhinotracheale and (MG) Mycoplasma gallisepticum
infections in commercial chicken flocks in El-Behera and Kafr El-Sheikh governorates

- M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2009
- 9. Ahmad El-Sayed Eid**
Studies on problems of arthritis in breeder chickens
M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2009
- 10. Rasha M. Diab**
Experimental Studies on the effects of probiotics on intestinal mucosal immunity of chickens
M.V.Sc. in Microbiology, Faculty of Veterinary Medicine, Alexandria University, 2009
- 11. Mohamad Ahmad Abdallah**
Studies on Duck Viral Hepatitis
M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2009
- 12. Heba Saeed Salem**
Pharmacological effects of some medicinal plants in broilers
Ph.D. in Pharmacology, Faculty of Veterinary Medicine, Alexandria University, 2010
- 13. Nahed El-Shal**
Studies on the sensitivity of Eimeria tenella isolates in broilers to anti-coccidial drugs
M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2010
- 14. Alaa Samir Abd El Salam**
Serological Evaluation of Commercial Available Inactivated Avian Influenza (H5N1-H5N2) Subtypes Vaccines in Egypt
M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2010
- 15. Nageh Abd El-Monem Mohammed**
Effect of Some Non Nutritive Additives to Prevent the Adverse Effects of Mycotoxin and Improve Physiological and Productive Performance of Broiler Chickens
Ph.D. in Poultry Production, Fac. Agriculture, Damanhour University, 2010
- 16. Ahmad Mohamad Adel**
Comparative Study on Three Different Imported Isolates of Avian Influenza Virus
M.V.Sc. in Microbiology, Virology, Faculty of Veterinary Medicine, Alexandria University, 2010
- 17. Kareem Mohamed Abdel Baky**
Investigation on the Effect of Probiotics on Protection against aflatoxins
M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2011
- 18. Abd El-Karim Farag Hussein**
Studies on Newcastle disease virus infection in Libya
Ph.D. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2011
- 19. Rehab Abd Ellatif Shahin**
Studies on E. coli infection in fish under culture conditions
M.V.Sc. in Fish Diseases, Faculty of Veterinary Medicine, Alexandria University, 2011
- 20. Hanan S. Elsamahy**
Epidemiological Studies on Highly Pathogenic Avian Influenza during late 2009 and 2010 in Egypt
M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2011.
- 21. Basma Abd El-Halim Abd El-Mawla**
Further Studies on Mycoplasma in chickens
Ph.D. in Microbiology, Faculty of Veterinary Medicine, Alexandria University, 2013.
- 22. Amir Aly Fekry**
Molecular Diagnosis of Infectious Bursal Disease Virus (IBDV) in Broilers, Detection and Characterization by RT-PCR/ Sequencing Analysis
M.V.Sc. in Microbiology, Faculty of Veterinary Medicine, Alexandria University, 2013
- 23. Rasha Mohamad Diab**
Effectiveness of some probiotics on tonsils and mesenteric lymph node
Doctorate (PhD) in Veterinary Microbiology, Faculty of Veterinary Medicine, Alexandria University, 2013
- 24. Ahmad Hatem Salah El-Din**

Epidemiological Studies on Highly Pathogenic Avian Influenza during late 2010 and 2011 in Egypt

M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2013

25. Ahmed Mahmoud Ismail Etman

The Effect of Immunostimulant Plants Mixture Extracts on Broiler Performance and Immunity

M.V.Sc. in Poultry Production, Tanta University, Faculty of Agriculture, Department of Animal Production, 2013

26. Ahmed Ragab El-Bestawy

Studies on Gallibacterium anatis in commercial chicken flocks

Ph.D. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2013

27. Desoky M. Morad

Incidence of *Aeromonas hydrophila* in Poultry Farms

Ph.D. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2014

28. Motamed Hussein Radwan

Further Studies on Salmonella vaccines in breeder chickens

Ph.D. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2014

29. Nehal Kamal Berto

Productive and immunological effects of propronise on broilers with comparison with commercial immunostimulants

Ph.D. in Poultry Production, Fac. Agriculture, Alexandria University, 2014

30. Shaymaa Bedeewy

Pathogenicity and Antibiotic Sensitivity of *Clostridium perfringens* Isolates from Chickens in El-Behera Governorate

M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Damanshour University, 2015

31. Nahed El-Shall

Molecular Identification of Intraspecific Variability in the Virulence of *Eimeria tenella*

Ph.D. in Poultry Diseases, Faculty of Veterinary Medicine, Alexandria University, 2015

32. Rasha Gomaa

Phylogenetic analysis of Mycoplasma synoviae isolated from chickens

MVSc. In Bacteriology, Faculty of Veterinary Medicine, Alexandria University, 2015

33-Nahla Matarid

34- Kareem Mohamed Abdel Baky

Investigations on Effectiveness of Commercial H9N2 Vaccines against H9N2 of Avian Influenza Field Isolates from Broiler Flocks in Egypt

Ph.D. in Poultry Diseases, Faculty of Veterinary Medicine, Damanshour University, 2016

35-Mohamed Nabeh Abd El Aziz

Surveillance Studies on Newcastle Disease Virus strains circulating in The Poultry Field in Egypt

M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Damanshour University, 2016

36-Ahmed Ramadan Gado

Incidence of Avian Influenza H9N2 in broiler chickens

M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Damanshour University, 2016

37-Ahmed El-Sayed Eid

Field Studies on Tumor Viral Infections in Chickens

PhD in Poultry Diseases, Faculty of Veterinary Medicine, Damanshour University, 2018

38- Mahmoud Said El Shafey

Effect of mixed experimental infection with Gallibacterium anatis and Mycoplasma gallisepticum in chickens.

M.V.Sc. in Poultry Diseases, Faculty of Veterinary Medicine, Damanshour University, 2018

**Studies on Eman Diab-
Heba Salah-
Hosam**

39. Current status of IBV in broiler chicken flocks in Alexandria, Beheira, Kafr El-Sheikh and Garbia. Youssef Anwar El-Fahham. MVSc, 2022, Damanhour University, Poultry Diseases.

40. Studies on Mycoplasma gallisepticum infection in chicken flocks. MVSc., 2023, Damanhour University, Eman Fathy El-Mezewdy.

Organization and Supervision of workshop and Training Courses:

1. Rabbit management, nutrition and diseases, Alexandria University, 3-5, August, 2008.
2. Management of broiler chickens, Alexandria University, 10-12, May, 2008.
3. Titration of killed and live vaccines and cell culture, Alexandria University, June, 2008.
4. Uses of ELISA technique in the diagnosis of poultry diseases, Alexandria University, August, 2008.
5. The use of PCR in the diagnosis of poultry and fish diseases, Alexandria University, 11-13, April, 2009.
6. Health and management of rabbits, Alexandria University, February, 2009.
7. Rabbit Diseases, Nutrition and Reproduction, Veterinary syndicate, Alexandria, 10th February, 2012.
8. Poultry Diseases, Nutrition, and Management of Broiler Chickens, Faculty of Veterinary Medicine, Damanhour University, 15-28th August, 2014.
9. Respiratory Manifestations in Poultry, Veterinary syndicate, Alexandria, February, 5th, 2015

الدورات التدريبية وورش العمل:

- الدورة التدريبية التخصصية المقامة من 21-25 أكتوبر 2011 بمديرية الطب البيطري بدمنهور تحت رعاية التنمية الريفية (الأمان الحبوبى والتخلص من مخلفات أنفلونزا الطيور)
 - المستجد في أمراض الدواجن الحقلية وطرق الوقاية والعلاج وبرامج التحصين (الاصلاح الزراعي – بالاسكندرية – مركز التدريب – المنتزه في 10 فبراير 2012)
- ندوة عن تشخيص أمراض الدواجن - البرنامج التدريبي في إنتاج وصحة الدواجن- من 5-7/9/2009 - المركز المصري للزراعة .
- ندوة عن أمراض الدواجن الفطرية - البرنامج التدريبي في إنتاج وصحة الدواجن - المركز المصري الدولي للزراعة - بالتعاون مع كلية الطب البيطري - جامعة الإسكندرية - فبراير 2010

ألقاء العديد من المحاضرات التثقيفية للمهندسين العاملين بمديرية الزراعة بالبحيرة - في مجال الإنتاج الحيواني - تخصص دواجن - بمركز التدريب الزراعي بدمنهور- في شهر نوفمبر / 2007 تحت العناوين الآتية:

1. دور الارشاد البيطرى فى الوقاية من الامراض البكتيرية .
 2. التحصينات الوقاية والاحتيطات التى يجب مراعتها عند التحصين فى الدواجن .
 3. أمراض الميكوبلازما فى الدواجن.
 4. أهم أمراض الدواجن التى يتم انتقالها للانسان وطرق الوقاية منها
- ألقاء سلسلة من المحاضرات من خلال الدورات التدريبية التخصصية فى انفلونزا الطيور - بمركز الارشاد الدولى والاعلامى البيئى- بكفر الشيخ فى شهور يونيو و أغسطس و سبتمبر 2007 و 2008 تحت عنوان:

1. كيفية تطهير مزارع الدواجن بعد انفلونزا الطيور
2. أهم الاشتراطات الصحية لمزارع الدواجن
3. مرض أنفلونزا الطيور وكيفية انتقال العدوى وطرق الوقاية
4. كيفية التخلص من الطيور الناقة والمعدمة بعد أنفلونزا الطيور

الندوات العامة عن مرض انفلونزا الطيور:

- محاضرة بكلية الزراعة- جامعة طنطا - بتاريخ 2005/12/12
- ندوة فى 2006/2/25 بالحزب الوطنى بالإسكندرية- دائرة المنتزه
- ندوة فى شهر 2007/11 بالوحدة المحلية بالمحمودية – البحيرة
- ندوة فى 2007/10/5 بنزل شباب دمنهور- مديرية الشباب والرياضة
- ندوة فى شهر 2008/1 بالحزب الوطنى بدمنهور
- محاضرة بعنوان " الأبعاد الصحية لأنفلونزا الطيور" مؤتمر المرأة ومشاكل البيئة - تحت رعاية مركز سوزان مبارك الإقليمي لصحة وتنمية المرأة - بالتعاون مع المعهد العالى للصحة العامة – وكلية الطب – جامعة الإسكندرية ووزارة البيئة فى 2-3 أبريل 2008 –فندق هنان فلسطين – الإسكندرية.
- ألقاء العديد من المحاضرات عن (مرض انفلونزا الطيور) فى الدورات التدريبية التخصصية المقامة بمديرية الطب البيطري بدمنهور التابعة للهيئة العامة للخدمات البيطرية فى شهري 3 و 4 / 2008
- إلقاء سلسلة من المحاضرات عن مرض أنفلونزا الطيور فى شهري يونيو و يوليو 2009 بالحزب الوطنى بالإسكندرية فى دائرة المنتزه والعجمي والطابية والعوائد.
- إلقاء سلسلة من المحاضرات عن مرض أنفلونزا الطيور بمركز النيل للإعلام بدمنهور فى أعوام 2006, 2007, 2008, 2009
- إلقاء سلسلة من المحاضرات عن مرض أنفلونزا الطيور فى عدد من المدارس الإعدادية والثانوية بمحافظة البحيرة وكفر الشيخ.
- ندوة فى شهر أبريل 2009 بالمجلس الشعبى المحلى بمحافظة الإسكندرية.
- ندوة فى 2009/5/6 فى كلية التربية الرياضية بنين بأبي قير – جامعة الإسكندرية .

Memberships:

- World Veterinary Poultry Association (WVPA).

- Member of the Administrative council of the Egyptian Veterinary Poultry Association (2016-2020)
- Egyptian Poultry Science Association.