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جامعة القاهرة

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Curriculum Vitae

personal Information

Name	Professor Dr. Mohamed Hussein Hassan Awaad	
Title	Professor of poultry Diseases	
Date of birth	28 December 1944	
Place of birth	Cairo	
Citizenship	Egyptian	

Contact Information

Home phone	02 33807834
Work phone	
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Current Address	36 M El-Ahraam Gardens, Giza.

Educational Qualifications

Ph. D., Faculty of Veterinary Medicine, Cairo University, 1975

M. Sc., Faculty of Veterinary Medicine, Cairo University, 1972

B. V. Sc., Faculty of Veterinary Medicine, Cairo University, 1968

Academic Positions

-Emeritus Professor of Poultry diseases Faculty of Veterinary Medicine, Cairo University (June 1985 - Date)

-Head of the Department of poultry diseases Faculty of Veterinary Medicine, Cairo University June 1996 – 2005.

-Sabbatical leave from September 1991 - July 1995, acting as professor of poultry diseases, college of Veterinary Medicine and Animal Resources, King Faisal University, Kingdom of Saudi Arabia



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- Deputy head of Department of Veterinary Medicine and Poultry Diseases, Faculty of Veterinary Medicine, Cairo University from September 1987- September 1991
- Professor of Poultry diseases Faculty of Veterinary Medicine, Cairo University (June 1984)
- Assistant professor of Poultry diseases, Faculty of Veterinary Medicine, Cairo University (June 1979)
- Lecturer of Poultry diseases, Faculty of Veterinary Medicine, Cairo University (June 1975)
- Assistant Lecturer of Poultry diseases, Faculty of Veterinary Medicine, Cairo University (March 1972)
- Demonstrator of Poultry diseases, Faculty of Veterinary Medicine, Cairo University (June 1968).

The Thesis Title

M. Sc. Studies on colibacillosis in chickens.

Ph. D. Studies on *E.coli* infection in chickens.

Areas of experience

- 1-Teaching the subject of (poultry diseases for the undergraduate level (B.V. Sc.) and the post graduate level (M. V. Sc. and Ph.D.), Faculties of Veterinary Medicine, Egypt and Saudi Arabia.
- 2-Teaching the subject of Poultry diseases for the undergraduate level students majoring in animal production, Faculties of Agriculture, Egypt and Saudi Arabia.
- 3-Supervised 36 M.V.Sc. and 33 Ph.D. thesis research projects in the domain of Poultry diseases.
- 4-Research experience in the domain of Poultry diseases (101 published articles in international journals)..
- 5-Sharing in the project of the Academy of Scientific Research and Technology on Production of poultry feeding mixtures (1984–1985).
- 6-The P.I. of NARP (national agriculture research program) funded research project entitled “Breeding program for the development of native egg type breeds of chickens”, Grant CAN 424 AN 43 (1990–1991).
- 7-The P.I. of a KACST (King Abdulaziz City for Science and Technology) Funded national research project concerned with studying the “ Etiologies of moralities of Poultry” in the Kingdom of Saudi Arabia, Research project NO. AT-10-30 (1991 – 1995).
- 8-A technical consultant of many poultry production companies in the private and governmental sectors, Egypt and Saudi Arabia.
- 9-A member of the International Veterinary Poultry Association.
- 10-A member of the Egyptian Veterinary Nutrition Association.
- 11-A member of the “directing board” of the Egyptian Veterinary Poultry Association.
- 12-General secretary of the Egyptian Veterinary Poultry Association (1988-1999).
- 13-Secretary of 2nd.Scientific Conference of the Egyptian Veterinary Poultry Association- March, 12-14, 1990).
- 14-A member of Proceedings Editorial Board of 4th.(March,5-7, 1996) and 5th.(March, 3- 5, 1998) Scientific Conference of the Egyptian Veterinary Poultry Association.
- 15-Member, Egyptian Syndicate of Veterinarians number 1620 (1968 - Date)
- 16-One of the authors of a book Published by Faculty of Veterinary Medicine, Cairo University “ Guide to Diseases and Parasites of Poultry and Rabbits ”
- 17-Member of Continual Scientific Committee for Poultry and Fish Diseases, Veterinary Education Sector, Supreme Council of Universities (1999-2010).
- 18-Member of Continual Scientific Committee Animal Health Research Institute, Agricultural Research Center, Ministry of Agriculture (2000-Date).



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19-Director of the Egyptian Poultry - Consulting Office (EPCO).

20-A member of the Poultry Consulting Committee, the Academy of Scientific Research and Technology.

Projects

- 1- Sharing in the project of the Academy of Scientific Research and Technology on Production of poultry feeding mixtures (1984–1985).
- 2- P.I. of NARP (national agriculture research program) funded research project entitled “Breeding program for the development of native egg type breeds of chickens”, Grant CAN 424 AN 43 (1990–1991).
- 3- P.I. of a KACST (King Abdulaziz City for Science and Technology) Funded national research project concened with studying the “ Etiologies of moralities of Poultry” in the Kingdom of Saudi Arabia, Research project NO. AT-10-30 (1991 – 1995).

Awards

Cairo University Prize in Poultry Diseases (1984).

Professional Qualifications

Conferences

- 1- 5th Scientific conference of Egyptian Anim. Prod. Assoc., Sept. (1977)
- 2- Cairo Univ., XXIX, No. 29, 129-133 (1981)
- 3- 38th Meeting of the DGHM, Gottingen, Germany (1982)
- 4- Vet. Med J., Cairo Univ., XXX, 191 (1982).
- 5- ندوة الحياة القطرية وانماتها في منطقة مجلس التعاون لدول الخليج العربية - البحرين - ١٨-١٦ يناير ١٩٩٥
- 6- 1st annual conference of the Egyptian Vet. Poultry Assoc., October (1987).
- 7- World's Poultry Congress 2000, Montreal, Canada / August (2000).
- 8- XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, (2001).
- 9- XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, (2001).
- 10- XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, (2001).
- 11- 6th Sc. Congress of the Egyptian Veterinary Poultry Association (2004)
- 12- 7th Sci. Conference of the EVPA, March 6-9th (2006).
- 13- 8th Sci. Conference of the EVPA, March 10-13, (2008).
- 14- Vet Med. Giza Congress October (2009).
- 15- 1st Conference of An. Health Res. Inst. Assoc., December (2012).
- 16- XIV th European Poultry Conference Stavanger, Norway 23-27 June (2014).
- 17- 11th APPC Bangkok, Thailand (2018).

Training courses

Computer Skills

Word, Excell and Power point.

Language Skills



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Arabic, English, German.

Professional Memberships

Alexander Von-Humboldt (Germany).

Other activities

- 1 -Member of Continual Scientific Committee for Poultry and Fish Diseases, Veterinary Education Sector, Supreme council of Universities (1999).
- 2-Member of Continual Scientific Committee Animal Health Research Institute, Agricultural Research C enter, Ministry of Agriculture (2000-Date).
- 3-Director of the Egyptian Poultry - Consulting Office (EPCO).
- 4-A member of the Poultry Consulting Committee, the Academy of Scientific Research and Technology.

List of publications

- 1-Studies on coli-septicaemia in chickens. Awad F. I., A. A. Bassiouni, A. El-Sisi, and **M. H. H. Awaad**. Egypt. J. Vet, Sci., 10, No. 1-2, 85-96 (1973).
- 2-Studies on the relationship between pathogenicity of E.coli strains in chickens and their fermentation to dulcitol. Awad F. I., A. A. Bassiouni, A. El-Sisi, and **M. H. H. Awaad**. Egypt. J. Vet, Sci., 10, No. 1-2, 81-84 (1973).
- 3-Study on E.coli septicaemia in ducklings. Awad F. I., A. A. Bassiouni, A. El-Sisi, and **M. H. H. Awaad**. Veterinaria Italiana, 29, 389-399 (1973).
- 4-The possible role of chickens in the epidemiology of E.coli infection in infants. Saad F. E., O.M. Hamed, **M. H. H. Awaad** and M. Hafeez. Vet. Med. J., Cairo Univ., 25, 481-486 (1974).
- 5-The toxicity of some insecticides to chickens. Belal M., S. Riad, O. El-Husseiny and **M. H. H. Awaad**.
- Fifth Scientific conference of Egyptian Anim. Prod. Assoc., Sept. (1977)
- 6-Studies on the role of ccolicinogenicity and colicin sensitivity of Escherichia coli strains isolated from chickens and their relationship to pathogenicity. Shinawy M. M., **M. H. H. Awaad** and A. M. W. Kheir El-Din. Egypt. Vet. Med. Assoc., 38, No. 1, 28-37 (1978)
- 7-Pathological and haematological changes following pathogenic *E. coli* infection in chickens. Kher El-Din A. W., M. M. Shawki, **M. H. H. Awaad**, M. I. M. Desoki and Y. I. Youssef. Egypt. Vet. Med. Assoc., 38, No. 1, 3-15 (1978)
- 8-Electrophoretic changes in serum transferrin and gammaglobulins following Rickettsia mooseri infection in cyclophosphamide treated mice. **Awaad M. H. H.**, K. Graf, H. D. Schmatz and H. Krauss. Zbl. Vet. Med B, 25, 586-595 (1978)
- 9-Electrophoretic characterization of bovine mycoplasma and acholeplasma - reference strains. **Awaad M. H. H.**, H. Krauss and H. D. Schmatz. Zbl. Bakt. Hyg. I. Abt. Orig. A 240, 359-365 (1978)
- 10-Study on the role of k-antigen in inducing coli-septicaemia in chickens. Bassiouni A. A., M. M. Shinawy, Z. A.



Hassanein, Y. I. Youssef, and **M. H. H. Awaad**. Zagazig Vet. J. , II, 23-30 (1979)

11-Serum electrophoretic investigations in a flock of Japanese quail with a special reference of sex dependent differences in protein profiles and to ammonium sulfate gammaglobulin precipitation. **Awaad M. H. H.**, H. D. Schmatz and H. Krauss. Zbl. Vet. Med. B., 26, 469-478 (1979)

12-Study of pseudomonas aeruginosa in chickens. **Awaad M. H. H.**, Y. I. Youssef, F. E. Saad and T. M. B. Sarakebi. Egypt. Vet. Med. J., Cairo Univ., 29, No. 29, 135-143 (1981)

13-Effect of Pseudomonas aeruginosa on chicken embryos. Saad F. E., Y. I. Youssef and **M. H. H. Awaad**. Egypt. Vet. Med. J., Cairo Univ., XXIX, No. 29, 129-133 (1981)

14-Histopathological changes of Pseudomonas aeruginosa infection in chick. Rawhia EM.Doghaim,Y.I.Youssef, F. E. Saad and **M. H. H. Awaad**. Egypt. Vet. Med. J., Cairo Univ., XXIX, No. 29, 145-154 (1981)

15-The effect of diluents, stabilizers and containers on the immune response of lasota vaccine. Bassiouni A. A., F. E. Saad, M. Samy Saber, **M. H. H. Awaad**, M. Mahrous and Y. I. Youssef. Egypt. Vet. Med. J., Cairo Univ., XXIX, No. 29, 287-292 (1981)

16-The effect of diluents and time elapsed after dilution of eye drop and komarov vaccines on the immune response of chickens. Bassiouni A. A., M. Samy Saber, F. E. Saad, **M. H. H. Awaad**, M. Mahrous and Y. I. Youssef. Egypt. Vet. Med. J., Cairo Univ., XXIX, No. 29, 279-286 (1981).

17- Some epidemiological aspects of Salmonella gallinarum infection in Japanese quail (*Coturaex coturnex japonica*). **Awaad M. H. H.**, H. M. Hafez, M. Z. El-Dimerdash and H. Krauss. Zbl. Vet. Med. B., 28, 704-712 (1981)

18-In vitro and vivo studies on the role of some anthelmintics in elimination of transferable drug resistance from resistant *Salmonella gallinarum-pullorum* strains. Bassiouni A. A. , F. E. Saad, **M. H. H. Awaad** and E. A. Munibary. Vet. Med J., Cairo Univ., XXX, 191 (1982)

19-In vitro detection of the antibiogram and of transferable drug resistance among *Salmonella gallinarum-pullorum* strains isolated from chickens. Bassiouni A. A., F. E. Saad, **M. H. H. Awaad** and E. A. Munibary Vet. Med J., Cairo Univ., XXX, 173-184 (1982)

20-Efficacy of indirect fluorescent antibody technique in diagnosing *M. gallisepticum* infection in chickens. **Awaad M. H. H.** , N. M.. Al-Zeftawi, E. E. A. Safwat, N. A. El-Danaf and A. S. Metwalli. Egypt. Vet. Med. Assoc., 42, No. 4, 21-30 (1982)

21-Investigation of polypeptide patterns of four Chlamydia psittaci strains by sodium dodecyl-sulfate polyacrylamide gel electrophoresis. **Awaad M. H. H.** and M. Arens. 38th Meeting Of The Dghm, Gottingen, Germany. Zbl. Bakt, I, Orig. A 251-452 (1982).

22-Influence of furazolidone and oxytetracycline on immune response after Newcastle disease vaccination. **Awaad M. H. H.**, A. M. W. Kheir El-Din, M. A. Bastami and F. E. Saad. Zagazig Vet. J., Iv, 1-9 (1982).

23-Further studies on the toxicity of some insecticides to Fayoumy chicks. **Awaad M. H. H.**, I. El-Husseiny, M. M. Shawki, S. Riad, and M. Belal. Zagazig Vet. J., Iv (A), 79-88 (1982).





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24-An outbreak of colisepticaemia in chicken caused by Escherichia coli serogroup 0124. Youssef Y. I., **M. H. H. Awaad** and A.. Hamouda. Vet. Med. J., Cairo Univ., 31, No. 1, 121-124 (1983).

25-Histopathological changes of Escherichia coli 0124 infection in chicken. Shawki M., **M. H. H. Awaad** and Y. I. Youssef. Vet. Med. J., Cairo Univ., 31, No. 1, 97-100 (1983).

26-Studies on dead in shell embryos of Japanese quail (*Coturnex-japonica*) eggs. **Awaad M. H. H.**, R. Weiss, M. M. Z. El-Dimerdash and H. M. Hafez. Vet. Med. J., Cairo Univ., 32, No. 1, 227-238 (1984).

27-Immunologischer vergleich der seren verschiedener vogelarten, insbesondere von tauben und puten. Hafez H. M., S. Rendemann, **M. H. H. Awaad** and J. Kosters. Zeitschrift fur fortschrittliche Veterinarmedizin, 65, No. 9, 736-739 (1984)

28-Studies on Pseudomonas aeruginssa, Proteus vulgaris and S. typhimurium infection in ducklings. Safwat E. E., **M. H. H. Awaad**, A. M. Ammer and A. A. El-Kinawy. Egypt. V. Animal Prod., 24, No. 1-2, 287-294 (1984)

29-Studies on the problem of omphalitis in chickens. Zahdeh A., A. A. Bassiouni and **M. H. H. Awaad**. Zootencnica International, July, No. 7, 41-45 (1985)

30- A study of chicken Klebsielllosis. Sarakbi T., A. A. Bassiouni, and **M. H. H. Awaad**. Zootencnica International, December, 55-60 (1985)

31-Pseudomonas infection in turkeys. Kheir-El-Din, A. W. and **M. H. H. Awaad**. Vet. Med. J. 33 (2) 211-218 (1985).

32-A research note on the treatment of naturally induced gangrenous dermatitis in chickens by copper sulfate. **Awaad M. H. H.** Vet. Med. J., Cairo Univ., 34, No. 1, 121-124 (1986).

33-Proteus infection in poultry in Egypt. Bassiouni A. A., M. H. H. Awaad and H. M. Zaki. First annual conference of the Egyptian Vet. Poultry Assoc., October, 83-92 (1987).

34-A comparative pathological study on infectious coryza experimentally induced in susceptible IGM - RF and spectinomycin - treated chickens. Afify M. M., M. O. El-Elshazly, **M. H. H. Awaad**, M. E. Hatem and Sahar A. Zouelfakar. Egypt J. Comp. Path.,, 4, No. 1, 135-149 (1991).

35-The effect of prepared immunoglobulins rich fractions against experimental Escherichia coli infection in chickens. **Awaad M. H. H.**, A. G. Hegazi, Laila Ali and M. A. Kutat. Vet. Med J., vol. 40, No. 3, 29-35 (1992).

36-A severe nervous disease in fancy pigeons caused by Paramyxo virus-1 in Saudi Arabia. Al-Afaleq A. I., E. M. E. Abu-Elzein, A. A. Gameel, **M. H. H. Awaad** and M. M. Hassanein. Revue Elev. Med. Vet. Pays trop., 46 (4) : 545-547 (1993).

37-Some epidemiological aspects of Pseudomonas aeruginosa in chickens. i-incidence and viability. **Awaad M.H.H.**; A.G. Hegazi; A.S.Hamouda and N.Rabie (1994). j. Union of Arab Biologists Vol. (A):365-372.

38-Usage of avian apotransferrin and Corynebacterium cutis lysate in controlling infectious bursal disease in chickens. **Awaad M. H. H.**, M. A. Kutkat, M. Zaki, Asia El-Sawy and F. A. El-Shobaki (1995). Beni-Suef, Vet. Med. Res. vol. 5, No. 1, 184-201.

39-Suspected acute Toxoplasmosis in sakar falcon (Falcon cherrug). Al-Ankari A. S., **M. H. H. Awaad** and M. A.



١٩٩٥ ندوة الحياة الفطرية وانماطها في منطقة مجلس التعاون لدول الخليج العربية - البحرين - ١٨-١٦ يناير Hilali.

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- 40-Studies on the effect of vitamin A on the immune response of chickens against fowl pox vaccine. **Awaad M. H. H.**, M. A. Bastami, Manal A. Afify, Mounira Nassar, A. Michael and W. A. G. Zagloul. J. of Egypt. Vet. Ass. of Immunology, vol. 1, 155-162, (1995).
- 41-Chicken anaemia virus outbreak in chickens in Saudi Arabia. Al-Ankary A., S., **M. H. H. Awaad**, M. O. El-Shazly and M. A. Al-Ramadan. Vet. Med. J., Giza, vol. 44, No. 3, 557-562, (1996).
- 42-Concomitant *Ornithobacterium rhinotracheale* (ORT) and *E.coli*. infection in chicken broilers. El-Gohary A. A. and **M. H. H. Awaad**. Vet. Med. J., Giza, Vol. 45, No. 1, 67-75, (1998).
- 43-Refinement of a common antigen for detection of paratyphoid carriers. **Awaad; M. H. H.**, J. R. Delocach, M. M. Zaki, S. M. Kamel and S. A. A. Nasef. Egypt.J.Vet. Sci., vol. 32, pp. 111-127 (1998).
- 44-Imminomodulation of organic acids in chickens. **Awaad, M. H. H.**, F. E. Saad, Manal A. Afify, M. O. Elshazly and Hala M. F. El Miniawy. SCVMJ, II (1) (1999).
- 45-Immunopotentiation of infectious bursal disease (ibd) vaccination. **Awaad; M.H.H.**, M.A. Kutkat, and F.A. El-Shobaki. Vet. Med. J., Giza. (2000). Vet. Med. J. Giza. 48, No.1:27-33.
- 46-Immunopotentiation of acidifiers in cyclophosphamide treated chickens. **Awaad, M.H.H.**, F.E.Saad, O.A. Elshazly, Manal A. Afify, Sahar A. Zouelfkar and Hala F. El Menyawi. Vet. Med. J. Giza (2000) 48,No.1:145-160.
- 47-Characterization of *Haemophilus paragallinarum* isolates using sodium dodecylsulphate polyacrylamide gel electrophoresis. **Awaad,M. H. H.**, M. M. Zaki, R. M. Osman and H. M. Toughan World's Poultry Congress 2000, Montreal, Canada / August 20 – 25 (2000).
- 48-Immunostimulatory properties of inactivated *Propriobacterium granulosum* (im-104®)1: in non-immunosuppressed chickens. **Awaad, M.H.H.**, Sahar A. Zouelfkar, O.A. Elshazly, Manal A. Afify, and Iman, B. Shaheed. J. Egypt. Vet. Med. Ass. 60, No.7:137-148, (2000).
- 49-Anticoccidial efficacy of Salinomicin Semduramicin combination in chicken broilers. **Awaad, M. H. H.**,Manal A. A. Afify Sahar Zouelfakar, Aziza El-Kasaby and Hilali M.A. J. Egypt. Vet. Med. Ass. 61,No.4: 351-362, (2001).
- 50-Updating surveillance of Paramyxoviruses other than Newcastle disease in Egypt. Suzan S. El-Mahdy, Elham A. El-Ebiary, A. M. Daoud, **M. H. H. Awaad** and Nadia M. Hassan. XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, 2001.pp.284.
- 51-Isolation and identification of paramyxoviruses other than newcastle disease virus from broiler and layer flocks in Egypt. Suzan S. El-Mahdy, **M.H. H. Awaad**, M. M. Amer and Nadia M. Hassan (2001). XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, 2001.pp.283.
- 52- Isolation and identification of paramyxoviruses other than newcastle disease virus from broiler and layer flocks in Egypt. Suzan S. El-Mahdy, **M.H. H. Awaad**, M. M. Amer and Nadia M. Hassan (2001). XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, 2001.pp.283.
- 53-*Pasteurella haemolytica* in ostrich in Egypt. Youssef, H. M. Z., Hassanin, Z. A. W., El-Mongy FF. A. and **Awaad**,



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M. H. H. (2001). J.Egypt. Vet. Med. Ass. 61, No.6C:259-265.

54-Effect of volatile oils on concomitant infection of *Ornithobacterium rhinotracheal* “ORT” and velogenic viscerotropic newcastle disease “VVND” in broiler chickens. **Awaad ,M. H. H.**, A. A. El-Gohary and H. A. Sultan (2002). Vet.Med.J., Giza. Vol.50, No.2:289-298.

55-Evaluation of *Enterococcus faecium* and oligosaccharides to reduce caecal colonization and organ invasion of *Salmonella typhimurium* in broilers. **Awaad, M. H. H.**, Sahar A. Zouelfakaar and Manal A. Ali (2003). J. Egypt. Vet. Med. Assoc.63, No. 1:55-62.

56-Effects of “*Pediococcus acidilactici*” on zootechnical performance and *E.coli* infection in broiler chickens. **Awaad, M. H. H.**, Sahar A. Zou-Elfakar, M. O. El-shazly, Manal, A. Afify and A. H. Osman (2003). Vet. Med. J., Giza. 51, No.2: 273-281.

57-Immunopotentiation properties of *Propiobacterium granulosum* versus vitamin “E” in cyclophosphamide immunosuppressed chickens. Manal A. Afify, O. A. El-Shazly, Sahar A. Zoulfakar, Iman, B. Shaheed and **M. H. H. Awaad** (2003). Vet. Med. J., Giza. 51, No.2: 257-272. {XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, 2001. pp.244.

58-Effect of *Pediococcus acidolactici* and *Saccharomyces boulardii* on intestinal and caecal colonization of *Salmonella typhimurium* and *Clostridium perfringens* in broiler chickens. **Awaad M. H. H.**, Manal, A. Ali, Sahar A. Zouelfekaar and Basma Shalaby (2003). Egypt. J. Vet. Sci. 37: 124-133.

59-Effect of symbiotic as immunomodulator on humoral and cell mediated immunity in immuno-compromized broiler chickens. Manal. A. Ali, Sahar A. Zoulfkar M.O. El-Shazly and **M. H. H. Awaad**. (2003). Egypt. J. Vet Sci. 37: 135-146.

60-Anticoccidial efficacy of steroidal sapogenins (organic coccidiostate) in broiler chickens (semi-field) trials. **Awaad, M. H. H.**, Manal A. A. Afify, Sahar Zouelfakar and M. A. Hilali (2003). Egyptian Veterinary Medical Society of Parasitology Journal (EVMSPJ), I (1):123-137.

61-Characterization of Egyptian field strains of infectious bursal disease virus. Goma A. Abdel-Alim, **M.H.H.Awaad** and Y.M. Saif (2003). Avian Diseases 47:1452-1457.

62-Modulating the immunosuppressive effect associated with infectious bursal disease virus infection or vaccination in layer chickens using certain immunostimulants. **Awaad, M. H. H.**, Abdel-Alim G., Suzan El-Mahdy and Iman Shedad (2004). 6th Sc. Cong. Of the Egyptian Veterinary Poultry Association.

63- Effect of *Pediococcus acidilactici* on layer hens serum/yolk cholesterol, egg quality, and intestinal / egg shedding of *Salmonella enteritidis*. **Awaad, M.H.H.**, M.H.Amer,G.A. Zohair, A. Atta, M. Elmeniawy and M.A. Elkholy (2005). Vet. Med. J., Giza,53, No.2:489-499.

64- Clinical evaluation of clindamycin - spectinomycin compound on complicated chronic disease (CCRD) and caecal and intestinal colonization of *Clostridium perfringens* in broiler chickens. **Awaad M.H.H.**,G.A. Abdel-Alim, Kawakab A. Ahmed, and Basma Shalaby (2005). Vet. Med. J., Giza,53, No.2:501-514.

65-Prevention of chicken ochratoxicosis immune dysfunction by probiotics. **Awaad M.H.H.**, G.A. Abdel-Alim,



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- K.Madian, Kawakab A Ahmed, and A. El-Nabarawy (2005). Vet. Med. J., Giza,53,No.2:473-488.
- 66-The role of certain biological products in control of chicken colibacillosis. Youseif, H.M.Z., K. El-Deen Hussein and **M.H.H. Awaad (2005)**. Assiut Vet. Med. J. Vol. 51 No. 105 April 2005.
- 67-Ameliorating effect of immunostimulants on ochratoxicated broiler chickens. Abdel-Alim G. A., K. Madian, Kawkab A. Ahmed, A. El-Nabarawy, and **M. H. H. Awaad (2006)**. 7th Sci. Conference of the EVPA, March 6-9th 2006. 110-128
- 68- Concomittent Effect Of Bovine IgG rich-fraction and Probiotics In Controlling Chicken. Colisepticaemia. **Awaad, M. H. H.**, K. Madien, Wafaa A. Abd El-Ghany and A. Etman (2008). 8th Sci. Conference of the EVPA, March 10-13, 2008 162-173.
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