

## Curriculum Vitae

### personal Information

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

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### Educational Qualifications

Ph. D., Faculty of Veterinary Medicine, Cairo University, 1975
M. Sc., Faculty of Veterinary Medicine, Cairo University, 1972
B. Sc., Faculty of Veterinary Medicine, Cairo University, 1968

### Academic Positions

Professor, Poultry Diseases Department, Faculty of Veterinary Medicine, Cairo University, 1984
Associate Professor, Poultry Diseases Department, Faculty of Veterinary Medicine, Cairo University, 1979
Lecturer, Poultry Diseases Department, Faculty of Veterinary Medicine, Cairo University, 1975
Assistant Lecturer, Poultry Diseases Department, Faculty of Veterinary Medicine, Cairo University, 1972
Demonstrator, Poultry Diseases Department, Faculty of Veterinary Medicine, Cairo University, 1968

### Administrative positions

Deputy head of Department of Veterinary Medicine and Poultry Diseases, Faculty of Veterinary Medicine, Cairo University from September 1987- September 1991
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
Head of the Department of poultry diseases Faculty of Veterinary Medicine, Cairo University June 1996 – 2005.
Head of the Department of poultry diseases Faculty of Veterinary Medicine, Cairo University June 2007-2008.

**Thesis Title**

M. Sc.	Studies on colibacillosis in chickens.
Ph. D.	Studies on <i>E.coli</i> 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, Faculty Faculties of Agriculture, Egypt and Saudi Arabia.
- 3-Supervised 30 M.V.Sc. and 27 Ph.D. research projects in the domain of Poultry diseases.
- 4-Research experience in the domain of Poultry diseases (73 published articles).
- 5-A technical consultant of many poultry production companies in the private and governmental sectors.
- 6-A member of the International Veterinary Poultry Association.
- 7-A member of the Egyptian Veterinary Nutrition Association.
- 8-A member of the “directing board” of the Egyptian Veterinary Poultry Association.
- 9-General secretary of the Egyptian Veterinary Poultry Association (1988-1999).
- 10-Secretary of 2<sup>nd</sup>.Scientific Conference of the Egyptian Veterinary Poultry Association- March, 12-14, 1990).
- 11-A member of Proceedings Editorial Board of 4<sup>th</sup>.(March,5-7, 1996) and 5<sup>th</sup>.(March, 3-5, 1998) Scientific conference of the Egyptian Veterinary Poultry Association.
- 12-Member, Egyptian Syndicate of Veterinarians number 1620 (1968- Date)
- 13-One of the authors of a book Published by Faculty of Veterinary Medicine, Cairo University “ Guide to Diseases and Parasites of Poultry and Rabbits ”

**Projects**

**Sharing** in the project of the Academy of Scientific Research and Technology on Production of poultry feeding mixtures (1984–85).

**P.I.** of NARP (national agriculture research program) funded research project entitled “Breeding program for the development of five egg type breeds of chickens”, Grant CAN 424 AN 43 (1990–1991).

**P.I.** of a KACST (King Abdulaziz City for Science and Technology) Funded national research project concerned with studying the “ologies of moralities of Poultry” in the Kingdom of Saudi Arabia, Research pr project NO. AT-10-30 (1991 – 1995).

### **Awards**

Cairo University Prize in Poultry Diseases (1984).

### **Professional Qualifications**

### **Conferences**

1-38<sup>TH</sup> Meeting of the DGHM, Gottingen, Germany. Zbl. Bakt, I, Orig. A 251-452 (1982)

2-First annual conference of the Egyptian Vet. Poultry Assoc., October, 83-92 (1987).

3- ندوة الحياة الفطرية وانمائها في منطقة مجلس التعاون لدول الخليج العربية - البحرين - ١٦-١٨ يناير ١٩٩٥

4-World’s Poultry Congress 2000, Montreal, Canada / August 20 – 25.

5-XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, 2001.pp.284.

### **Training courses**

### **Computer Skills**

Word, Excell and Power point.

### **Language Skills**

Arabic, English, German.

## Professional Memberships

Alexander Von-Humboldt (Germany).

## Other activities

-Member of Continual Scientific Committee for Poultry and Fish Diseases, Veterinary Education Sector, Supreme Council of Universities (1999-Date).

-Member of Continual Scientific Committee Animal Health Research Institute, Agricultural Research Center, Ministry of Agriculture (2000-Date).

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

-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 colicinogenicity 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. Kheir 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 (*Coturnix coturnix 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 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).
- 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 (*Coturnix-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. Kusters Zeitschrift fur fortschrittliche Veterinarmedizin, 65, No. 9, 736-739 (1984).
- 28-Studies on *Pseudomonas aeruginosa*, *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 Klebsiellosis 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 Paramyxovirus-1 in Saudi Arabia. Al-Afaleq A. I., E. M. E. A 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. Hilali. ندوة الحياة الفطرية وانمائتها في منطقة مجلس التعاون لدول الخليج العربية - البحرين - ١٦-١٨ يناير ١٩٩٥
- 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-Immunomodulation 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-Immunopotential 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-Immunopotential 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 propiobacterium 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 Salinomycin Semduramicin combination in chicken broilers. **M. H. H. Awaad**,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-Certain epidemiological aspects of duck cryptosporidiosis. **M. H. H. Awaad**, A. A. El-Gohary, O. A. El-Shazly, T. M. A. El-Hak, M. Hilali and A. A. S. Mousa (2001). XII International Congress of The World Veterinary Poultry Association Cairo – Egypt 17-21 September, 2001.pp.209.
- 53-Pasteurella haemolytica in ostrich in Egypt. Youssef, H. M. Z., Hassanin, Z. A. W., El-Mongy FF. A. and **Awaad, 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. **M. H. H. Awaad**, 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. **M. H. H. Awaad**, Sahar A. Zouelfakaar and Manal A. Ali (2003). J. Egypt. Vet. Med. Assoc.63,No. 1:55-62.
- 56-Effect of “pediococcus acidilactici” on zootechnical performance and E.coli infection in broiler chickens. **M. H. H. Awaad**, 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-Immunopotential 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. **M. H. H. Awaad**, Manal, A. Ali, Sahar A. Zouelfekaar and Basma Shalaby (2003). Egypt. J. Vet. Sci. 37: 124-133.
- 59-Effect of synbiotic 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. **M. H. H. Awaad**, Manal A. A. Afify, Sahar Zouelfakar and M. A. Hilali (2003). Egyptian Veterinary Medical Society of Parasitology Journal (EVMSPJ), 1 (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 Sheded (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. Elmenawy and M.A. Elkholi (2005). Vet. Med. J., Giza,53,No.2:489-499.
- 64- Clinical evaluation of clindamycin-spectinomycincompound 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, 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. M. H. H. Awaad, K. Madien, Wafaa A. Abd El-Ghany and A. Etman (2008). 8th Sci. Conference of the EVPA, March 10-13, 2007 162-173.

69- The Effect Of Bovine IgG-rich fraction In Controlling Colisepticaemia In Broiler Chickens. Hassanain, Z.A.W.,H.M.Z Youseif, Laila A. Tantawi, K. El-deen Hussein, and **M. H. H. Awaad** (2008). Monofia Vet. J. Vol.5 No.1, 97-109.

70-The immunostimulant effects of peppermint and eucalyptus essential oils in chickens M. H. H. Awaad, G. A. Abdel-alim, K. S. S. Sayed, kawkab, A. Ahmed, A. A. Nada, A. S. Z. Metwalli and alkhalf, N.A. alkhalf. (2009). Pakistan J. 30 (2), 61-66.

71-Modulating Effect of Peppermint and Eucalyptus Oils In Infectious Bursal Disease Immunocompromised Chickens. **Awaad, M. H. H.**; G. A. Abdel- Alim,; K. S. S. Sayed,; Kawkab, A. Ahmed; A. A. Nada and A. S. Z. Metwalli,(2009). Vet Med.Giza Congress October.

72-Experimental study on the efficacy of some commomly used anticoccidial drugs in controlling of coccidiosiswith mixed field isolates in broiler chickens. M.M.Amer, **M.H.H.Awaad**, Nadia M.N. Abo-Elezz, Rabab M. El-Khateeb, A. Sherein Said, M.M.Ghetas and M.A. Kutkat (2010). World Applied Sciences Journal 9 (4)359-366.

73-Isolation and Identification of Eimeria from Field Coccidiosis in Chickens. M.M. Amer1, **M.H.H. Awaad**, Rabab M. El-Khateeb, Nadia M.T.N. Abu-Elezz, A. Sherein-Said , M.M. Ghetas and M.A. Kutkat (2010). Journal of American Science;6(10).

74-Effect of a Specific Combination of Mannan-Oligosaccharides and  $\beta$ -Glucans Extracted from Yeast Cell Wall on the Health Status and Growth Performance of Ochratoxicated Broiler Chickens. **M. H. H. Awaad**, A. M. Atta, Wafaa A. Abd El-Ghany, M. Elmenaway, K. Ahmed; A. A. Hassan, A. A. Nada and G. A. Abdelaleem.Journal of American Science, 2011;7(3) <http://www.americanscience.org>

**Publications statistic**

Journal's Publication		Conference's Publication		Authors			Total
Local	International	Local	International	Single	Shared		
					Internal	External	
54	20	1	4	1	54	20	74