

Personal C.V



1 -Basic INFO

Full Name : Azza Mohamed Kamal

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2-Education

School/college/university/Other	Degree obtained	Dates(from-to)
Faculty of Vet.Med., Cairo University	Ph.D	1993-1998
Faculty of Vet.Med., Cairo University	M.Sc.	1990-1993
Faculty of Vet.Med., Cairo University	B.Sc.	1974-1979

3 TRAINING:

Training attended/Technical skills acquired	Place	Dates(from-to)
Advanced techniques for the development and protection of animal resources	National research center	2010 (3days)
Work shop in Nano technology in vet .medicine.	Animal Health Research Institute, Agricultural ResearchCenter, Gizza, Egypt	2010 (1day)
Advanced course in Egyptian society of biochemistry and molecular biology (ESBMB).	Ain Shams University,Guest House ,Cairo Egypt.	2009 (2days)
Internal auditing for calibrating and testing laboratory according to ISO/IEC 17025	Animal Health Research Institute, Agricultural ResearchCenter, Gizza, Egypt	2009 (5days)
Training program on pharmaceutical and Biopharmaceutical production , quality and control	The international consultancy center (ICC) ,Cairo .	2009 (5 days)
Toifel course	Ain Shams University-center for developing English teaching (EDEL T)	2009 (2 month)
ICDL course	Naser city Select Institute.	2008 (2 month)
Work shop in Veterinary medicine and consumer protection	National Research center – Cairo- Egypt.	2008

		(1day)
The valuable participation and scientific contribution in the Middle East and North Africa Animal Wealeh Research Conference.	Cairo international convention center-Cairo-Egypt.	2008 (3days)
Work shop in the Egyptian society for medical science	Cairo university collage of medicine	2007 (1day)
Association of Egyptian Veterinary medicin	The Collage of Veterinary Medicine-Cairo-Univercity.	2007 (3days)
Advanced course in separation and identification of bacterial and fungal mycotoxin in animal feed.	Animal Health Research Institute, Agricultural ResearchCenter, Gizza, Egypt	2006 (1week)
Advanced course in the using of PCR in laboratory diagnosis	Animal Health Research Institute, Agricultural ResearchCenter, Gizza, Egypt	2006 (1 week)
Advanced course in "Residue Analysis of Food of Animal Origin to be Safe for Human Consumption"	Animal Health Research Institute, Agricultural ResearchCenter, Gizza, Egypt	2005 (12day)
Advanced course in "The use of antibiotics and medication and its bad effect on health of human and animals.	Animal Reproduction Research Institute, Agricultural Research Center, Gizza, Egypt	2005 5ay)(
Advanced course in "The neonate farm animals"	Animal Reproduction Research Institute, Agricultural Research Center, Gizza, Egypt	2005 (5day)
Advanced course in Molecular biotechnology protocol for continuous medical education.	The medical research center , faculty of medicine , Ain Shams University.	2004 (3 day)
Advanced course in Basic programming and the use of international computer for knowledge.	Animal Health Research Institute Agricultural Research Center, Gizza, Egypt	2002 (2 week)

4 EMPLOYMENT HISTORY:

Employer	Position	Dates(from-to)
Animal Health Research Institute (AHRI), Giza, Egypt	Chief researcher, biochemistry and Nutritional Deficiency Disorders/ clinical chemistry	2010- 2016
Animal Health Research Institute (AHRI), Giza, Egypt	First researcher , biochemistry and Nutritional Deficiency Disorders/ clinical chemistry	2004-2009
Animal Health Research Institute (AHRI), Giza, Egypt	Researcher, biochemistry and Nutritional Deficiency Disorders/ clinical chemistry.	1999-2004
Animal Health Research Institute (AHRI), Giza, Egypt	Assistant researcher, biochemistry and Nutritional Deficiency Disorders/ clinical chemistry.	1998-1999
Animal Health Research Institute (AHRI), Giza, Egypt	Chemist, Chemistry and Nutritional Deficiency Disorders/ clinical chemistry Consultant	1994-1998
Veterinary hospital in Abassia -Egypt	Vet .doctor for treatment of all species of large and small animals.	1980-1994

5- FIELDS OF INTEREST:

- Clinical Chemistry and Molecular Biology.
- Bio-analytical Chemistry and Molecular Diagnosis of Infectious Diseases
- Miniaturized Biosensors, bio-chips (microarray) and lab on-chip (LOC) fabrication.
- Preparation and characterization for environmental and biomedical applications.

-Carry on research work on the nutritional deficiency disease , metabolic disease and biochemical changes in serum ,urine, milk or tissues due to these disease or metabolic changes .

-Analysis of liver function tests , kidney function tests , antioxidants ,oxidants ,lipid profile , proteins ,minerals, enzymes, metabolites,hormones .

6-Publications and Patent:

- **El-Badawi A.Y.; Yacout M.H.M.; Salma H.AbuHafsa ; Hassan A.A. ; Khalel M.S. and Azza M. Kamal (2015) :** Application of ozone treatments on growing male Rabbits. Global journal of animal science , Livestock Production and Animal Breeding.ISSN: 2408 – 5510 . Vol.3 (5), pp. 186-195, September .

- **Yasmin , M.M. Mahmoud ; Yacout M.H.M. ; Azza M. Kamal ; El- Bltagy E.A. ; Abdel – Salam O. and Mohamed H.B. (2014):** Effect of Basil As Feed Additive on Digestibility cows performance , growth and diarrhea incidence of their suckling calves. Egyptian j. Nutrition and feeds , 17 (3) : 445-455.

-**Azza M. Kamal and Naela M. Ragaa(2014):**Effect of Dietary Supplementation of Organic Acids on Performance and Serum Biochemistry of Broiler Chicken. Nature and Science 2014;12(2).

- **AzzaM.Kamal ;Ibtisam M. Azzam ; Hafez y.H. ; El-Badawi A.Y. ; and Faten F. AbouAmmou (2012) :** Nutritional Evaluation of Fungal-yeast probiotic fortified with natural antioxidants on performance of sheep . Egyptian j. Nutrition and feeds (2012) , 15 (2) : 295-310.

- **Abonorag,M. A.; Maha, Z. Gaber; Hanan A. Azoz and Azza M. Kamal (2011) :** Effect of probiotic fed supplementation on mycotic infection in molar duck. Proc. of the 4th Animal Wealth Research Conf. in the Middle East & North Africa, 3-5 October pp. 309-329.

- **Hossam E.M. Sayour, Kamla M. El-Saied, Azza M. Kamal, Bassem G. A.Fahmy, Rawdat A. Metawie, Aida M. Amin, Amal M. Hosny, SafwatF.Youssef, Sahar A.A. Ali and Naglla S. Abd Allah(2010):** FABRICATION AND VALIDATION OF CUSTOM-MADE PH RAPIDTEST AS SMART SOLUTION IN AQUACULTURE CONTROL.Biomedical and Environmental Chemistry Unit, Chemistry and Nutritional Deficiency Disorders Dept., Animal Health Research Institute (AHRI).Proc. of the 3rd Animal Wealth Research Conf. in the Middle East & North Africa 29th Nov. – 1st Dec., (2010) pp. 414 – 420.

-Soheir M. El Manyawe , M.A.M. Abdel Rahman , A.M.I. Abd El Aal , Azza M. Kamal and Samira A. Snousi (2010): Prevalence of some protozoa and its effects on biochemical changes in goats in Cairo, MarsaMatrouh and El-Wadi El- Gadid provinces

-Ibtisam, M. Ibrahim, Azza M. Kamal and El-Manyawe, S. M (2009).: Clinico-pathological and biochemical changes of toxic effects of the extracts of *Sarcocystisfusiformis* on laboratory mice,Egyptian Journal of applied sciences ,24 (6B) , 456 - 479 , 2009.

-AzzaM.Kamal ,Taheiaabd El- Hakim and Adel M.Abu-Taleb (2008):Some biochemical changes in serum and tissues of broilers exposed to cadmium and trial to reduce its effect by zinc supplementation , Isotope & Rad.Res.,40 (2) , 503-514 .

-AzzaM.Kamal and Amany Y. M. Rashed (2008): Protective role of lipoic acid against peroxidative cell damage and its effect on performance parameter in rabbits, Egyptian.J.of Nutrition and feeds , 11 (2) : 353-364..

-Azza M Kamal,TaheiaAbd El-Hakim and SafaaS.Abd-El Hamid(2008):THE EFFECT OF DIETARY ALUMINIUM SULPHATE ON BLOOD BIOCHEMICAL CONSTITUENTS AND GROWTHPERFORMANCES IN BROILERS"Proc. Of Middle East & North Africa Conf. for Future of Animal Wealth , Cairo International Convention Center , Egypt , 16-18 –October ,2008 , 358-372.

-AZZA M.Kamal and Omar A. Salama-(2008) "Lipid fractions and fatty acid composition of colostrums, transitional and mature she-camel milk during the first month of lactation “Asian J of Clinical Nutrition 1 (1): 23 – 30.

-AzzaM.Kamal ;TaheiaAbd El-Hakem and AmalM.Hosney (2008):- “Influence of some organic acids supplementation on growth performance and some biochemical parameters in growing Rabbits”Egyptian Journal of comparative pathology & clinical pathology ,vol.21 No.4 (December) ,174 - 189 , 2008.

-AzzaM.Kamal , WakWak M.M. and Taheiaabd El- Hakim (2007):Synergistic Influence of Some Supplements To Augment Bioavailability of Protein, Starch And FatIn Broilers, Egypt .J.of Appl. Sci., 22 (4B),340-349.

-Azza M. Kamal (2007):Effect of adding dietary vegetable oils with/or without α -tocopherol on lipid oxidation in serum and tissue of Rabbits,Egyptian.J.of Nutrition and feeds , 10 (1) : 165-178.

-Azza M. Kamal and S.A. Awadalla (2007) :Effect of levels of Protein and Amino Acids (Methionine and Lysine) on some biochemical parameters and performance of broilers, Egypt J. vet. Med.Assoc. 67,No 2: 123-134.

-Azza M. Kamal and NehadAtef(2007): Effect of phytase supplementation on the performance , serum and bones biochemical changes of Turkeys. Egypt J.Biomed.Sci.vol.23,March,185-195.

-AzzaM.Kamal(2007):" EFFECT OF ADDING DIETARY VEGETABLE OILS WITH/OR WITHOUT α -TOCOPHEROL ON LIPID OXIDATION IN SERUM AND TISSUE OF RABBITS"Egyptian Journal of Nutrition and Feeds ,10 (1): 165 – 178 , 2007.

-Azza M Kamal, Omar A. Salama&Kamla M El – Saied (2007):- "Changes in Amino Acids profile of Camel Milk protein during the Early Lactation .International journal of dairy science 2 (3):226 – 234, 2007

-AzzaM.Kamal and TaheiaAbd El-Hakem, (2006):“Some biochemical indices after supplementation of Camel milk” Egyptian Journal of applied sciences ,21 (12A) , 1-9

-Kariman D. Hassanin;AzzaM.Kamal and Kamla M. El- Saied(, 2006):- “SOME HAEMATOLOGICAL, BIOCHEMICAL AND HORMONAL CHANGES IN SHE-CAMELS DURING THE POST PARTUM PERIOD”Egyptian Journal of applied sciences ,21 (10A) , 1-10 .

-Kamla El Saied, Azza M. kamal and Hanan.El.Huwairy (2006): “ ENHANCED REDUCTION OF SERUM ASCORBIC ACID AND ALTERATION IN BLOOD TRACE ELEMENT IN SHE-CAMEL WITH MASTITIS”Egyptian Journal of comparative pathology & clinical pathology ,vol.19 No.3 ,85-97 , 2006.

-Azza M. Kamal ,Soheir El-manyawe and Nagwa S. Atta (2006):- " Some biochemical alteration in unthriftenessBuffaloe calves with special references to mineral metabolic status" .Egyptian Journal of Basic and applied physiology , 5(1): 105-115 (2006)

-AzzaM.Kamal ,Kamla M. El- Saied and Doaa F. Teleb (2006):-“Effect of some feed additives act as growth promoters in broilers” The third conference on the role of biochemistry in environment and agriculture – may 3-4 , 167 – 179 .

-Abd El-Nasser,Bayoumi,AzzaM.Kamal,Hodda Ali, M.Marzook and Awadalla A.S.(2004) :Studies on the effect of some feed additives on the Growth, Health and Immunity of Nile Tilapia .Egyptian Society for AnimalReproductionand Fertility- Sixteenth Annual Congr. in Aswan 25-29 January ,65-87.

-Omnia F.H.Badawy ;SoumayaS.A.Shafii ; E.E. Tharwat and Azza M. Kamal.(2004) :Preliminary study of antibacterial effect of honey on diarrhoeic bacteria of zoonotic importance.J. of Arab Alliance for the prudent use of antimicrobials , The Third Arab Symposium for antimicrobial Agents , March , 25th -27th , p.p.12-23 .

-Ibrahiem , A. Ibrahiem ; Mohamed T.Emara ; Mohamed K.ElMosalmi ; TalibA.Elam ; AzzaM.Kamal ; FathiF.Mahmoud and SabryA.awadalla.(2004) : Effect of feeding onion and

/or garlic on carcass trait and on serum constituents of broiler muscovyducks. The first sci. Fac. Vet. Med. Moushtohor, Benha – Ras Seder, Sept. 1-4, 285-308.

-Azza M. Kamal and Gehan Ragab: Effect of onion and /or garlic as feed additives on blood, tissue constituents and growth performance in Muscovy Ducks. Veterinary Medical Journal – vol.(51)- No.(2):161-175- 2003.

-Hossam A. Abdellatif and Azza M. Kamal: Effect of phytase supplementation on the performance of broilers grown to market weights. Veterinary Medical Journal – vol.(51)- No.(3): 343-353 - 2003.

Presented at the 11th European Poultry Conference from 6th to 10th September 2002 in Bremen, Germany with poster

-Gehan Ragab – Azza M. Kamal and Fathy A. Ghalaf Alla: Studies on the effect of gamma irradiation on the chemical and microbial parameters of chilled minced Beef meat. Veterinary Medical Journal – vol.(50)- No.(4A):559-569- 2002.

-Azza M. Kamal and Sabry A. Awadalla: Effect of Garlic and/or Onion on the production and performance of Goats. Egyptian Society for Animal Reproduction and Fertility- Fourteenth Annual Congr. in cooperation with Egyptian Vet. Nutr. Assoc. Giza 2-7 February : 141- 152- 2002

-Eman Noaman, Ahmed Zahran, Azza M. Kamal and Manar Omran: Vitamin E and Selenium administration as a modulator of antioxidant defence system. Biological Trace Elements Research – vol (86) : 55-64-2002.

-Azza M. Kamal and Sabry A. Awadalla : Influence of feeding polyunsaturated fatty acids and / or Tocopherol acetate on some biochemical changes, performance and immune response of broiler chickens. Journal of the Egyptian Veterinary Medical Association – vol.(61), No.(3) : 293-307-2001.

-Azza M. Kamal: Effect of some environmental pollutants in Oreochromis Niloticus fish of Ismailia canal and their relation to public health. Journal of the Egyptian Veterinary Medical Association- vol.(61) – No.3 : 387-400 - 2001.

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