



1 -PERSONAL DETAILS:

Surname	Hanan Ahmed Tag El-Din.				
Other names					
Title	Chief Researcher (professor doctor)				
Gender	Female				
Address	258 Terat El-Gabal,				
	El-Zeitoun,				
	Cairo, Egypt				
				Post code	
Telephone Numbers	02 22820968			Evening	
Mobile	0100- 1167615			E.mail	Tageldin_64@hotmail.com
Date of birth	Feb	21	1964	Place of birth	Cairo, Egypt

2 -Education

School/college/university/Other	Degree obtained	Dates(from-to)
Faculty of Veterinary Medicine, Cairo University	Ph.D	1996-2000
Faculty of Veterinary Medicine, Cairo University	M.Sc.	1991-1995
Faculty of Veterinary Medicine, Cairo University	B.Sc.	1982-1987

3 –Training

Training attended/Technical skills acquired	Place	Dates(from-to)
Developing,Evaluating and Validating Standard Operating Procedures (SOPs)	Joli Velli – Sharm ElSheikh ,Egypt. Sandia National Laboratories	9-2-2015
Biorisk Characterization and Evaluation	Joli Velli – Sharm ElSheikh ,Egypt. Sandia National Laboratories	8-2-2015
Strategy of biosafety for controlling risks	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2013 (5 days)
SPE Sample Preparation Workshop – Agitech.	Intercontinental Cairo - Citystars Hotel.-	2013 (one day)
Waters Food Safety &Enviromental Seminar .	Intercontinental Citystars Hotel –Al Hambra Ballroom..	2012 (one day)
Work shop on the uses of LC-MS/MS in detection of hormonal ,drugs and insecticides residues .	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2012 (one day)
Application of Nanotechnology Science in Medicine Field .	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2012 (5 days)
Work shop on SOPS	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2011 (3 days)
Pyrogen test on biological &pharmacological materials	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2009 (5 days)

Accreditation of laboratories and application Of ISO 17025 system.	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2009 (5 days)
TOEFL	The American university in cairo	2009
ICDL(international computer driving licence)	National Management Institute	2009
Accreditation of laboratories and application Of ISO 17025 system.	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2009 (12 day)
Training Courses in chromatography and the applied theories for its different types.	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2008 (3days)
Training Courses in Computer skills, (Windows 98 and Power Point).	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2003 (28 day)
Training courses in recent techniques used for food inspection of animal origin.	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2001 (12days)
Training courses in recent techniques to detect malignant tumors in farm animals.	Animal Health Research Institute, Agricultural Research Center, Giza, Egypt .	2001 (12days)
Scientific writing	Cairo University	1991 (1 month)

4 -Employment history

Employer	Position	Dates(from-to)
Animal Health Research Institute	Head of hormonal Unit -	12-2014 till

(AHRI), Giza, Egypt	Chemistry and Nutritional Deficiency Disorders Department	present
Animal Health Research Institute (AHRI), Giza, Egypt	Chief Researcher , Chemistry and Nutritional Deficiency Disorders Department .	2010-present
Animal Health Research Institute (AHRI), Giza, Egypt	Senior Researcher, Chemistry and Nutritional Deficiency Disorders Department /Hormonal unit	2005-2010
Animal Health Research Institute (AHRI), Giza, Egypt	Researcher , Chemistry and Nutritional Deficiency Disorders Department /Hormonal unit	2000-2005
Animal Health Research Institute (AHRI), Giza, Egypt	Research assistant, Chemistry and Nutritional Deficiency Disorders Department / Hormonal unit	1999-2000
Animal Health Research Institute (AHRI), Giza, Egypt	VET, Chemistry and Nutritional Deficiency Disorders Department / Hormonal unit .	1991-1999

5 -Membership of professional association

Professional body	Level of membership	Year of award
Chemistry and Environmental health association	Member of the managing director	2014
Egyptian biosafety association	Member	2010
Association of Research Members of Agricultural Research Center (ARMARC).	Member	2006

Environmental Friends Association.	Member	2006
Egyptian Association for Sheep and Goats.	Member	2005
Physiological Science and Application Society.	Member	2004
Egyptian Society of Applied Sciences.	Member	2004
Egyptian Society of Veterinary Medicine, Cairo, Egypt.	Member	2004

6 -FIELDS OF INTEREST

- Clinical Chemistry and Molecular Biology.
- Bio-analytical Chemistry and Molecular Diagnosis of Infectious Diseases.
- Detection of different insecticide in different tissues of animal origin .
- Detection of hormonal residues in different tissues of animal origin .
- Detection of different hormones in serum and plasma of different animals .
- Detection and prevention of environmental pollutants such as heavy metals in fish aquacultures .

7 -Publications and Patent

1. Mehanny, P.E; Somaya, O. El Deeb; Hanan, A. Tag El- Din; Hanan, M. Sobhy; Mogda, K. Mansour and Noha, A. Mahana (2015): Effects of curcumin on diazinon-induced biochemical and cytogenetical alterations in male rats. Egy. J Chem.Environ.Health ,1 (1) : 914-932 .

- 2. Hussein, Y. S.; Maha A. El-Koly; Hanan, A. Tag El-Din and Mogeda K. Mansour (2015) :** Leptin in farm animal: Productive and reproductive effects . Egy. J. Chem.Environ.Health ,1 (1) : 588 – 612 .
- 3. Hanan ,A. Tag El-Din ;Safaa ,M. Abo El -Soud ; Samira ,A.A. Snosy ;Khalied ,El- Ekhnawey and Faten, G. El-Said (2015) :** A trial to pinpoint some causes of infertility in ewes from the New Valley government . Egy. J . Chem.Environ.Health ,1 (1) : 134 – 152 .
- 4.Teleb ,D.F. ;Hassan ,N.A. ; Tag El –Din,H.A ; Abou El Soud ,S.M. and. Hassan ,O.M. (2014) :** Study on Levels of Some Blood Hormonal and Biochemical Constituents During Different Reproductive Status in Saidi Ewes . Eyp. J. Sheep &Goat Sci . ,9(3) :105-113 .
- 5.Mansour,M.K. ; Tag El –Din,H.A. ; Abou El Soud ,S.M. and Abo Norag ,M.A. (2014) :** Atrial to ameliorate the toxic effect of aflatoxin in rabbits .J.Vet.Sci ,1 (1) :15-25 .
- 6. Hassan ,O.M. ; Tag El –Din,H.A. ;Hassan,N.A. and Salem ,G.S.E. (2014) :** A comparison between some methods used for extraction and estimation of testosterone hormone in meat .Veterinary Medical Journal-Giza,Vol.60(1) :111-120 .
- 7. El-Kashoury,A and Tag El – Din ,H.A. (2010) :** Chlorpyrifos(from different sources) : Effect on Testicular Biochemistry of Male Albino Rats .J. American Science ,6 (7) :252 – 261 .
- 8.Abbas,H.E.; Tag El –Din , H.A.;Soliman, E.K. and Tantawy ,L.A.(2010):**Some serum biochemical and pathological changes in squabs of domestic pigeon (*Columba livia*)infected with *trichomonas*.Beni-Suef Veterinary Medical Journal , 20 (1) : 120 -133.
- 9.Tag El-Din,H.A. ;Habashy,M.M. and Sultan, H.M. (2009):**Residues of some heavy metals and hormones in fresh water Prawn (*Macrobrachium rosenbergii*) and marine shrimp (*Penaeus semisulcatus*) with reference to nutritive value.World J. Zoology,4(3):205-215.
- 10. Tag El-Din,H.A.;Abdel-Rahman,A.S.;Sultan,H.M. and Hassan, N.A.(2009):** Evaluation of some hormonal and heavy metals residues in Egyptian and imported catfish tissues. Egypt. J. Aqua. Biol. & Fish. Vol 13(4):129-140.
- 11. Tag El-Din, H.A. ; Abbass, H. and Sayour, H.E.M. (2009):** Evaluation of crayfish tissue for human consumption. Egypt. J. Aqua. Biol. & Fish. Vol 13(4), 385-401.
- 12. Soliman, E. K.; Tag El-Din ,H.A. and Abdel Rahman ,A.S. (2008) :**
Effect of hydrated sodium calcium aluminosilicate on egg quality and serum biochemical parameters in table-egg layers fed on aflatoxin contaminated ration.Egypt. J. Comp. & Clinic. Path. ,21(4):258-282.

13. Tag El-Din,H.A.;El-Badry, A. A.; Hamada, M. Z. and Dalia , El-Tahan , D.S.A. (2008) :Correlation between leptin and some other hormones during estrous cycle and pregnancy in female Albino rats.
Middle East and North Africa Conference For Animal Wealth Research, CICC.

Proc. Of Middle East and North Africa Conf. For Future of Animal Wealth : 227 – 236.

14.Tag El-Din,H.A.;Abbas H. E.and Rashed ,A.Y.M. (2007) :

Influence of dimenazine acetate on hematological and biochemical parameters in horses affected with Babesia. J. Egypt. Vet. Med. Assoc., 67 (3) : 17 – 29.

15. Shalaby ,A.M. ; Mousa ,M.A.A. and Tag El-Din ,H.A. (2007): Toxicological effect of butataf herbicide on some physiological aspects and the reproductive performance of Nile Tilapia *Oreochromis niloticus*.Egypt. J. Aquat. Biol. & Fish., 11 (2) : 145 – 163.

16. Abbas, H. E.; Tag El-Din ,H.A. and Sultan ,H.M. (2006) :

Determination of some hormonal, antibiotic and heavy metals residues in poultry meat of different poultry species. Egypt. J. Appl. Sci., 21 (11 B) : 400 – 415 .

17. Tag El-Din ,H.A.; Mohamed ,O.M. and Abd El-Monem ,H. (2005) :

Hormonal and biochemical changes in sheep exposed to lead and cadmium from the industrial emission source. Alex. J. Vet., 23 (1) : 47 - 60.

18. Soliman, E. K.; Tag El-Din ,H.A. and Abd El-Hamid ,S.S. (2005) : Biochemical and hematological studies in ducks infected with Chlamydia.Egypt. J. Comp. & Clinic. Path., 18 (1) : 408 - 425.

19. Tag El-Din ,H.A. (2004) : Effect of restriction in feed or photoperiod during rearing on some physiological parameters in egg table chickens. J. Egypt. Vet. Med. Assoc., 64 (5) : 7 - 16.

20. Shemies ,O.A. and Tag El-Din ,H.A. (2004) : Some virological and biochemical studies on camels sera associated with respiratory viral infections. The fourth Scientific Conference for Veterinary Medical Researches, Alexandria Univ.Alex. J. Vet., 21 (2) : 444 – 461.

21. Tag El-Din,H.A.; Mohamed, O.M.; Hosny ,A.M. and Moussa ,H.A.A. (2004) : Some biochemical studies in Ostrich infected with Chlamydia.Egypt. J. Appl. Sci., 19 (5B) : 392 - 402.

22. Mickae I ,M.K.; Abbas ,H.E. and Tag El-Din ,H.A. (2003) : The assessment of testosterone and lipid profile in Tilapia fishes in relation to their meals in some fish farms. Zag. Vet. J., 31 (2) : 97 - 106.

23. Tag El-Din,H.A.; Abbas, H. E.and El-Kashoury ,A.A. (2003) :Experimental studies of Dicofol reproductive toxicity on male Albino rats.Bull. Fac. Pharm. Cairo Univ., 41 (2) : 179 - 188.

24. – Mohamed ,O.M.; El-Saied ,K.M.; El-Kashoury ,A.A. and Tag El-Din ,H.A. (2003) :Effect of Sevin "Carbamate" on some biological function in male Albino rats.Egypt. J. Comp. & Clinic. Path., 16 (1) : 89 - 97.

PRACTICAL EXPERIENCE:

- Sharing in training Programs for veterinarians on how to extract and measure insecticide and hormonal residues in meat and fish tissues using recent techniques by using LC-MS/MS and ELISA .
- Sharing with the team work of hormonal lab. in inspection of fish and ration samples provided from Security and Health Departments of Kafr El-Sheikh, Behira Governorates and El-Hamol, Metobes Centers to control hormone addition (monosex) and make sure that the hormonal residues were within the permissible limit at marketing age.
- Detection of hormones in serum and plasma .

TEACHING EXPERIENCE:

- ❖ Hormonal residues in between growth promoters and endocrine disruptors .
- ❖ Determination of hormonal residues in meat by ELISA and LC-MS/MS .
- ❖ Misuses of hormones in the field.
- ❖ The role of hormones in improvement of sheep and goats production.
- ❖ The importance of chlamydiosis in birds.
- ❖ Contributed many training courses as a trainer in the field of biochemistry in AHRI, Dokki, Egypt.
- ❖ Contributed to the annual teaching course of new veterinarian and students from the Faculty of Vet. Med., Cairo University, and GOVS.
- ❖ Contributed to the training for the regional laboratories members for laboratory diagnosis and recent technologies.

SCIENTIFIC PUBLICATIONS

ARTICLES WITH THESE TITELS :

- Fish scales purify water and improve memory (Agricultural Journal ,2005 and Employment Journal , 2006).
- Large fishes as a natural source of mercury toxicity (Agricultural Journal and Employment Journal , 2007) .
- Environmental pollution with chemical pesticides and its effect on animal and human health (Agricultural Magazine , 2008).
- Pollution of animal product with antibiotics , sedatives and hormones Mislead for consumers ! (Agricultural Journal , 2010) .

- An article about " Pollution of animal product with antibiotics , sedatives and hormones " at Employment Journal ,2011 .
- The effect of bovine somatotropin residues in milk on the consumer health(Agricultural Journal ,2014) .
- TV interview at El Hasad program about the first conference of chemistry and environmental health (November ,2014) .
- An article about the first conference of chemistry and environmental health at Employment Journal ,2014 .
- An article about the "hormones in meat and their effects on the human health" at Employment Journal (September,2015) .
- An article about the "the hormones in meat causes cancer, earlier puberty in females and later puberty in meals " at El masry el youm (September ,2015) .
- The role of the hormones in our life (under press) .

SCIENTIFIC CONFERENCES AND SYMPOSIUMS

- The 4th Scientific Conference For Veterinary Medical Researches, Alexandria Univ., 2004.
- The Comparative Pathology and Clinical Pathology Conferences.
- Animal Health Research Institutes Symposiums.
- Middle East and North Africa Conference For Animal Wealth Research, 2008.
- The 13th Scientific Conference ,Faculty of Science , Anshams University,2009
- The 6th Scientific Conference ,Faculty of Veterinary Medicine ,Beni-Suef University , 2010 .
- The 18th Scientific Conference organized by Egyptian Veterinary Medical Society for Pathology and Clinical Pathology ,2013 .
- The first conference of chemistry and environmental health , November (2014) .(organizer)
- The first EGBSA Biological Safety Conference , February (2015) .
- The second conference of chemistry and environmental health , November (2015) . (organizer) .

Thesis Supervised

By Dr. Hanan, A. Tag El-Din.

- **Plasma leptin level in correlation to sex hormones and pregnancy in rats .**

Dalia Saleh Abd El-Mowad El-Tahan.

Master Thesis, 2007, Department of Physiology, Faculty of
Veterinary Medicine, Zagazig University

- **Evaluation of environmental and climatic factors on some endocrine disrupting compounds (some heavy metals) affecting Nile catfish (*Clarias gariepinus*) .**

Reda Abdel Sammie Ahmed

Ph.D. Thesis ,Department of Chemistry ,Faculty of Science ,Al Azhar
university .

- **Ameliorating effects of curcumin on hepcidin , some immunological and oxidative indices induced by diazinon in male rats .**

Peer Azet Mehnaa

Ph. D. Thesis , Zoology Department, Faculty of Science ,
Cairo University.

Thesis Co-operated

By Dr. Hanan, A. Tag El-Din.

1- Residues in some edible offals.

Sahar Mohamed Abou Taleb El-Baz

Ph. D. Thesis (Food Hygiene), 2006, Department of Food Hygiene and
Control, Faculty of Veterinary Medicine, Cairo University.

2- Studies of dicofol toxicity on male Albino rats.

Safaa Mohamed Sadek Abo El-Soud.

Ph. D. Thesis (Zoology),2007, Zoology Department, Minufiya university.

3- Studies on intestinal spirochaetosis in poultry.

Hend Karam Abd El-Salam Sorour

Master Thesis, 2007, Department of Poultry and Rabbit Diseases,
Faculty of Veterinary Medicine, Cairo University.

4-Studies on reproduction of Nile Tilapia "*Oreochromis niloticus*".

Ayman Ebraheem khalaf Alla Ali

Master Thesis, 2013 , Department of Animal Production, Faculty of
Agriculture ,Al Aztar university .