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 **Curriculum Vitae**

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| ***personal Information*** | | |
| **Name** | **SOHAIR YOUSSEF SALEH HASSAN** | |
| **Title** | Emeritus Professor | |
| **Date of birth** | 24 – 01 - 1943 | |
| **Place of birth** | Bani Swaif, Egypt | |
| **Citizenship** | Egyptian | |
| ***Contact Information*** | | |
| **Home phone** | | +202 37487239 |
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| **Current Address** | | Physiology Department, Faculty of Veterinary Medicine, Cairo University, Giza 1221 |
|  | | |
| * ***Educational Qualifications*** * Preliminary School: 1948-1954 * Intermediate School: 1954-1957 * Secondary School: 1957-1960, qualifying for university (Abitur) Jun 1960 * Study (Stadium) at Faculty of Veterinary Medicine, Cairo University 1960-1966 * Bachelor of Veterinary Science (*B.V.Sc*.); Faculty of Veterinary Medicine, Cairo * University, Approval January 1966 * Dr. Med. Vet., Faculty of Veterinary Medicine, Cairo University, 1972 | | |
| ***Academic Positions***   * Professor, Physiology Department, Faculty of Veterinary Medicine, Cairo University ,1982 * Associate Professor, Physiology Department, Faculty of Veterinary Medicine,   Cairo University, 1977   * Lecturer, Physiology Department, Faculty of Veterinary Medicine, Cairo University, 1972 * Demonstrator, Physiology, Department, Faculty of Veterinary Medicine, Cairo University, 1966 | | |
| ***Administrative positions***   * Director of Physiology, Department, Faculty of Veterinary Medicine, Cairo University 1998 -2003. * Dean of: Girl’s science collage, Dammam, Saudi Arabian 1985/86 –1990/91 * Vice Dean of: Girl’s science collage, Dammam, Saudi Arabian 1984/85 –1985/86 | | |
| ***Thesis Title***  ***Ph. D.***  Growth Rate Of Fayemi Chickens On Some Local By – Products (1971) | | |
| ***Areas of experience***   * Physiology of Endocrine, Reproduction and Metabolism. * Physiology of Birds & Rabbits. * Nutritional Physiology | | |
| ***Awards***  **International Publication Awards Cairo University, Issue I September 2007** | | |
| ***Professional Qualifications***  ***1 - Conferences***   1. **XII** International Congress of the World Veterinary Poultry   Association Cairo- Egypt,17th - 21th SEPT 2001   1. Workshop, Fundamental Physiology and Perinatal Development in Poultry,   Adaptation in Poultry; the Impact of Environment  (WPSA working group 12 physiology) Humboldt – University of Berlin  9-11 October 2003.   1. **5th** International symposium on turkey diseases; Berlin; 16th – 19th Jun 2004 2. Meeting- University of Lincoln, UK 7th – 8th September 2006   {WPSA working group 6 (Reproduction) }.   1. XII European Poultry Conference Verona Italy 10- 14 September 2006   **(**World's poultry science association / WPSA)   1. **7th** International symposium on turkey diseases; Berlin; 19th – 21th   May 2008   1. **4th** World Lagomorph Conference; Vienna, Austria 23 -27 July 2012   **8 -19th ,20th 21th 22th** Annual Cong. Of Egyptian Society for Animal  ReproductionAnd Fertility**,** February **,**2007,2008, 2009 ,2010  (Giving Lectures).  a - **Reproduction in Birds, Fertilization, Clutch size, Incubation Hatching**  **Parental Care. b- Brain and Memory. c - Brain and Memory**  **d-The Grand Mother of All Steroid Hormones.**  **9 -Many National scientific conferences especially that of Society of**  **Physiological Sciences and their Applications all over the last 10 years** | | | | |

***2 - Training courses***

1 - Attended the training course entitled “Polymerase chain reaction and different applications 22 -26 Feb. (Biotechnology center for services researches faculty of Vet. Med. Cairo Univ. Giza.

2-Attended the training course on application of modern immunodiagnostic techniques for diagnosis of diseases. 6 – 11 of May 2006

3- Attended the post graduate course on Animal Management and Reproductive Biology. In addition, I made individual studies in the field of, Influence of stress factors on some blood parameters of poultry, At the veterinary University of Vienna- Austria, from May 3,1974 to February 28, 1975

1. Participated in the work of the institute of veterinary medicine (Robert von Ostertage - Institute ) Federal Health office FAO / WHO Collaborating Center of research concerned with the field of " Avian Endocrinology" from 30/7/ 1979 to 30/6/1981 Berlin – Germany

5- Participated In “an introduction for the use of E- learning in teaching “

**Computer Skills**

Good

**Language Skills**

Arabic, English Very Good ……German pass

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| ***Other activities*** | | | | | | | |
| **Thesis Under my supervision**  **Submitted for (Cairo University, Faculty of veterinary Medicine)**   1. “Growth Efficiency, Gastro-Intestinal Functionality and Integrity of   Broiler Rabbit”.  2-Comparative Study of Some Natural and Commercial Feed Additives To  Improve The Productive Efficiency of Turkey Chicken.  3-Productive Responses Of Rabbits Under Different Feeding Regimen.  4- Some physiological studies for induced oxidative stress in testicular functions  and protective role of some feed additives in rabbit bucks.   |  | | --- | | 5-Physiological studies on some reproductive aspects in rams. | | 6-Physiological studies of Some Hormonal Receptors in Laying Hens. | | 7-Some Physiological Studies for the Improvement of Production in Layers. | | 8-Physiological Studies of Opioid Agonists and Antagonists in Relation to  Gonadotrophins in Rats. | | 9-Physiological Studies on the Effect of Some Hormones Controlling the Ovulatory Cycle in Hens.    10-Some Physiological Changes Produced by High Calcium Intake in Chicken. | | 11-Variation in Thyroid Activity in Estrous and Anstrous Barki Ewes. | | 12-Effect of Calcium Agonists and Antagonists on Some Hormones Controlling Reproduction in Male Chicken.    13-Influence of Thyroid and Ovary on Clearance of Follicle Stimulating Hormone.Variation in Thyrotrophic Hormone and Prolactin in the Pituitary of Buffaloes in Relation to Functional Activity of Ovaries  14-Physiolpathological and Morpho pathological Studies on Rats due to the effect of Euphorbia prunifolia.  **Thesis Under my supervision**  **Submitted for Girl’s science collage, Dammam, Saudi Arabian**.  1-Effect of Elettaria cardamomum on the Hormones that Regulate the Testes Function of Male Rabbits.  2-Effect of Exogenous Calcium on the Physiological Functions of Some Endocrine Glands in Birds. | | 3-Physiological study of Interrelation of Female Steroid Hormones with Oxytocin and Calcium During the Ovulatory Cycle in Hens.  4-Physiological Study of Interrelation of Calcium, ICSH and Oxytocin with Hormones Controlling Male Gonads of Birds  5 - Effect of Stem Cell Therapy on Gentamicin Induced Testicular  Dysfunction in Rats | |  | | **Faculty of Medicine For Girls Al-Azhar University 2014** | |  | |  | |  | |  |   ***List of publications***  1- Effect of dietary pumpkin(*Cucurbita moschata*) seed oil supplementation on reproductive performance and serum antioxidant capacity in male and nulliparous female V-Line rabbits. Italian journal of animal science. VOL. 20, NO. 1. PP,419-425(2021).  <https://doi.org/10.1080/1828051X.2021.1889406->  2-Evaluation of aloe vera, olive pomace, vitamin C and vitamin E as antioxidant on functionality and integrity of gastrointestinal tract of growing rabbits.  J.Egypt.vet.med.Assoc 79, no 4. 1141 – 1174 (2019).  3-Physiological Panel of Some Feed Additives for Turkey Toms. Journal of Agricultural Science; Vol. 9, No.12; 2017  4-comparative studies of some natural and commercial feed additives to improve reproductive performance of turkey toms. VETERINARY MEDICAL Journal, GIZA, VOL.63,issue4,83  5-Effect of Stem Cell Therapy on Gentamicin Induced Testicular Dysfunction in Rats.  J Health Med Informant (2017), 8:3. DOI: 10.4172/2157-7420.1000263     |  | | --- | | 6-Influence of Dietary Supplementation of Coated Sodium Butyrate and/or Synbiotic on Growth Performances, Caecal Fermentation,Intestinal Morphometry and Metabolic Profile of Growing Rabbits Journal of Agricultural Science; Vol. 7, No. 2; 2015  7-Protective role of some feed additives against dizocilpine induced oxidative stress in testes of rabbit bucks.  Journal of Agricultural Science; Vol. 7, No. 10; 2015, ISSN 1916-9752 E-ISSN 1916-9760.  8-A Comparative Study on The Effects of Enzymes Feed Additive“Kemzyme” and Antibiotic Growth Promoter "Salinomycin" on Haemostatic Mechanism of Rabbit Bucks  Journal of Agricultural Science Vol 6, No.1; January 2014,1 - 6  9-Growth Performance, Cecal Fermentation and Blood Biochemistry of Rabbits Fed Diet Supplemented with Urea - Bentonite Combination | | Journal of Agricultural Science Vol. 3, No. 1; March 2011,14-21 | |  | | 10-Effects of exogenous multi-enzyme feed additive (Kemzyme) on the activities of certain digestive enzymes and intestinal morphology in growing rabbits | | Journal of Agricultural Science, Vol. 4,No. 2/ 2012 | |  | | 11-Effects of Multi-enzyme Feed Additive “Kemzyme” or/and Sodium Bentonite “as a Feed Binder”on Sexual Activity and Some Fertility Parameters of Rabbit Bucks | | Journal of Agricultural Science Vol. 2, No. 4; December 2010,89-99 | | 12-Effect of Kemzyme - Bentonite Co-supplementation on Cecal Fermentation and Metabolic Pattern in Rabbit | | Journal of Agricultural Science Vol. 2, No. 3; September 2010, 183-188 | | 13-Alteration of some haemostatic parameters of turkey toms supplemented with multi-enzyme feed additives | | 7th International Sysymposium on Turkey Diseases 19- 20 June 2008 / Berlin/ Germany | | | 14-A Comparative Study on the Effect of Multi-enzyme Feed Additive "Kemzyme" on Some Fertility Parameters of Turkey Toms and Cockerels | | Avian and Poultry Biology Reviews Vol.17, No2,2006 ,68 | |  | | 15-Effect of Zinc Oxide and Vitamin C supplementation on Some Fertility Paremeters in Restricted Turkey Toms | | World's poultry science journal, / XII European Poultry Conference, 10-14 September,2006 (World's poultry science association / WPSA) | |  | | 16-Effect of Lasalocid Supplementation on Some Metabolic and Edocrine Parameters in Turkey Poults | | Assiut veterinary Medical Journal,Vol 4,2006 ,274-284 | |  | | 17-Influence of Long-Term Melatonin Administration on Some Metabolic & Growth Parameters with Reference to Gonadal Function in Turkey Toms | | Egyptian journal of basic and applied physiology., Vol, 4,2005,151-165 | |  | | 18-The Role of Calcium and feed Supplementation in Poultry Production | | Avian and Poultry Biology Reviews., Vol.15,2004,236-239 | |  | | 19-Effect of Chronic Restrain on Some Endocrine, Metabolic and Immunological Parameters in Male Rats | | Egyptian journal of basic and applied physiology, Vol.3,2004,401 -410 | |  | | 20-Effect of Melatonin Supplement on Some Fertility Parameters of Turkey Toms | | 5th international symposium on turkey diseases in Berlin. June 2004, 40 -50 | |  | |  | | 21-Evaluation of Bone Markers, Calcium and Parathyroid Hormone Levels During Unloading Stress in Rats | | Journal of the Egyptian German Society of zoology., Vol. 43, 11 -21 | |  | | 22-Effect of Exogenous Calcium or Human Gonadotropin (hCG) on Some Reproductives Hormones, Testicular and Thyroid Activities in Male Chickens | | Assiut Vet. Med.J. Vol. 40 , 1999 ,72 -87 | |  | | 23-Correlation Between Reproductive Hormones Regulating Ovulatory Cycle in Hens with Reference to the Role of Calcium | | Journal of the Egyptian German Society of zoology, Vol.98 ,1998, 69 -88 | |  | |  | | 24-The Effect of Gonadotrophin Releasing Hormone (GnRH) and H2 Receptor Antagonost (Cimetidine) on the B- Endorphin and Histamine Levels of Mature Male Rats | | Egyptian Medical Journal. Vol. 11 ,1994 ,110 -114 | |  | | 25-Effect of Selenium and Vitamin E on Some Enzymatic Activities of Gut Contents and Sera of Chicken. Assiut Veterinary Medical Journal. Vol 29, 1993, 17 -25 | |  | |  | | 26-Some Physiological Studies on the Blood Cellular Elements of Camel with Reference to Certain Immunological Properties of Lymphocytes | | Veterinary Medical journal Giza. Vol. 40 1992 ,115 – 120 | |  | | 27-Effect of Elettaria cardamomum on Hormones that Regulate the Testes Functions of Male Rabbits. | | Fourth Annual Congress of Egyptian Society for Animal Reproduction and Fertility Cairo Egypt. 1992, 26 -28 | |  | |  | | 28-Pituitary Thyrotrophic Hormone (TSH) and Prolactin (PRL) in Buffaloes As Related  to Ovarian Activity J. Egypt. Vet. Med. Ass.Vol. 47, 1987, 475 -480 | |  | |  | | 29-Foetal and Maternal Serum Proteins and Lactic dehydrogenase During Different Stages of Fetal Growth in the Camel | | Acta Veterinaria / Beograd Vol. 34, 1984, 173 -181 | |  | | 30-Endokrine Veranderungen bei Unterdruckung der Legeleistung beim Huhn | | Zbl .Vet. Med .A .Vol .31, 1984 , 226 -239 | |  | | 31-Foetal and Maternal Serum Electrolytes During Different Stages of Foetal Growths in the Camel. Acta Veterinaria / Beograd ,Vol . 34 , 1984 , 147 -164 | |  | |  | | 32-Effect of Prolactin on Release and Clearance of PMSG and HCG in Rats | | Egypt. J. Vet. Sci., Vol. 21, 1984 93 -103 | |  | | 33-Effect of Ketamine - Xylazine Combination on Isolated Diaphragm of CAT | | Egypt. Vet. Med. J, Vol .30, 1982 ,63 -67 | | 34-Selenium Distribution in Chickens During the First weeks of age | | Egypt. Vet, Med. J ,1982 | |  | |  | | 35-Role of Thyroid and Testes in Control of PMSG and HCG Turnover | | Egypt. J. PHYSIOL. SCI. Vol. 9 ,1982, 13 -19 | |  | | 36-Level of oestrogens, progestins, TSH, T3 and T4 in the serum of buffaloes during oesterous cycle and postpartum period. Egypt. Vet. Med. J. Vol 29, 1981, 37 -50 | |  | |  | | 37-Effect of Oxytocin on Release and Clearance of LH in Rats. | | Zbl. Vet. Med. Vol 27, 1980 | |  | | 38-Thyroid -Ovary Relationship in Laying Hens | | Zbl.Vet Med.A, Vol 27, 1980 , 544 -554 | |  | |  | | 39-Cyclic Variation in Thyroid Activity During the Ovulatory Cycle of Laying Hens | | Egypt. Vet. Med. J, Vol. 27, 1979, 269 -279 | |  | | 40-Physiopathological Studies on Senecio Desfontainei " Druce " Extract in Rats | | Zagazig Vet. journal, Vol, -, 1978 | |  | |  | | 41-Influence of Thyroxine and Thiouracil on the Blood Picture of Baladi Rabbits | | Assiut. Vet. Med. J, Vol. 14, 1978, 39 -47 | |  | | 42-Hypothalamic and Pituitary Control of the Ovulatory Cycle of Hens | | Assiut. Vet. Med. J, Vol. 4, 1977, 27 -34 | |  | | 43-The Effect of Stress Factors on Blood Leucocytic Count, Glucose and Corticoids in Chickens. Zbl. Vet. Med, Vol, 24, 1977 , 220 -228 | |  | |  | | 44-Thyroxine Content in the Thyroid Gland of Domestic Animals | | Zbl. Vet. Med. A, Vol ,23, 1976, 408 – 412 | |  | | 45-Blood Picture, Serum Proteins and Vitamin " C " of Fayoumi, Dokki -4, Rhode Island Red and Their Crosses-4 | | 13th Arabic Vet. Conference, Vol, 22, 1976 | |  | | 46-Ascorbic Acid Content of Buffalo Ovaries During the Various Stages of Reproductive Cycle. First Conference of Physiology of Reproduction, Faculty of Vet. Med Cairo Univ. Giza, Mars 1997  . | |  | |  | |  | | 47-Effect of Gonadal and Adrenal Cortex Steroids on Serum Calcium and Inorganic Phosphorus of Rats | | First Conference of Physiology of Reproduction, Faculty of Vet. Med. Cairo Univ. Giza. Mars 1974 | |  | |  | |  | | 48 -Studies on Blood Changes due to Eimeria tenella Infection in Chicken | | J. of Egypt. Vet. Med. Assoc. Vol ,34, 1974, 81 -8 | |  | | 49-Thyroid Function in Goats as Influenced by Pregnancy, Lactation, Season and Estrogen. Egypt. J. Physiol., Vol, 2, 1974, 133 -13 | |  | |  | | 50-Addition of extra molasses, corn by-product and rumen contents in the daily ration of growing chicks and their influence on the blood indices | | Egypt. J. Physiol. Sci., Vol 2, 1974, 119 -126 | |  | | 51-Endocrine Organs of Fayoumi Chicken in Relation to their Feeds | | 11th Arabic Vet. Conference Mars 1973 | |  | |  | | 52-Serum Calcium and Phosphorus in Rabbits During Fracture Healing, with Reference to Parathyroid Activity Nature Vol., 204, 1964, 693 -694 | |  | |  | | 53-Endocrine organs of Fayoumi chickens in relation to their feeds | | J.Egypt. Vet. Med. Assoc., Vol. 36, 1968, 61 -74 | | | | | | | | |
| ***Publications statistic*** | | | | | | | | |
| **Journal’s Publication** | | **Conference’s Publication** | | **Authors** | | | **Total** | |
| **Local** | **International** | **Local** | **International** | **Single** | **Shared** | |
| **Internal** | **External** |
| **25** | **21** | **5** | **4** | **1** | **37** | **15** | **53** | |

**Training courses**

**1 - Attended the training course entitled “Polymerase chain reaction and different applications 22 -26 Feb. (Biotechnology center for services research faculty of Vet. Med. Cairo Univ. Giza.**

**2-Attended the training course on application of modern immunodiagnostic techniques for diagnosis of diseases. 6 – 11 of May 2006**

**3- Attended the post graduate course on Animal Management and Reproductive Biology. In addition, I made individual studies in the field of , Influence of stress factors on some blood parameters of poultry, At the veterinary University of Vienna- Austria ,from May 3,1974 to February 28 1975**

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**5-Participated In” an introduction for the use of E- learning in teaching “**

**6 -دورة اعداد المفردة الاختبارية وتصميم جدول الاختبار**

**Professional Member ships**:

1. Society of Physiological Science and Their Applications (Egypt).
2. The Egyptian Poultry Science Association (Egypt).
3. Egyptian Society of Animal Reproduction and Fertility (Egypt).
4. Egyptian Animal Society (Egypt).
5. World Poultry Science Association.
6. Egyptian Veterinary Medical Association.
7. Veterinary medical committee