

Curriculum Vitae



Personal Details:

Name	Mustafa Shukry Moursy Atta
Date of Birth	15/ 3 / 1980
Nationality	Egyptian
Gender	Male
Teleph Mobile	+2047 – 3152219- 002010 20705320
Email	Mostafa_shukry2002@yahoo.com Mostafa.ataa@vet.kfs.edu.eg
Military status	Married
Address	Kafrelsheikh, EGYPT
Position	Associate Professor of physiology, Faculty of Veterinary Medicine, Kafrelsheikh, EGYPT

University Details:

University	Kafrelsheikh University
Faculty	Faculty of Veterinary Medicine
Address	Department of Physiology, Faculty of Veterinary Medicine – Kafrelsheikh University, Egypt
Telephone	+20473231609 (Egypt)
Fax	+2-0473231311
Email	Mostafa.ataa@vet.kfs.edu.eg

Academic Qualification:

Degree	University	Country	Year	Field of Specialization
1. B.V.Sc	Tanta University	Egypt	2003	(Grade: Very Good with Honor degree)
2-Master Degree of Vet. Med. Sc.	Kafrelsheikh	Egypt	2007	Physiology
3- Ph. D (Physiology)	Kafrelsheikh -Gifu	Egypt-Japan	2012	Physiology

Academic Position

Title	From - To	University	Country
Demonstrator Physiology	2003 - 2007	Tanta University (Kafrelsheikh branch)	Egypt
Assistant Lecturer Physiology	2007-2012	Kafrelsheikh University	Egypt
Post Graduate Student (Ph.D. researcher)	February 2009 till December 2011	Gifu University	Japan
Post Doctor Position	September 2013 till March 2014	Gifu University	Japan
Lecturer of Physiology	25 June 2012 Until 1 st July 2017	Kafrelsheikh University	Egypt
Associate Professor of Physiology	1 st July 2017 till now	Kafrelsheikh University	Egypt

Education:

1-Under-graduted courses:

Dates	1 st October 1998- 21 th June 2003
Title of qualification awarded	Bachelor of Veterinary Medical Sciences (B.V.Sc.)
Principal subjects / occupational skills covered	<p>* 1st year: Veterinary Anatomy, Histology, chemistry, Biology, statistic, Hereditary, English Language.</p> <p>* 2nd year: Biochemistry, Animal nutrition, Animal behaviour, Physiology, Anatomy</p> <p>* 3rd year: Pharmacology, Microbiology, Pathology, Economy, Animal Production, Parasitology.</p> <p>* 4th year: Veterinary Internal Medicine, Surgery, Gynaecology and Obstetrics, Fish Disease, Milk Hygiene, pathology, Clinical pathology, toxicology</p> <p>* 5th year: Veterinary Internal Medicine, Surgery, Gynaecology and Obstetrics, Meat Hygiene, Infectious diseases, Animal Health, Poultry Diseases, Zoonoses</p>
Name and type of organization providing education and training	Faculty of Veterinary Medicine, Tanta University (Kafrelsheikh University branch), Egypt
Level in national or international	Bachelor of Veterinary Medical Sciences (B.V.Sc.)

classification Grade	Very Good with Honors Degree
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2-Post-graduated Courses:

Dates	1 September 2004 to 25 December 2005
Title of qualification awarded	• Preparatory courses for master's degree in Physiology.
Principal subjects / occupational skills covered	General Physiology Biochemistry of hormones Reproductive Theriogenology Immunology
Title of Master Thesis	Physiological Studies on the effect of some stressors on the immune-reproductive pattern on New Zealand rabbit bucks (Kafrelsheikh University, Egypt)
Title of Ph.D. Thesis	Physiological studies on the effect of stressors on cell receptors in animals (Kafrelsheikh University, Japan)

Personal skills and competences:

1- Languages:

Arabic	Speaking: Excellent	Reading: Excellent	Writing: Excellent
English	Speaking: Excellent	Reading: Excellent	Writing: Excellent
Japanese	Speaking: good	Reading: good	Writing: good

2-Computer skills and competences:

Date	From 2008 till now
Title of qualification awarded	1- IT (Information technology). 2- Windows. 3- Microsoft Word. 4-Microsoft Excel. 5- Microsoft PowerPoint. 6- Internet Access 7- Microsoft Access. 8- Photoshop

3- Technical skills and competences:

Field and Laboratory skills

- Aware of using lab. Basics facilities, devices, chemicals.
- Trained on the most newly advanced techniques in the field of the physiology, Biochemistry and molecular biology (ELISA and PCR).

TECHNIQUES

I. Molecular biology

- a) *Nucleic acids: structure and function*
- b) *DNA replication and repair*
- c) *RNA synthesis and splicing*
- d) *Protein synthesis and targeting*
- e) *Control of gene expression.*
- f) *Tissue cultures and in vitro cell differentiation*
- g) *Real time PCR*
- h) *Western blot analysis*
- i) *Protein electrophoresis and separation*
- j) *Enzyme linked immuno-sorbent assay (ELISA)*
- k) *Molecular cloning and gene sequencing*

II. Basic physiological and molecular biology techniques

- *Complete Blood analysis*
- *Analysis of ovarian function*
- *Semen analysis*
- *Hormone analysis*
- *Pregnancy diagnosis*
- *Measurement of Nerve and muscle function*
- *SDS-PAGE*
- *Western blot analysis*
- *RNA and DNA extraction and RT-PCR, and real-time PCR*
- *Gene cloning and sequencing*
- *ELISA*
- *Cell culture skills*
- *Gene cloning and Plasmid extraction*
- *Cell transfection and Gene transcriptional study by luciferase assay*
- *Liver and blood cytokine analysis (TNF-alpha, IL-1B, IL-6)*

- *Good experience in the research area of cell signaling*
- *Good experience in the research area of receptor interaction*
- *Good experience in the research area of toxicology*

Excellent in teaching following courses

1. *Cell physiology, cell structure and metabolism*
2. *Physiology of Nervous system*
3. *Physiology of Autonomic Nervous system*
4. *Physiology of Nerve and Muscle*
5. *Physiology of Blood and Body defenses*
6. *Physiology of Cardiovascular system*
7. *Physiology of Respiratory system*
8. *Physiology of Urinary system*
9. *Physiology of comparative Digestive system*
10. *Endocrinology*
11. *Physiology of Male Genital system*
12. *Physiology of Female Genital system*
13. *Physiology of Lactation*
14. *Physiology of Growth*
15. *Physiology of Poultry*
16. *Fish Physiology*

Conference Participations

- 1) *The 2nd scientific conference of the faculty of veterinary medicine, Tanta university, May 6-8, 2008. (Veterinary medicine and Human Health.*
- 2) *The 3rd scientific conference of the faculty of veterinary medicine, Kafrelsheikh University university, May 6-8, 2009*
- 3) *The 4th scientific conference of the faculty of veterinary medicine, Kafrelsheikh University university, May 6-8, 2016*

4) *The 4th scientific conference of the faculty of veterinary medicine ,
Mansoura university , March 6-8, 20117*

Members in the following Societies

1. Egyptian Society of Physiological Sciences and their applications, Egypt.
2. Japanese Veterinary Society, Japan.
3. Member of my Department council.
4. Member of the Egyptian Veterinary Syndicate.
5. Member of the Egyptian Veterinary Medical Association.
6. Member of Egyptian Society of Reproduction and Fertility

Referee in following Journals

1. Journal of Biological Sciences
2. Trends in Molecular Sciences
3. International Journal of Biological Sciences
4. International journal of molecular science.
5. Alexandria veterinary journal
6. Journal of thermal biology

Research and Scientific activities

First: At The Field of Teaching and Exams

- 1- Follow advanced technology for explaining and evaluation physiology courses and examinations for under and post graduate student in simple ways such as
 - A- Sensitize the university community culture development of student assessment systems and examinations.
 - B- Create bank questions with continuous updating
 - C- Inclusion of bank questions within the college website databases.
 - D- Encouraging feedback for students about examinations.
 - E- Activating the partnership and exchange of experiences between the university and analogues.

2- Post graduate levels

Participating with my research experience in development and support of postgraduate studies at the department and college levels to enforce them to take their role in preparation of scientific personnel.

Second: At the field of scientific research

- 1) Exploiting my experience in designing and establishing research projects in EGYPT, JAPAN in setting up the research plane of my Physiology Department and my College to fit our community needs.
- 2) Participation in the establishment of research plane of Physiology department and college to correspond community needs.
- 3) Attendance of scientific conferences in the field of Molecular Biology and Physiology in Egypt and in other countries to reinforce my knowledge that will be reflected on my students.

AWARD.

1. *Encouragement Award of kafrelsheikh University 2018*
2. The University award for international scientific publication
2012,2013,2014,2015,2016 and 2017 from Kafr El-Sheikh University
3. *Appreciation certificate from faculty of applied veterinary science, Gifu university, Japan 2010.*
4. *Appreciation certificate from Drug Discovery School, Gifu University 2011.*
5. *Honoring students, Kafr El-Sheikh University, Egypt, 2003.*

List of Publications

Dr. Mustafa Shukry Moursy Atta

*Associate Professor of Physiology
Kafr El-Sheikh University*

- 1- Mahmoud S.A and, Saad M.F and Mostafa Shukry.(2008): Physiological studies on the effect of some stressors on Immuno-Reproductive pattern of newzealand rabbit bucks. *Sixth scientific conference. Taba, 5-8 November 106-188.*
- 2- Yoko Hirata,Hideko Yamamoto, Mostafa Shukry ,Shawky Mahmmoud,Kentaro Oh-hashii and Kazutoshi Kinuchi .(2011). Chloroquine inhibit glutamate-induced of neural cell line by reducing reactive oxygen species through sigma-1 receptor. *Journal of Neurochemistry 119, 839–847. (Impact Factor (2011): 4.061).*
- 3- El-Magd MA, Sayed-Ahmed A, Awad A, Shukry M. (2013). Regulation of chick early B-cell factor-1 gene expression in feather development. *Acta histochemical. May; 116(4):577-82. (Impact Factor (2013): 1.76).*
- 4- S Mahmoud, M Shukry, M Saad (2013). Lymphocytic proliferation and interleukin-2 production in chickens supplemented with growth promoters. *Research Opinions in Animal & Veterinary Sciences*
- 5- Zein Shaban Ibrahim, Mohamed Mohamed Ahmed, Mustafa Shukry, Shawky Mahmoud, Mayumi Ishizuka (2013).Constitutive androstane receptor dependent and independent modulation of cyp3a2, cyp1a2 by phenobarbital and fibrate in rats'liver. *American Journal of Biochemistry and Biotechnology 9 (3), 272.*
- 6- Shukry,M.,Sherif,A and Abdel-Maksoud,S.(2013). Study on toxicity of oreochromis niloticus with aflatoxin B1.*Egypt.J.Aquatic.Biol.&Fish.(17)3:107- 119*
- 7- Ahmed A. Saleh, Khairy Amber, Mohammed A. El-Magd, Mostafa S. Atta, Ahmed A. Mohammed, Mohamed M. Ragab, and Hanaa Abd El-Kader (2014). Integrative Effects of Feeding *Aspergillus awamori* and fructooligosaccharide on Growth Performance and Digestibility in Broilers: Promotion Muscle Protein Metabolism. *BioMed Research International,Volume 2014 (2014).(Impact Factor (2013): 2.134).*
- 8- E Almadaly, Y Akemi, F Farrag, M Shukry and T Murase(2014). Protein and lipid species of seminal plasma and semen characteristics in Holstein bulls.*Ruminants reproduction symposium,Obihiro,Hokkaido,Japan.2013*
- 9- Essam Almadaly, Foad Farrag, Mostafa Shukry and Tetsuma Murase(2014). Plasma Membrane Integrity and Morphology of Frozen-Thawed Bull Spermatozoa Supplemented with Desalted and Lyophilized Seminal Plasma. *Global Veterinaria 13 (5): 753-766, 2014.*

- 10- Tarek Kamal, Eman Abd-Elhady, Kadry Sadek, Mustafa Shukry (2014). Effect of Parsley (*Petroselinum Crispum*) on Carbon Tetrachloride-Induced Acute Hepatotoxicity in Rats. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 5(6):1524-1534.
- 11- Essam Almadaly, Youichirou Hoshinoc, Takuya UetacKoushi ukoujimar, Mostafa Shukry, Foad Farrag, Tetsuma Murasea (2015). Desalted and lyophilized bovine seminal plasma delays induction of the acrosome reaction in frozen-thawed bovine spermatozoa in response to calcium ionophore. *Theriogenology* 2015, 83: 175–185 (Impact Factor: 1.798).
- 12- Eldsokey Nassef, Mustafa Shukry and Tarek kamal. (2015). Effect of feed restriction on growth performance, sudden death syndrome and some blood parameters in broiler chickens. *Assiut Vet. Med. J. Vol. 61 No. 147*
- 13- Atiba A., Ghazy A., Gomaa N., Kamal T., and Shukry M. (2015). Evaluation of Analgesic Effect of Caudal Epidural Tramadol, Tramadol-Lidocaine, and Lidocaine in Water Buffalo Calves (*Bubalus bubalis*). *Veterinary Medicine International*. ID 575101, 6 pages. <http://dx.doi.org/10.1155/2015/575101>.
- 14- Ghazy A., Atiba A., Shukry M., and Kamal T. (2015). Comparison of Lidocaine and Lidocaine–Neostigmine for Epidural Analgesia in Water Buffalo Calves (*Bubalus Bubalis*). *Alexandria Journal of Veterinary Sciences* 46: 177-181
- 15- Atiba A., Ghazy A., Gomaa N., Kamal T., and Shukry M. (2015). The sedative, analgesic and cardiovascular effects of high dose of xylazine with or without atropine in water buffalo calves (*bubalus bubalis*). *Kafrelsheikh Vet. Med. J.* 13: 155-172.
- 16- Atiba, A., Wasfy, T., Abdo, W., Ghonim, A. Kamal, T., Shukry, M. (2015). Aloe vera gel facilitates re-epithelialization of corneal alkali burn in normal and diabetic rats. *Journal of Clinical Ophthalmology* 10/2015; 9:2019–2026. (Impact Factor: 0.76). DOI: 10.2147/OPHTH.S90778.
- 17- Walied Abdo, Akihiro Hirata, Mostafa Shukry, Tarek Kamal, Essam Abdel-sattar, Engi Mahrous and Tokuma Yana (2015). Calligonum comosum extract inhibits diethylnitrosamine-induced hepatocarcinogenesis in rats. *Oncology Letters*. 716-722 (Impact Factor: 1.482).
- 18- Mustafa shukry; Tarek Kamal; Radi Ali; Foad Farrag; Essam Almadaly; Ayman A. Saleh; Mohammed Abu El-Magd (2015). Pinacidil and levamisole prevent glutamate-induced death of hippocampal neuronal cells through reducing ROS production. *Neurological Research* ; 37(10):916-23 (Impact Factor: 1.418).
- 19- Zein Shaban, Mohammed soliman, Shawky Mahmoud and Mustafa Shukry (2015). Curcumin protects rat heart against diabetes and nicotine combined oxidative stress. *egypt.j.Basic Appl.physiol.*, 15(1):167-181.

- 20- Khalil Abou-Easaa, Mohammed Abu El-Magd, Ehab Tousson, Amin Hassanin, **Mustafa Shukry**, Mohammed Salama(2015). Pineal gland plays a role in gonadal development in puppies after vision. *International Journal of Morphology*; 33(1):7-18. (Impact Factor: 0.299).
- 21- Khaled A. kahilo, Tarek Kamal, Nasr Elsayed, **Mustafa Shukry**, Doaa Dishesh and Mohammed Abdalla Hussein(2015). Fatty Acid Composition and Acute Toxicity Study on Moringa peregrina Fixed Oil in Albino Rats . *Int J Pharma Sci.* 2015, 5(5): 1282-1288.
- 22- Radi Mohamed,Usama Abou-ismail and **Mustafa Shukry** (2016). Effects of different monochromatic LED light colours on fear reactions and physiological responses in Mulard ducks. *Animal Production Science*
- 23- Radi A. Mohamed, **Mustafa Shukry**, Tarek M. Mousa-Balabel, Ahmed A. Elbassiouny(2016). Assessment of Plasma Prolactin and Nest Defense Behaviour During Breeding Cycle of Pigeon (*Columba livia domestica*). *Journal of Environmental and Agricultural Sciences.* 2016. 7:19-22.
- 24- Radi A. Mohamed,Usama A. Abou-Ismaïl, **Mustafa Shukry**, Ahmed M. Elmoslemany,Mohamed M - Abd-Elmagd (2016).Effects of blindfold and tail bend of Egyptian water buffalo on behavioural reactivity and physiological responses to pain induction|Effects of blindfold and tail bend of Egyptian water buffalo on behavioural reactivity and physiological responses to pain induction. *9th Int. Sci. Conf., Mansoura,2016.*
- 25- Moshira A El-Abasy, Doaa H Abdelhady, Tarek Kamel, and **Mustafa Shukry**.(2016). Ameliorative Effect of Coconut Oil on Hematological, Immunological and Serum Biochemical Parameters in Experimentally infected Rabbits. *Alexandria J Vet Sci.* 2016; 50(1): 36-48.
- 26- Essam A. Almadaly,Mohamed E. El-Sharawy , **Mostafa S. Atta** , Foad A. Farrag , Mahmoud S. Gewaily and Islam M. Saadeldin.(2017). Desalted and lyophilized seminal plasma increases protein tyrosine-phosphorylation of frozen-thawed bull spermatozoa incubated with a cell-permeable cyclic AMP (cAMP) analog (cBiMP). *Japanese Journal of Veterinary research (Impact Factor: 0.301)*
- 27- El-Magd MA, Kahilo KA, Nasr NE, Kamal T, **Shukry M**, Saleh AA(2016). A potential mechanism associated with lead-induced testicular toxicity in rats. *Andrologia.* 2016 Dec 21. doi: 10.1111/and.12750. [Epub ahead of print (Impact Factor: 1.301).
- 28- Sadek K, Abouzed T, Nasr S, **Shoukry M.** (2018). Role and potential targeting of hepatic apurinic/aprimidinic endonuclease-1 and cyclin-dependent kinase-4 in hepatocellular carcinoma. *Can J Physiol Pharmacol.* 2018 Mar;96(3):317. (Impact Factor: 1.822).
- 29- Sadek KM, Lebda MA, Abouzed TK, Nasr SM, **Shoukry M**(2017).Neuro- and nephrotoxicity of subchronic cadmium chloride exposure and the potential chemoprotective

effects of selenium nanoparticles. *Metab Brain Dis.* 2017 Oct;32(5):1659-1673. (*Impact Factor: 2.297*).

- 30- Sadek KM, Lebda MA, Nasr SM, Shoukry M.(2017). **Spirulina platensis prevents hyperglycemia in rats by modulating gluconeogenesis and apoptosis via modification of oxidative stress and MAPK-pathways.** *Biomed Pharmacother.* 2017 Aug;92:1085-1094. (*Impact Factor: 2.759*).
- 31- Atta MS, Almadaly EA, El-Far AH, Saleh RM, Assar DH, Al Jaouni SK, Mousa SA.(2017).**Thymoquinone Defeats Diabetes Induced Testicular Damage in Rats Targeting Anti oxidant, Inflammatory and Aromatase Expression.** *Int J Mol Sci.* 2017 Apr 27;18(5). (*Impact Factor: 3.6*).
- 32- Radi Mohamed, Sherif Z El-Kholya, Mustafa Shukry, Nagham Elsaidy (2017). **Manipulation of Broiler Growth Performance, Physiological and Fear Responses Using Three Monochromatic LED lights.** *Alexandria Journal of Veterinary Sciences.* *AJVS.* Vol.(53).
- 33- Rasha A Al Wakeel, Mustafa Shukry, Ahmed Abdel Azeez, Michel Fahmy Saad (2017). **Alleviation by gamma amino butyric acid supplementation of chronic heat stress-induced degenerative changes in jejunum in commercial broiler chickens.** *Stress (Amsterdam, Netherlands)* 20(10):1-11 (*Impact Factor: 2.6*).
- 34- D.H. Abdelhady, M.A. El-Abasy, S.S.E. Abou-Asa, Mustafa Shukry, Mohammed Abu El-Magd(2017). **The ameliorative effect of Aspergillus awamori on aflatoxin B 1 -induced hepatic damage in rabbits.** *World Mycotoxin Journal* 10(4):1-12. (*Impact Factor: 2.7*).
- 35- Zein Ibrahim, Mohamed Mohamed Soliman, Shawky Mahmoud, Mustafa Shukry(2017). **cardioprotective effects of curcumin against diabetes and nicotine-combined oxidative stress.** *African Journal of Traditional, Complementary and Alternative Medicines* 14(6):64-71. (*Impact Factor: 0.5*).
- 36- Tarek Kamal Abouzed, MAR Contreras, Kadry Mohamed Sadek, Mustafa Shukry, Essam Abdel-sattar(2018). **Red onion scales ameliorated streptozotocin-induced diabetes and diabetic nephropathy in Wistar rats in relation to their metabolite fingerprint.** *Diabetes Research and Clinical Practice* (*Impact Factor: 3.7*).
- 37- R.A. Mohamed, U.A. Abou-Ismael, M. Shukry, A. Elmoslemany, M. Abdel-Maged (2018). **Effects of blindfolding and tail bending of Egyptian water buffaloes on their 1 behavioural reactivity and physiological responses to pain induction.** *Veterinary and Animal Science.*
- 38- Zizy I. Elbially*, Doaa H. Abdelhady, Amira A. Omar, Mohamed M. Zayed, Mustafa Shukry(2018). **Effect of Using Sodium Carbonate Peroxyhydrate (OXY-SOS™) as an Alternative Source of Oxygen on Different Parameters in Nile Tilapia (Oreochromis Niloticus L.).** *Alexandria Journal of Veterinary Sciences.*
- 39- Foad A. Farrag, Samah A. Lashein, Essam A. Almadaly, Mahmoud S. Gewaily, Mustafa S. Atta, Tarek K. Abo-Zaid, Mohamed A. Kassab (2018). **Morphological and Immunohistochemical Study on the Testis of Brown-Banded Bamboo Shark (Chiloscyllium punctatum).** *Alexandria Journal of Veterinary Sciences.*
- 40- AL-LETHIE A. AL-LETHIE, ENAS ELMELIGY, ARAFAT KHALPHALLAH, BAHAA ELDEEN A. ABEDELLAAH, AHMED HAFEZ, USAMA T. MAHMOUD, MUSTAFA SHUKRY (2018). **Effect of Epidural Washout with Saline on Reversing Epidural Anesthesia with**

Lidocaine 2% with or without Adrenaline in Dogs. [Advances in Animal and Veterinary Sciences](#)

- 41- Mohamed A. Lebda, Kadry M. Sadek, Hossam G. Tohamy, Tarek K. Abouzed, **Mostafa Shukry**, Masakazu Umezawa, Yasser S. ElSayed (2018). **Potential role of α -lipoic acid and Ginkgo biloba against silver nanoparticles-induced neuronal apoptosis and blood-brain barrier impairments in rats.** Life Sciences (*Impact Factor: 3.2*).
- 42- **Mustafa S. Atta** , Ali H. El-Far , Foad A. Farrag, Mohamed M. Abdel-Daim , Soad K. Al Jaouni, and Shaker A. Mousa.(2018). **Thymoquinone Attenuates Cardiomyopathy in StreptozotocinTreated Diabetic Rats.** Oxidative Medicine and Cellular Longevity(*Impact Factor: 4.9*).
- 43- Tarek K. Abouzed, Kadry M. Sadek, Mousa M. Ayoub, Ebeed A. Saleh, Sherif M. Nasr , Yasser S. El-Sayed, **Moustafa Shoukry**.(2018). **Papaya extract upregulates the immune and antioxidants- related genes, and proteins expression in milk somatic cells of Friesian dairy cows.** Animal physiology and animal nutrition(*Impact Factor: 1.8*).