



Curriculum Vitae

I-Personal Identity:-

Given name:	Essam Abdel-Salam Moustafa Abdel-Rahman
Surname:	Almadaly
Sex:	Male
Date of birth:	25th -December -1979
Nationality:	Egyptian
Place of work:	Department of Theriogenology, Faculty of Veterinary Medicine, Kafrelsheikh University
Position:	Associate professor of Theriogenology
Address of work:	El-Geish Street - 33516, Kafrelsheikh, Egypt
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Marital state:	Married
Degrees:	Bachelor (B.V.Sc) on 2002, Master (M.V.Sc) on 2006 and Doctor (PhD) on 2012 (Veterinary Medicine).
E-mail:	Dr_Essam_2005@yahoo.com Habibysofy@yahoo.com
Major Specialization:	Theriogenology
Minor Specialization:	Andrology and Artificial Insemination (Spermatology).

II-Education:-

September 1997 – May 2002	Undergraduate student, Faculty of Veterinary Medicine, Kafrelsheikh, Tanta University-Egypt.
May 2002	Obtained License for Veterinarian (No. 29966)
September 2003 – July 2006	Master course student (Major: Theriogenology), Faculty of Veterinary Medicine, Tanta University
July 2006	Obtained Master's degree of Veterinary Medicine, (Tanta University-Egypt)
September 2006 – June 2012	Doctor Course student (Major: Theriogenology), Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt.
January 2010- December 2011	A member of channel system scholarship- Laboratory of Theriogenology, Department of Veterinary Medicine United Graduate School of Veterinary Sciences, Gifu University, Japan.
June 2012	Obtained Ph.D.'s degree (Theriogenology) (Kafrelsheikh University, No. 4312).

III-Employment history:-

July 2003 – July 2006	Demonstrator, Department of Theriogenology, Faculty of Veterinary Medicine, Kafrelsheikh, Tanta University, Egypt.
August 2006 – June 2012	Assistant lecturer, Department of Theriogenology, Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt.
January 2010–December 2011	Foreign researcher , Laboratory of Theriogenology, Department of veterinary Medicine, Faculty of Applied Biological sciences, Gifu University, Japan.
July 2012– September 2013	Lecturer, Department of Theriogenology, Faculty Of veterinary Medicine, Kafrelsheikh University, Egypt.
September 2013- March 2014	Post-doctoral scholarship for 6 months in Gifu University, Japan.
March 2014– July 2017	Lecturer, Department of Theriogenology, Faculty of veterinary Medicine, Kafrelsheikh University, Egypt.
July 2017 until present	Associate professor, Department of Theriogenology, Faculty of veterinary Medicine, Kafrelsheikh University, Egypt.

IV-Languages: fluent Arabic and English with Little French and Japanese.

V-Theses:

Master: *Studies on the epididymal spermatozoa of camels (Camelus dromedarius), Tanta*

University, 2006.

PhD: *Effect of seminal plasma proteins on the semen cryopreservation and establishment of an optimum method for determination of sperm acrosomal status in bulls, Kafrelsheikh University, 2012.*

VI-Publications

1. Ismail El-Kon, Adel Ramoun, Bahy Serur and **Essam Almadaly**. *Studies on the epididymal spermatozoa of camels (Camelus Dromedarius).* **Journal of Egyptian Veterinary Association**, 2006; 66 (3): 45-60.
2. **Essam Almadaly**, Ismail El-kon, Bassiouni Heleil, El-Sayed Fattouh, Koushi Mukoujima, Takuya Ueda, Youichirou Hoshino, Masaki Takasu and Tetsuma Murase. *Methodological factors affecting the results of staining frozen-thawed fertile and sub-fertile Japanese Black bull spermatozoa for acrosomal status.* **Animal Reproduction Science**, 2012; 136: 23-32.
3. **Essam Almadaly**, Foad Farrag, Mostafa Shukry and Tetsuma Murase. *Plasma membrane integrity and morphology of frozen-thawed bull spermatozoa supplemented with desalted and lyophilized seminal plasma.* **Global Veterinaria**, 2014; 13 (5): 753-766.
4. **Essam Almadaly**, Youichirou Hoshino, Takuya Ueta, Koushi Mukoujima, Mostafa Shukry, Foad Farrag, Ismail El-kon, Kazuo Kita and Tetsuma Murase. *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.
5. Mustafa Shukry, Tarek Kamal, Radi Ali, Foad Farrag, **Essam Almadaly**, Ayman A. Saleh, and Mohammed Abu El-Magd. *Pinacidil and levamisole prevent glutamate-induced death of hippocampal neuronal cells through reducing ROS production.* **Neurological Research**, 2015; 37: 916-923.
6. **Essam Almadaly**, Mohey Ashour, Ismail El-Kon, Bassiouni Heleil and El-Sayed Fattouh. *Efficacy of various synchronization protocols on the estrus behavior, lambing rate and prolificacy in Rahmani Egyptian ewes during the non-breeding season.* **Asian Journal of Animal and Veterinary Advances**, 2016; 11(1): 34-43.

7. Islam M. Saadeldin, Candrani Khoirinaya, Su Jin Kim, Joon Ho Moon, [Essam Almadaly](#) and Byeong Chun Lee. *Blastocysts derivation from somatic cell fusion with premature oocytes (prematuration somatic cell fusion)*. [Development, Growth & differentiation](#), **2016**; 58: 157-166.
8. [Essam Almadaly](#), Ibrahim Mansour, Nabil Mansour, Aly Karen, Bahy Serur and Ibrahim M. Abd El-Razek. *Efficacy of three synchronization protocols on the pregnancy rate in lactating dairy crossbred cows after fixed time artificial insemination*. [Asian Journal of Animal and Veterinary Advances](#), **2016**; 11 (5): 288-295.
9. [Essam A. Almadaly](#), Foad A. Farrag, Islam M. Saadeldin, Mohammed A. El- Magd and Ibrahim M. Abd El-Razek. *Relationship between total protein concentration of seminal plasma and sperm characteristics of highly fertile, fertile and subfertile Barki ram semen collected by electroejaculation*. [Small Ruminant Research](#), **2016**; 144: 90-99.
10. Nabil Mansour, [Essam Almadaly](#), Aly Karen and Adel Ramoun. *Schistosomus Reflexus fetus in a cross-breed Egyptian cow: A case report*. [Global Veterinaria](#), **2017**; 18 (2): 105-107.
11. [Essam A. Almadaly](#), Mohamed E. El-Sharawy, Mostafa S. Atta, Foad A. Farrag, Mahmoud S. Gewaily and Islam M. Saadeldin. *Desalted and lyophilized seminal plasma increases protein tyrosine-phosphorylation of frozen-thawed bull spermatozoa incubated with a cell-permeable cyclic AMP (cAMP) analog (cBiMPS)*. [Japanese Journal of Veterinary Research](#), **2017**; 65 (3): 113-126.
12. [Essam A. Almadaly](#), Foad A. Farrag and Nasr E. Nasr. *Protein and lipid species in seminal plasma and semen characteristics of fertile Holstein-Friesian bulls*. [Bulgarian Journal of Veterinary Medicine](#), **2019**; 22 (1): 66-81.
13. Mustafa S. Atta, [Essam A. Almadaly](#), Ali H. El-Far, Rasha M. Saleh, Doaa H. Assar, Soad K. Al Jaouni, Shaker A. Mousa. *Thymoquinone Defeats Diabetes-Induced Testicular Damage in Rats Targeting Antioxidant, Inflammatory and Aromatase Expression*. [International Journal of Molecular Sciences](#), **2017**; 18: 919-933.
14. Nasr E. Nasr, Mostafa A. Elmadawy, [Essam A. Almadaly](#), Walied Abdo, Mona M. Zamel. *Garlic protective effect against apoptosis in Lead-Induced Testicular Toxicity in Adult Male Rats*. [Alexandria Journal of Veterinary Science](#), **2017**; 54 (1): 70-78.

15. Khairy M. El-Bayomi, Ayman A. Saleh, Ashraf Awad, Mahmoud S. El-Tarabany, Hadeel S. El-Qaliouby, Mohamed Afifi, Shymaa El-Komy, Walaa M. Essawi, [Essam A. Almadaly](#) and Mohammed A. El-Magd. *Association of CYP19A1 gene polymorphisms with anoestrus in water buffaloes.* **Reproduction, Fertility and Development**, 2017; 30: 487-497.

16. Islam M. Saadeldin, Ayman Abdel-Aziz Swelum, Aaser M. Abdelazim, [Essam A. Almadaly](#). *Effect of Kisspeptin on the developmental competence and early transcript expression in porcine oocytes parthenogenetically activated with different methods.* **BioMed Research International**, 2018; (In press).

17. Foad A. Farrag, Samah A. Lashein, [Essam A. Almadaly](#), Mahmoud S. Gewaily, Mustafa S. Atta, Tarek K. Abo-Zaid, Mohamed A. Kassab. *Morphological and Immunohistochemical Study on the Testis of Brown-Banded Bamboo Shark (Chiloscyllium punctatum).* **Alexandria Journal of Veterinary Science**, 2018; 57 (1): 126-134.

18. Reza Rajabi-Toustani, Quzi Sharmin akter, [Essam A. Almadaly](#), Yoichiro Hoshino, Hiromichi Adachi, Koushi Mukoujima, Tetsuma Murase. *Methodological improvement of fluorescein isothiocyanate peanut agglutinin (FITC-PNA) acrosomal integrity staining for frozen-thawed Japanese Black bull spermatozoa.* **Journal of Veterinary Medical Science**, 2018 (In press).

19. A.I. Ja'afaru, [Essam A. Almadaly](#), M. Shukry, Shawky Mahmoud, M.F. Saad, A.A. Husain. *Electrocardiographic, endocrine and biochemical stress indices of electroejaculated Egyptian Baladi goat bucks.* **Small Ruminant Research**, 2019; 173: 74-80.

20. [Essam A. Almadaly](#), Fady S. Tawfik, Ismail I. El-Kon, Bassiouni A. Heleil, El-Sayed M. Fattouh. *Effect of different cryoprotectants on the post-thaw sperm characteristics and in vivo fertility of Buffalo (Bubalus bubalis) bull semen.* **Slovenian Veterinary Research**, 2019 (In press).

21. Adel A. Ramoun, Ismail I. EL- Kon, [Essam A. Almadaly](#), Aly M. Aly and Hasballah A. Abo EL-Ghate. *Assessment the synchrony between uterine status and hormonal profiles in modified ovsync protocols in relation to fertility in buffaloes.* **Slovenian Veterinary Research**, 2019 (In press).

22. Adel A. Ramoun, [Essam A. Almadaly](#), Hamdy A. Hattab, Samy A. Darwish and Ismail I. EL- Kon. *Transrectal ultrasonography and rectal palpation for judging uterine and cervical involutions in Buffalo: A comparative study*. [Slovenian Veterinary Research](#), 2019 (In press).
23. Ayman S. Atiba1, Alaa Ghazy, Foad A. Farrag, Mohammed A. El-Magd, [Essam A. Almadaly](#). *Ultrasound-guided brachial plexus nerve block in Donkeys*. [Slovenian Veterinary Research](#), 2019; 56: 7-14.

VII-International conferences:

- 1- [Essam Almadaly](#), Koushi Mukoujima, Takuya Ueda, Youichirou Hoshino, Ismail El-kon, Mostafa Shukry, Foad Farrag, Masaki Takasu, Bassiouni Heleil, El-Sayed Fattouh and Tetsuma Murase: Effects of seminal plasma on post-thaw quality and function of Japanese Black bull spermatozoa. [The 156th Annual International Scientific meeting of the Japanese Society of Veterinary Science held on September 20th-22nd-2013, Gifu University, Japan.](#)
- 2- [Essam Almadaly](#), Y. Akemi, Foad Farrag, Mostafa Shukry and Tetsuma Murase: Protein and Lipid species of seminal plasma and semen characteristics in Holstein bulls. [The 9th International Symposium on Reproduction in Domestic Ruminants held in Obihiro, Hokkaido, Japan, August-2014.](#)

VIII-Skills and training programs:

1. Holding [ICDL](#) certificate from nearly 10 years ago.
2. Holding international [TOEFL](#) certificate from IBC, Tanta branch on 21 February-2009.
3. Obtaining several training programs of [FLDP](#) and [IFLDC](#) such as:
 - a. *Methods of Scientific Research.*
 - b. *Use of Technology in Teaching.*
 - c. *Effective Communication Skills.*
 - d. *Legal Aspects of Universities.*
 - e. *Effective Presentation Skills.*
 - f. *Evaluation of Teaching*
 - g. *Thinking.*

h. How to design a research project.

i. Methods of Education.

j. E. Learning.

k. Time and meeting management.

l. Competitive Research Projects.

m. Occupation Ethics.

4. Obtaining several training programs of **ICTT** such as *SPSS and application of regulations and control subjects*.
5. Holding the university prize for the *International Scientific Publication on 4/2013* (**one paper**).
6. Holding the university prize for the *International Scientific Publication on 4/2015* (**one paper**).
7. Holding the university prize for the *International Scientific Publication on 5/2016* (**two papers**).
8. Candidate for holding the university prize for the *International Scientific Publication on 5/2017* (**two papers**).
9. Candidate for holding the university prize for the *International Scientific Publication on 5/2018* (**Two paper**).
10. Participant in the *3rd Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 10th-12th-May-2009.*
11. Participant in the *Scientific Symposium entitled "recycling the household wastes"* hold in the Faculty of Veterinary Medicine, Kafrelsheikh University on **21st-February-2012.**
12. Participant in the *Scientific Symposium entitled "Disease problems in fish farms of Kafrelsheikh Governorate"* hold in the Faculty of Veterinary Medicine, Kafrelsheikh University on **18th-May-2014.**
13. Participant in the *Scientific Symposium entitled "Parasitic problems in poultry farms"* hold in the Faculty of Veterinary Medicine, Kafrelsheikh University on **19th-April-2015.**

14. Lecturer in the work shop entitled "Uses of Ultrasound in diagnosis of infertility problems in farm animals" from **14th to 16th -September-2015.**
15. Participant in the Scientific Symposium entitled "New trends in feeding of high lactating dairy cows during pre and post-partum period in the 21st century" hold in the Faculty of Veterinary Medicine, Kafrelsheikh University on **27th-October-2015.**
16. Participant in the Scientific Symposium entitled "Artificial insemination between reality and hope" hold in the Faculty of Veterinary Medicine, Kafrelsheikh University on **24th-February-2016.**
17. Participant in the 4th Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 12th-14th-May-2016.
18. Participant in the Scientific Symposium entitled "Brucellosis between human and animal" hold in the Faculty of Veterinary Medicine, Kafrelsheikh University on **8th-November-2016.**
19. Participant in the 5th Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 5th-9th-March-2019.

Google scholar website: <https://scholar.google.com/citations?user=1C0HS8QAAAAJ&hl=en>

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