

## **Abdallah M. Shahat MVSc., DVM**

**Assistant Lecturer,**

**Department of Theriogenology,**

**Faculty of Veterinary Medicine,**

**Cairo University, Egypt**

### **Contact details**

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**Status in Canada:** Study permit **from** 2019/01/17 **to** 2023/04/30

### **Education**

**April 2016:** Master of Veterinary Medical Sciences (MVSc.) Department of Theriogenology, Faculty of Veterinary Medicine, Cairo University, Egypt, under supervision of Dr. Mohamed Ayob and Dr. AbdelRaouf Ghallab. Thesis entitled (**Influence of some antioxidants supplementation in semen extender on quality of stallion spermatozoa**).

**May 2012:** Bachelor Degree in Veterinary Medical Sciences (DVM) Faculty of Veterinary Medicine, Cairo University, Egypt, Very Good (Honors).

### **Academic positions**

**May 2016 till now:** Assistant lecturer, Department of Theriogenology, Faculty of Veterinary Medicine, Cairo University, Egypt.

**March 2013 till May 2016:** Demonstrator, Department of Theriogenology, Faculty of Veterinary Medicine, Cairo University, Egypt.

### **Publications**

1. A. M. Ghallab, Mostafa M. Abou-Ahmed, Aya M. Fadl, Diya A. El-Badry, **Abdallah M. Shahat** and Adel R. Moawad (2019). Optimization the protocol for cryopreservation of Arabian stallion spermatozoa: Effects of centrifugation, semen extenders and cryoprotectants. *Cryo Letters* **40**:129-138.

2. AbdelRaouf M. Ghallab, Abdallah M. Shahat, Aya M. Fadl, Mohamed M. Ayoub, **Adel R. Moawad**. (2017). Supplementation of semen extender with antioxidants improves the quality of chilled or cryopreserved Arabian stallion spermatozoa. *Cryobiology*, **79**:14-20.

### **Awards**

- Cairo University International Publication Award, 2018
- Ph D Scholarship, Ministry of Higher Education, Egypt 2018

### **Research Skills**

1. Semen collection, evaluation and processing in different species (equine, cattle, sheep, goat, dogs and cats).
2. Preparation of semen extenders
3. Semen cryopreservation
4. Evaluation of sperm motility
5. Evaluation of sperm morphology
6. Sperm count using hemocytometer
7. Hypo Osmotic Swelling Test
8. DNA damage in sperm cells
9. Breeding soundness in cattle and horses
10. Management of cattle fertility
11. Fluorescence microscope
12. Tissue culture and cell isolation
13. RNA extraction and reverse transcription
14. RT-PCR and endpoint PCR
15. Immunohistochemistry
16. SPSS for statistical analysis

### **Academic Teaching**

- 1- Group teaching
- 2- One to One teaching

- 3- Student's grading and evaluation
- 4- Teaching theoretical and practical classes of animal reproduction courses (Gynecology, Obstetric, Andrology and Artificial Insemination) in different animal species such as cattle, buffalo, sheep, goat, equine, camel, dogs and cats, Department of Theriogenology, Faculty of Veterinary Medicine, Cairo University to undergraduate veterinary students.
- 4- Contributing in teaching of summer courses and clinical training of different aspects of Animal Reproduction (such as physiology of reproduction in male and female, pregnancy diagnosis, treatment of infertility, treatment of dystocia (difficult birth) using different approaches, semen collection, evaluation and artificial insemination, embryo transfer, in different species such as cattle, buffaloes, equine, camels, sheep, goat, dogs and cats) to undergraduate students, Department of Theriogenology, Faculty of Veterinary Medicine, Cairo University.

### **Clinical Experiences**

- 1- Veterinarian in the clinic of Theriogenology Department, Faculty of Veterinary Medicine, Cairo University and private clinics and farms since March 2013
- 2- Treatments of all forms of infertility in cattle, buffalo, horses, sheep, goat, dog and cat
- 3- Pregnancy diagnosis in farm animals and pet animals by using different methods such as rectal palpation and ultrasound
- 4- Fertility management in cattle
- 5- Breeding soundness in cattle and horses
- 6- Treatment of all forms of dystocia in cattle, buffalo, horses, camels, sheep, goat, dogs and cats using different methods including caesarian section
- 7- Semen collection, evaluation, and artificial insemination in cattle, buffalo, horses, camels, sheep, goat, dogs and cats

### **Training courses and workshops**

1. Competing for research funds (FLDC, Cairo University)
2. E-learning (FLDC, Cairo University)
3. Meeting and Managing time (FLDC, Cairo University).
4. Effective presentation skills (FLDC, Cairo University)
5. Use of technology in teaching (FLDC, Cairo University)

6. Teaching quality standards (FLDC, Cairo University)
7. Training course on ultrasound and Doppler examination of the mare reproductive tract (Animal Reproduction Institute, Giza, Egypt)

## **Language**

**Arabic:** Mother Language.

**English:** Fluent (Academic IELTS: 7)

## **References**

**Professor Dr. AbdelRaouf M. Ghallab, PhD, BVSc**

Professor of Animal Reproduction, Department of Theriogenology, Faculty of Veterinary Medicine, Cairo University, Egypt. E-mail: amghallab@yahoo.com