

MOSTAFA MOHAMED MOSTAFA ABOU AHMED

PERSONAL DATA

Name: Mostafa Mohamed Mostafa Abou Ahmed, Professor of Theriogenology
Department of Theriogenology, Faculty of Veterinary Medicine, Cairo University

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Academic Background:

- PhD, Faculty of Veterinary Medicine, Cairo University, 1982.
- MVSc, Faculty of Veterinary Medicine, Cairo University, 1979.
- BVSc, Faculty of Veterinary Medicine, Assiut University, 1975.

Present Job:

- Professor of Theriogenology, Faculty of Veterinary Medicine, Cairo University since 1993.

Employment since graduation:

- Demonstrator of Theriogenology, Faculty of Veterinary Medicine, Cairo University from 1976 to 1979.
- Assistant Lecturer of Theriogenology, Faculty of Veterinary Medicine, Cairo University from 1979 to 1982.
- Lecturer of Theriogenology, Faculty of Veterinary Medicine, Cairo University from 1982 to 1988.
- Assistant Professor of Theriogenology, Faculty of Veterinary Medicine, Cairo University from 1988 to 1993.
- Professor of Theriogenology, Faculty of Veterinary Medicine, Cairo University since 1993.
- Head of Department of Theriogenology from 2009 to 2012.

Teaching Experience:

- Delivering lectures in Theriogenology for both undergraduate and postgraduate students.
- Teaching theoretical and practical courses of Andrology and A.I. for undergraduate and postgraduate students.
- Explanation and demonstration of the practical course of Theriogenology for undergraduate and postgraduate students.

Qualifications:

- Planning and carrying out researches in the field of Theriogenology.
- Advisor in some large farms for the aspects of reproduction and artificial insemination.
- Pioneering in the research field of reproduction in Arabian horses.
- Diagnosis and treatment of reproductive problems in farm animals in the veterinary Teaching Hospital, Faculty of Veterinary Medicine, Cairo University.
- Specialized education and training in the field of embryo transfer, College of Veterinary Medicine, University of Illinois, USA.

Membership:

- Egyptian Veterinary Medical Association.
- Society for Theriogenology (USA).

Theses:

- Abou-Ahmed, M. M. (1979): Gonadal and epididymal sperm reserves in the stallion (*Equus Caballus*), MVSc, Faculty of Veterinary Medicine, Cairo University.
- Abou-Ahmed, M. M. (1982): Studies on post-natal development of the genital organs and semen characteristics of fat-tailed sheep, PhD, Faculty of Veterinary Medicine, Cairo University.

Thesis's Supervisor:

- Ali, U. A. (1988): Experimental studied on some insecticides on male and female reproduction in rats. (MVSc, Fac.Vet.Med., Cairo University).
- Hussein, M. M. (1989): Effect of age and season on some Characteristics of the accessory glands of the male camel. (MVSc, Fac.Vet.Med., Cairo University).
- Ali, U. A. (1992): Reproductive toxicity of the pesticides Hostathion, Sumithion and Dithan M-45 in rodents. (PhD, Fac.Vet.Med., Cairo University).
- El-Sayed, I. I. (1997): Reproductive toxicity testing of some pollutants in male goats. (MVSc, Fac.Vet.Med., Cairo University).
- Mohamed, A.A. (2000): Sexual behaviour, semen characteristics and plasma testosterone level in native cattle bulls with emphasis on seasonal variation. (MVSc, Fac.Vet.Med., Cairo University).
- El-Sayed, I.I. (2002): Studies on semen characteristics and testosterone profile in relation to some ultrasonographic features of the testis and epididymis of Baladi goat. (PhD, Fac.Vet.Med., Kafr El-Sheikh, Tanta University).
- Kerban, A.A. (2008): Effect of some feed additives on reproductive performance of young fat-tailed rams. (PhD, Fac.Vet.Med., Cairo University).
- Lotfy A. B. (2011): Estrous synchronization and fertility in cattle after treatment with gonadotropin - Releasing hormone, Prostaglandin F_{2α} and Estradiol. (MVSc, Fac.Vet.Med., Cairo University).
- El Sherbiny, H. (2013): Effect of supplementation of some antioxidants on the quality of chilled and cryopreserved ram semen (MVSc, Fac.Vet.Med., Cairo University).
- Nofal, R. A. (2014): Relationship between lipid composition of blood and seminal plazma and semen quality in buffalo. (MVSc, Fac.Vet.Med., Cairo University).
- El Sherbiny, H. (Ongoing Research): Effect of some capacitating agents on the fertilizing capacity of cryopreserved ram semen (PhD, Fac.Vet.Med., Cairo University).

LIST OF PUBLICATIONS

- 1- El-Wishy, A.B., Abou-Ahmed, M.M., Hemeida, N.A. and El-Sayed, M.A.I. (1982):
Sperm production capacity of Arab and native horses in Egypt. *Journal of Reproduction and Fertility, Suppl.* 32, 27-30.
- 2- El-Menoufy, A.A., Seida, A.A., Fattouh, El-S.M. and Abou-Ahmed, M.M. (1986):
Effect of caffeine on metabolic activity of ejaculated and epididymal spermatozoa of buffalo (*Bubalus bubalis*). *Zuchthygiene* 21, 214-219.
- 3- Abou-Ahmed, M.M., El-Belely, M.S., Hemeida, N.A., El-Baghdady, Y.R.M. and Ismail, S.T. (1987):
The fetal fluids of the camel. *Society of Theriogenology, Austin, USA*, pp. 354.
- 4- El-Belely, M.S., Zaki, K., Abou-Ahmed, M.M. and Grunert, E. (1987):
Influence of progesterone coils (PRID) on some plasma constituents in buffaloes. *British Veterinary Journal* 143, 344-347.
- 5- Hemeida, N.A., El-Baghdady, Y.R.M., Ismail, S.T., Abou-Ahmed, M.M. and El-Belely, M.S. (1987):
Reproduction in Arab Mares of Egypt. *Society of Theriogenology, Austin, USA*, PP. 352.
- 6- Abou-Ahmed, M.M., Seida, A.A., Ghallab, A.M., Ismail, S.T. and El-Wishy, A.B. (1988):
Effects of age and season on weight and some biochemical attributes of accessory genital glands of the one-humped male camel (*Camelus dromedaries*). *Zuchthygiene* 23, 26-32.
- 7- Abou-Ahmed, M.M., El-Belely, M.S., Hemeida, N.A., El-Baghdady, Y.R.M. and Ismail, S.T. (1991):
Electrolyte changes in the fetal fluids of the camel (*Camelus dromedaries*). *Society of Theriogenology, Annual Meeting, San Antonio, Texas*.
- 8- El-Baghdady, Y.R.M., Hemeida, N.A., Abou-Ahmed, M.M. and El-Belely, M.S. (1991):
Studies on the leucogram of female camel (*C. dromedaries*) at various reproductive phases. *Reproduction Domestic Animals, Germany* 26, 94-98.
- 9- Abou-Ahmed, M.M., El-Belely, M.S., Ismail, S.T., El-Baghdady, Y.R.M. and Hemeida, N.A. (1993):
Influence of age and season on certain biochemical constituents of seminal plasma of Arabian horses. *Animal Reproduction Science* 32, 237-244.
- 10- El-Belely, M.S., Abou-Ahmed, M.M. and Eissa, H.M. (1994):
The relationship between concentrations of certain plasma metabolites and fertility levels in buffalo cows (*Bubalus Bubalis*). *Buffalo Journal* 1, 53-59.
- 11- Hemeida, N.A., Abou-Ahmed, M.M. and El-Wishy, A.B. (1980):
Reproductive Capacity of Horses in Egypt. 2- Effect of Breed and Age on Testes Characteristics and Sperm Production. *Egyptian Journal of Veterinary Science* 17, 149-169.
- 12- Hemeida, N.A., El-Wishy, A.B. and Abou-Ahmed, M.M. (1980):
Reproductive Capacity of Horses in Egypt. 3- Epididymal Sperm Reserve and Transit Time. *Egyptian Journal of Veterinary Science* 17, 171-190.
- 13- El-Wishy, A.B., Abou-Ahmed, M.M., El-Sayed, M.A.I. and Hemeida, N.A. (1980):
Reproductive Capacity of Horses in Egypt. 4- Seasonal Changes in Sperm Production and Epididymal Sperm Reserve. *Egyptian Journal of Veterinary Science* 17, 191-206.
- 14- El-Belely, M.S., Abou-Ahmed, M.M., Ismail, S.T. and Grunert, E. (1985):
The relationship of some plasma constituents of Egyptian buffaloes to pregnancy, age, milk yield and season. *Proc. 1st. Wid. Buff. Cong. Cairo*, 994-1017.

- 15- El-Belely, M.S., Ismail, S.T., Abou-Ahmed, M.M. and Grunert, E. (1985):
Factors affecting the level of certain plasma enzymes in Egyptian buffaloes with particular references to pregnancy, age and season. Proc. 1st. Wid. Buff. Cong. Cairo, 1018-1032.
- 16- Fattouh, El-S.M., Seida, A.A., Nasr, M.T. and Abou-Ahmed, M.M. (1985):
Effect of caffeine on the motility of ejaculated and epididymal buffalo spermatozoa. Veterinary Medical Journal, Giza 33, 261-271.
- 17- El-Wishy, A.B., Fattouh, El-S.M., Ghallab, A.M., Seida, A.A. and Abou-Ahmed, M.M. (1985):
Induction of estrus in suboestrous buffaloes with cloprostenol (I.C.I.). Proc. 1st Wid. Buff. Cong. Cairo, 971-975.
- 18- Abou-Ahmed, M.M. , Ismail, S.T., El-Belely, M.S. and Gomaa, A. (1986):
The effect of frequent ejaculation during winter and spring seasons on some semen characteristics of fatt-tailed rams. Egyptian Journal of Veterinary Science 23,195-203.
- 19- Hemeida, N.A., Serur, B.H., Abou-Ahmed, M.M., El-Belely, M.S. and El-Baghdady, Y.R.M. (1987):
Functional changes in the gravid uterus of the camel with emphasis on placentation. Journal of the Egyptian Veterinary Medical Association 47,723-736
- 20- El-Belely, M.S., Abou-Ahmed, M.M., Hemeida, N.A. and El-Baghdady, Y.R.M. (1988):
The effect of pregnancy on certain serum organic constituents in the camel. Assiut Veterinary Medical Journal 20, 149-157.
- 21- Ismail, S.T., El-Belely, M.S., Abou-Ahmed, M.M. , El-Baghdady, Y.R.M. and Hemeida, N.A.(1988):
Vitamin A and male reproduction in the camel (*Camelus dromedaries*). Assiut Veterinary Medical Journal 19, 157-165.
- 22- El-Baghdady, Y. R. M., Hemeida, N. A. , El-Belely, M. S. and Abou-Ahmed, M. M. (1988):
The erythrogram of she-camel at various reproductive phases. Journal of the Egyptian Veterinary Medical Association 48, 271-280.
- 23- Hemeida, N. A. , Abou-Ahmed, M. M., Shalaby, M. A., Raid, F. and Ali, U. A. (1988):
Effects of organophosphorous insecticide-pollutions: Trichlorfon and Diazinon on male reproduction. Egyptian Journal of Andrology and Reproduction 3, 17-30.
- 24- Hemeida, N. A., Shalaby, M. A., Abou-Ahmed, M. M. and Ali, U.A (1989):
Fetotoxicity and Teratogenicity of Trichlorfon and Diazinon insecticides in rats. 3rd world Conference on Environmental and Health Hazards of Pesticides, Cairo, Egypt (Abst.).
- 25- Hassan, A.B., Abou-Ahmed, M. M., Ashgan M. Salem, Aziza M. Amer, Asia M. El-Sawi and Kawther A. El-Hady (1989):
Effect of some antirheumatic drugs on reproductive organs and fertility of male rats. Veterinary Medical Journal, Giza 37, 623-632.
- 26- Ismail, S.T., El-Baghdady, Y. R. M., Hemeida, N.A., Abou-Ahmed, M. M. And El-Belely, M. S. (1990):
Seasonal influence on the reproductive performance of Arab mares. Proc. 4th Sci. Cong., Fac. Vet. Med., Assiut Univ. Vol. II, 520-531.
- 27- El-Baghdady, Y. R. M., Hemeida, N. A., Abou-Ahmed, M. M. and El-Belely, M. S. (1990):
Serum electrolyte profiles in pregnant camels (*C. dromedaries*). Egypt. Soc. Anim. Reprod. Fert., Proc. 2nd Ann. Cong., Fac. Vet. Med., Suez Canal Univ., Ismailia, 59-86.

- 28- El-Baghdady, Y.R.M., Hemeida, N.A., Abou-Ahmed, M.M., El-Belely, M.S. and Ismail, S.T. (1990): Age-related changes in seminal and behavioural characteristics of Arab horses. Proc. 4th Sci. Cong., Fac. Vet. Med. Assiut Univ. Vol. 11, 510-519.
- 29- El-Baghdady, Y.R.M., Hemeida, N.A., El-Belely, M.S., Abou-Ahmed, M.M. and Grunert, E. (1990): Serum profile of progesterone and oestrogens throughout the reproductive cycle of the female camels (C. Dromedaries). Proc. 4th Sci. Cong., Fac. Vet. Med., Assiut Univ. Vol. 11, 499-509.
- 30- El-Baghdady, Y.R.M., Abou-Ahmed, M.M., El-Belely, M.S., Hemeida, N.A. and Ismail, S.T. (1990): Influence of season on seminal characteristics and sexual behaviour in Arab horses. Proc. 4th Sci. Cong., Fac. Vet. Med., Assiut Univ., Vol. 11, 488-498.
- 31- Hemeida, N.A., El-Baghdady, Y.R.M., El-Belely, M.S., Ismail, S.T. and Abou-Ahmed, M.M. (1990): Seminal characteristics of Arab stallions. Proc. 4th Sci. Cong., Fac. Vet. Med., Assiut Univ. Vol. 11, 477-487.
- 32- Abdou, M.S.S., El-Menoufy, A.A., Fattouh, El-S.M. and Abou-Ahmed, M.M. (1991): Effect of frequency of ejaculation on libido, sperm output and semen quality of young Friesian bulls. Soc. Anim. Reprod. Fert., Proc. 3rd Ann. Cong., Cairo, 207-213.
- 33- Abou-Ahmed, M.M. (1992): Age-related changes and seasonal variations in the daily sperm production of the stallion. Veterinary Medical Journal, Giza 40, 73-85.
- 34- Abou-Ahmed, M.M., El-Gharbawy, S.M. and Nada, M.M. (1992): On spermatogenesis, numbers of Sertoli cells and Leydig cells in stallions as modulated by age and season. Veterinary Medical Journal, Giza 40, 87-100.
- 35- Ismail, S.T., Abou-Ahmed, M.M. and El-Belely, M.S. (1992): The relationship between plasma progesterone and embryo production in dairy cows superovulated with FSH or PMSG. Veterinary Medical Journal, Giza 40, 63-72.
- 36- Nofal A. R., El-Badry, D.A., Abou-Ahmed, M.M. and Ghallab, A.M. (2014): Studying lipid antioxidants and enzymatic profile in seminal plasma and blood serum of buffalo in relation to fresh semen quality. Veterinary Medical Journal, Giza (In press)