



Curriculum Vitae

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Ph.D. Animal Science, Animal Physiology, November, 1990.

Department of Animal Science, University of Minnesota, USA.

M.Sc., Animal Production, January, 1983.

Department of Animal Production, Suez Canal University, Egypt.

B. Sc., Animal Production. Very good with Honor, June, 1977.

Department of Animal Production, University of Alexandria, Egypt.

Professional Experience

- Chairman, Department of Animal Production, Faculty of Agriculture, Suez Canal University, Egypt, 2011 till present.
- Professor at Department of Animal Production, Faculty of Agriculture, Suez Canal University, Egypt, 2003 till present.
- Visiting Professor at Fac. of Food and Agriculture, UAE University. 2008/2009-2009/2010.
- Chairman, Dept. of Aridland Agriculture, College of Food Systems, United Arab Emirates University, 2001 to 2004.
- Chairman, Animal Production Department, Faculty of Agricultural Sciences, United Arab Emirates University, 2000 to 2001.
- Associate Professor at Animal Production Department, Faculty of Agricultural Sciences, United Arab Emirates University 1997 to 2000.
- Associate Professor at Animal Production Department, Faculty of Agriculture, Suez Canal University, Egypt, 1995 to 1997.
- Assistant Professor at Animal Production Department, Faculty of Agriculture, Suez Canal University, Egypt, 1991 to 1995
- Teaching Assistant 1979 to 1984.
Department of Animal Production, Suez Canal University, Egypt.

Publications:

1. A. B. Okab, **M. A. Ayoub**, E. M. Samara, K. A. Abdoun, A. A. Al-Haidary, A. A. Koriem, and A. A. Hassan. 2012. Improvement of growth and nitrogen utilization in sheep using sugar beet pulp treated with *Trichoderma reesei* or urea. *Trop Anim Health Prod* (2012) 44:1623–1629
2. L. Ondruska, J. Rafayl, A.B. Okab, **M.A. Ayoub**, A.A. Al-Haidary, E.M. Samara, V. Parkanyi, L. Chrastinova, R. Jurcik, P. Massanyi, N. Lukac, P. Supuka. 2011. Influence of elevated ambient temperature upon some physiological measurements of New Zealand White rabbits. *Veterinari Medicina*, 56, (4): 180–186
3. W. H. Kishk, H. A. Khalil and **M. A. Ayoub** (2010). Efficiency of GnRH injection on recovery and quality of rabbits oocytes. The 6th Inter. Con .on Rabbit Prod. in Hot Clim., Assuit, Egypt, 299 - 304 (2010).
4. Shubhadeep Roychoudhury, P. Massanyi, J. Slamecka, I. Chlebec, J. Trandzik, J. Bulla, A. B. Okab, T. A. Taha, M. H. Salem and **M. A. Ayoub**. 2009. In vitro gossypol induced spermatozoa motility alterations in rabbits. *Journal of Environmental Sci. and Health Part B* 44: 730-741.
5. W. H. Kishk, Rabaa. A. Tharwat, H. A. Khalil and **M. A. Ayoub**. 2009. Seasonal effects on white New Zealand and californian rabbit bucks semen characteristics, hematological parameters and body reaction performance in Egypt. 5th International Poultry Conference 10-13 March 2009. Taba – Egypt.

6. A. B. Okab , **M. A. Ayoub**, Ondruska L., A. A. Koriem. 2008. Dry biomass of mediterranean sea algae in feed mixture of rabbits and its effects on semen characteristics. "Safety and Quality of Raw Materials and Foodstuffs" Conference, NITRA, Slovakia, 31/1-1/2/2008.
7. Hassnaa M. Shebl, **M. A. Ayoub**, W. H. Kishik, H. A. Khalil, and R.M. Khalifa. 2008. Effect of Thermal Stresses on the Physiological and Productive Performance of Pregnant Doe Rabbits. *Agricultural Research Journal*; Suez Canal University, Volume 8 (1): 15-24.
8. **M. A. Ayoub**, A. B. Okab and A. A. Koriem. 2007. Effect of seasonal variations on some hematological and plasma biochemical parameters in egyptian male and female baladi red rabbits. The 5th Inter. Con. on Rabbit Prod. in Hot Clim., Hurghada, Egypt, 509-522.
9. **M. A. Ayoub**. 2006. Effect of Drinking Diluted Seawater on the Physiological Performance of Camels and Goats. First conference of the International Society of Camelids Research and Development (ISOCARD) Al-Ain, United Arab Emirates. April 15th – 17th.
10. W. H. Kishk, H. A. Khalil, A. M. Hassanein and **M. A. Ayoub**. 2006. Physiological, reproductive and productive traits of new zealand white rabbits doe as affected by natural mating time. *Egyptian Journal of Rabbit Science*. 16(2): 223- 232.
11. R. Padmanabhan, N. M. Al-Menhali, I. Ahmed, H. H. Kataya and **M. A. Ayoub**. 2005. Histological, histochemical and electron microscopic changes of the placenta induced by maternal exposure to hyperthermia in the rat. *International Journal of Hyperthermia*, 21(1): 29-44.
12. Aly B. Okab and **M. A. Ayoub**. 2005. Role of free radicals in male fertility. Society of Physiological Sciences and their Applications. Third Scientific Conference. Ras Sedr, Egypt, July 28th – 31st.
13. El-Banna, S. G., A. A. Hassan, A. B. Okab, A. A. Koriem and **M. A. Ayoub**. 2005. Effect of feeding diets supplemented with seaweed on growth performance and some blood hematological and biochemical characteristics of male baladi rabbits. The 4th International Conf. on Rabbit Production in Hot Climates. Sharm El-Sheikh, Egypt. February 24th – 27th .
14. Al-Shorepy, S. A., G. A. Alhadrami, **M. A. Ayoub**, Abdullah J. Dakheel. 2004. Growth performance and body composition of indigenous goats fed Distichlis grass hay. 5th UAEU Research conference; 25th April – 27th 2004.
15. G.A. Alhadrami, S. A. al-Shorepy, **M.A. Ayoub**, A. M. Yousef. 2004. Growth performance and carcass characteristics of indigenous goats fed Distichlis grass hay grown in saline desert lands and irrigated with high salt content water. 5th UAEU Research conference; 25th April – 27th 2004.
16. **M.A. Ayoub**, S. A. Al-Shorepy, G.A. Alhadrami and Abdullah.J. Dakheel. 2004. Estradiol and progesterone hormonal profiles in pregnant sheep fed Sporobolus grass hay grown in saline desert lands and irrigated with high salt content water. 5th UAEU Research conference; 25th April- 27th 2004.
17. **M.A. Ayoub**, A. A. El-Khouly and T. M. Mohamed. 2003. Some Hematological and Biochemical Parameters and Steroid Hormone Levels in the One-Humped Camel (*Camelus dromedaries*) During Different Physiological Conditions. *Emir. J. Agric. Sci.* 15 (1): 44-55.
18. Eman, Ismail, T. A. Taha and **M. A. Ayoub**. 2002. Seasonal variations in body reactions, hematological and serum biochemical parameters in Barki and Awassi rams under subtropical conditions. *Alex.J.Agric. Res.* 47(1):1-16.
19. T. R. Rahmy, and **M. A. Ayoub**. 2002. In-vitro action of cobra snake venom on the ultrastrucutre of goat spermatozoa" Transmission and scanning electron microscopic study. *The Journal of venomous animals and toxins* 8: (1) 127-159.
20. **M.A. Ayoub**, T.A. Taha and Eman I. Abdel-Gawad. 2000. Monthly and seasonal variations in semen characteristics and serum testosterone and triiodothyronine levels in Barki, Damascus male goats and their crosses under subtropical conditions. *Proc. 3rd All Africa*

Conf. Anim. Agric. & 11th Conf. Egyptian Soc. Anim. Prod., Alexandria, Egypt, 6-9 November, 459-468.

21. Eman I. Abdel-Gawad, T. A. Taha, and **M.A. Ayoub**. 2000. Monthly and seasonal variations in seminal plasma constituents of Barki, Damascus male goats and their crosses under subtropical conditions. Proc. 3rd All Africa Conf. Anim. Agric. & 11th Conf. Egyptian Soc. Anim. Prod., Alexandria, Egypt, 6-9 November, 491-499.
22. T.A. Taha, E. I. Abdel-Gawad and **M. A. Ayoub**. 2000. Monthly variations in some reproductive parameters of Barki and Awassi rams throughout 1 year under subtropical conditions. 1. Semen characteristics and hormonal levels. *Animal Science*. 71: 317-324.
23. T.A. Taha, E. I. Abdel-Gawad and **M. A. Ayoub**. 2000. Monthly variations in some reproductive parameters of Barki and Awassi rams throughout 1 year under subtropical conditions. 2. Biochemical and enzymatic properties of seminal plasma. *Animal Science*. 71: 325-332.
24. S.A. El-Zarkouny, **M.A. Ayoub**, M.H.G. Ishak, F.D. El-Nouty, G.A. Hassan, Zahraa R. Abo El-Ezz and M.H. Salem. 1999. Effect of carbosulfan pesticide and selenium on some semen characteristics and serum testosterone in male rabbits. *Inter. J of Environmental Health Res*. 9: 117-124.
25. **M. A. Ayoub**, and A. A. Saleh. 1998. A comparative physiological study between camels and goats during water deprivation. Third Annual Meeting for Animal Production under Arid Conditions, UAE University, Vol 1: 71-87.
26. **M. A. Ayoub**, M. M. Awad and W. Holtz. 1996. Effect of filtration on Boer goat semen quality during cryopreservation. *Egyptian J. of Animal production* 33: 323-330.
27. R.J.T. A. Pereira, **M. Ayoub** and W. Holtz. 1995. Birth of live goat kids after in vitro maturation, fertilization and culture. *Dom. Animal Reprod*. 30:299-300.
28. A.B. Okab, **M.A. Ayoub**, K.I. Kamel, G.A. Hassan and M.H.Salem. 1995. Effect of feed deprivation on some biochemical parameters of Anglo-Nubian and Baladi goats and their crossbred under subtropical conditions. *Egyptian J. of Animal production*. 32:51-61.
29. A.B.Okab, **M. A.Ayoub**, K.I.Kamel, G.A.Hassan and M.H.Salem. 1995. Effect of feed deprivation in Anglo-Nubian and Baladi goats and their crossbred under subtropical conditions. *Indian J. of Animal Science*. 65:903-907.
30. **M.A. Ayoub**, A.B. Okab. 1995. Changes in some serum biochemical constituents of Ossimi ewes before and after lambing. *Egyptian J. of Appl. Sci*. 10:145-157.
31. M.A. El-Alamy, **M.A. Ayoub** and R.M. Khalifa. 1995. Studies on buffalo bull semen. I. Semen evaluation and induction of sperm acrosome reaction in vitro. *Egyptian J. of Appl. Sci*. 10:25-36.
32. M.A. El-Alamy, R.M. Khalifa and **M.A. Ayoub**. 1995. Studies on buffalo bull semen. II. Semen cryopreservation and spermatozoa acrosomal integrity. *Egyptian J. of Appl. Sci*. 10:36-44.
33. **M.A. Ayoub**. 1994. Effect of ram and rabbit seminal plasma on in vitro induction of acrosome reaction of ram spermatozoa. *Zagazig J. Agric. Res*. 21: 1469-1477.
34. W.H. Kishk, **M.A. Ayoub**, R.M. Khalifa, M.A. El-Alamy, M.E. Mady and W. Holtz . 1994. Effect of procaiene addition to incubation medium on rabbit sperm motility and capacitation in vitro. *Egyptian J. of Rabbit Sci.*, 4(1) 161-165.
35. **M. A. Ayoub**, A.M. Attia, A. B. Okab and S.M.M. Ismail. 1994. Effect of Lindane on biological parameters in male and female rats. *Egyptian J. of Appl Sci*. 9:443-463.
36. **M.A. Ayoub** and A. G. Hunter. 1993. Effect of sperm concentration, washing, capacitation media pH and incubation on the acrosomal integrity of bovine ejaculated sperm. *Egyptian-American Conference on Physiology of Animal Production (EARPAP)*: 9-16).
37. **M. A. Ayoub** and A.G. Hunter. 1993. Inhibitory effect of bovine follicular fluid on in vitro maturation of bovine oocytes. *J. Dairy Sci*. 76:95-100.

38. **M. A. Ayoub** and A.G. Hunter. 1993. Parthenogenetic activation of in vitro matured bovine oocytes. *J Dairy Sci.* 76: 421-429.
39. **M. A. Ayoub** and A.G. Hunter. 1991. Effect of sperm washing, sperm concentration and protein source in capacitating media on bovine sperm motility and capacitation. *J dairy Sci.* 74: 262 (Suppl., I, Abst.).
40. N.F. Alfonso, **M. Ayoub**, A.P. Byers and A.G. Hunter. 1990. Effect of bovine seminal plasma on capacitation of bovine sperm. *J Dairy Sci.* 73: 713 (Suppl., I, Abst.).
41. **M. Ayoub** and A.G. Hunter. 1990 Characteristics of a bovine oocyte maturation inhibitor in bovine follicular fluid. *J Animal Sci.* 68: 543 (Suppl., I, Abst).
42. A. Ijaz, A.G Hunter and **M. Ayoub**. 1989. Lysis of oocytes by bovine sperm and seminal plasma. *J Dairy Sci.* 72: 3273-3279.

Published Books

Reproductive Physiology in Mammals. Textbook. 2007. By M.H.Salem, M.A.Ayoub and T.A.Taha. I.S.B.N. 977-393-105-6 (In Arabic, 510 pages).

Committees and Activities at UAE University

- Member in evaluating research proposals submitted by faculty members for graduate fellowships, CFS, UAE university (2002).
- Member in college council, UAE University (2000-2004).
- Member in innovation in teaching committee, CFS, UAE University (1999-2001).
- Member in editorial board of Emirates Journal for Agricultural Sciences, UAE University (2000).
- Member in Academic Affairs committee, CFS, UAE University (2001-2002).
- Member in improving academic performance committee, CFS, UAE University (2002).
- Member in college committee for development of the new curriculum for College of Food Systems, UAE University (2001-2004).
- Member in committee for development of new curriculum goals and expected outcomes, CFS, UAE University.
- Development of department outcome assesement plan, CFS, UAE University.
- Member in Sceintific and Organizing committees for annual conferences on Animal production in arid zones (1998, 1999, 2000, 2001, 2002), CFS, UAE University.
- Chairman of the organizing committee for the International Conference on Reproduction and Production of Camelids, 2001.
- Chairman of the organizing committee for College symposium "Dairy Industry in UAE" 2002.
- Member in scientific and organizing committees for the first international conference in food systems, 2003, UAE University.
- Member in examining committee for M. Sc. Thesis at the environmental sciences program at UAE University, 2002.
- Principal advisor for M. Sc. Thesis "The effect of heat stress on embryonic bone development" at the environmental sciences program at UAE University, 2002.
- External assessor for several research grants offered by the King Abdulaziz City for Science and Technology.
- External assessor for faculty memebers promotion at Saudi Univerisities.