

Prof.Dr. Gamal Eldin Abdel Hakim Mahroos Swielim

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Academic Background

- Ph.D. in Veterinary Anatomy, Faculty of Veterinary Medicine, Cairo University ; March , 1982 (Anatomical studies on the lungs of the goat.)
- M.V.Sc. in Veterinary Anatomy, Faculty of Veterinary Medicine, Cairo University; December, 1979 (The arterial blood supply of the pelvic limb of the equines.)
- B.V.Sc. in Veterinary Anatomy, Faculty of Veterinary Medicine, Cairo University

Professional Experience

- Professor of Anatomy and Embryology, Faculty of Veterinary Medicine, Cairo University (February, 1993 to present)
- Assistant professor of Anatomy and Embryology, Faculty of Veterinary Medicine, Cairo University (December, 1987 to February, 1993)
- Lecturer of Anatomy and Embryology, Faculty of Veterinary Medicine, Cairo University (April, 1982 to December, 1987)
- Assistant lecturer of Anatomy and Embryology, Faculty of Veterinary Medicine, Cairo University (December, 1979 to April, 1982)
- Demonstrator of Anatomy, Faculty of Veterinary Medicine, Cairo University (February, 1976 to December, 1979)

Teaching Experience

1. Department of Anatomy and Embryology, (1976 – 1982)
 - Responsibility for preparation of the fixed animals, organs and other specimens giving for demonstration and graded weekly laboratory reports.
 - Demonstration the different structures and organs of the dissected animals in the laboratory for the students of the first and second years.
2. Department of Anatomy and Embryology, (1982 – to present)
 - Responsibility for lectures and laboratory sessions. Supervision on the preparation of the specimens in the weekly classes and lecturing on selected topics.

- Lecturing the courses of comparative anatomy, applied anatomy and embryology for the post graduated students as well as the additional courses for the students of Diploma, master and Ph.D. (surgery, obstetrics, gynecology, artificial insemination and laboratory animals)
- Lecturing the different methods of mummification, fixation, preservation and preparation of anatomical models for animals, fishes and birds.
- Preparation of notebooks of general anatomy, comparative anatomy, applied anatomy and embryology for under graduate students.

Research Experience

A. Supervision on a number of M.V.Sc. and Ph.D. theses:-

- Some anatomical studies on the genual articulation in the goat. (1985)
- Anatomical studies on the female genital system of rabbit. (1989)
- Seasonal and cyclical changes in the oviduct of the she camel (Camelus dromedarus). (1989)
- Some anatomical studies on the heart and thoracic aorta of the goat with special reference to the pattern of its distribution. (2001)
- Some anatomical studies on the heart of sheep, with special reference to the intrapulmonary distribution of the pulmonary blood vessels. (2002)

B. List of Publications:-

1. Morphological studies on the uterine tube of the one humped she camel with special reference to the ovarian cycle and seasonal effects.
Part I : Anatomical and Histological Observations.
15th Scientific Conference of the Egyptian Anatomical Society, February, (1992).
2. Morphological studies on the uterine tube of the one humped she camel with special reference to the ovarian cycle and seasonal effects.
Part II : Structural changes related to the ovarian cycle and seasonal effects.
15th Scientific Conference of the Egyptian Anatomical Society, February, (1992).

3. Venous sinuses of the dura mater in sheep and goat.
Egypt.J. Anat. Vol.14 (1), 151-162 (1991).
4. Intrapulmonary distribution of the Bronchial artery in sheep.
Egypt. J. Anat. Vol.14 (1), 163- 172 (1991)
5. Infraorbital and Mandibular-alveolar nerve blocking nerve in sheep and goat.
Egypt. J. Anat. Vol. 14 (1), 173-183 (1991).
6. Anatomical investigation of the cerebral dural sinuses in the cat.
Egypt. J. Anat. Vol. 14 (4), 57-65 (1991).
7. Gross anatomy of the blood vessels and bile ducts in the liver of sheep.
New Egypt. J. of Medicine, Vol. 4 (2), 1039-1044 (1990).
8. Cornual nerve blocks in sheep and goat with references to innervation of the horn.
Alex. J. Vet. Sci. Vol. 5 (1) , 703-713 (1989).
9. Some Morphological studies on the Diaphragm in the goat.
Egypt. J. Anat. Vol. 12 (1) 83-94 (1989).
10. Intrahepatic distribution of the portal vein and hepatic vessels in the dog.
Alex. J. Vet. Sci., Vol. 5 No. (2), 33-44 (1989).
11. Anatomical studies on the female genital system of the rabbit.
Part I: Arterial blood supply.
13th Scientific Conf. of the Egypt. Society of Histology and cytology, December (1989).
12. Anatomical studies on the female genital system of the rabbit.
Part II: Venous drainage.
13th Scientific Conf. of the Egypt. Society of Histology and Cytology, December (1989).

13. Some Anatomical studies on the ligaments of the Genual articulation of the goat.
Alex. J. Vet. Sci., Vol. 3 No. (2), 21-34 (1987).
14. Intrapulmonary distribution of the pulmonary vessels in sheep.
Egypt. J. Anat., Vol. 10, (1), 65-76 (1987).
15. Some gross anatomical studies on the innervation of the Genual articulation of the goat.
Vet. Med. J., Vol. 35, No.(1) , 27-35 (1987)
16. Some gross anatomical studies on the arterial blood supply of the Genual articulation of the goat.
Vet. Med. J., Vol. 35, No. (1), 37-42 (1987)
17. Anatomical studies on the renal artery of some domestic animals; the goat.
Alex. J. Vet. Sci., Vol. 2, No.(2), 45-60 (1986).
18. Some gross anatomical studies on the origin, formation and distribution of the brachial plexus of the buffalo in Egypt (Bos Bubalis L.).
Alex. J. Vet. Sci., Vol. 1, No. (1) 45-60 (1986).
19. Intrapulmonary distribution of the bronchial artery of the donkey.
Vet. Med. J., Vol. 29, No. (2), 233-234 (1984)
20. Anatomical studies on the arterial blood supply of the tail in certain domestic animals (buffalo, camel and donkey).
Vet. Med. J., Vol. 29, No. (2), 245-254 (1983).
21. Morphological observation on the internal iliac artery in the ass (Equus asinus).
Vet. Med. J., Vol. 29, No. (2), 155-167 (1980).

• **Printed books:**

1. Atlas Anatomy of the Horse, First edition (1997)
2. Atlas Anatomy of the Sheep (2005)
3. Atlas Anatomy of the Horse, Second edition (2009)