

CURRICULUM VITAE

Name	Adel Kamel Abdel Malek		
Date and Place of Birth	22-12-1949 Sohag, Egypt		
Marital Status	Married and has two children		
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Current Position	Professor Department of Human Anatomy School of Health Sciences University of Nairobi, Kenya		
Degrees	MB.Ch.B	Assiut University	1973
	M.Sc (Anatomy)	Assiut University	1979
	Ph.D (Anatomy)	Assiut University	1982
	M.Med (Pediatrics)	Cairo University	1989



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Appointments

Position	From	To	Employer
Professor of Human Anatomy	8-2001	Present	Nairobi University, Kenya.
Professor of Anatomy	3-1993	8-2001	Assiut University, Egypt.
Visiting Professor	10-1994	11-1995	Ohio State University, Columbus, Ohio, USA.
Associate professor of Anatomy	1-1988	2-1993	Assiut University, Egypt.
Post doctor Research fellow	2-1984	4-1985	Wright State University Dayton, Ohio, USA.
Lecturer of Anatomy	10-1982	12-1987	Assiut University
Instructor of Anatomy	10-1975	10-1982	Assiut University
Intern	3-1974	3-1975	Assiut University Hospital

EXPERIENCE

TEACHING

Teaching Human Anatomy to medical students for 35 years. Teaching comprised dissection and preparation of practical sessions. Laboratory instructions included gross Anatomy, Neuroanatomy and Histology. Teaching includes lecturing courses of clinical Anatomy, Neuroanatomy and Embryology to graduate and postgraduate medical students.

Experience in Problem Based Learning has been achieved by practicing both the European style (trained in the University of Limburg, Maastricht, Netherlands (1991 and 1996) and the American style (worked as a tutor for Med.II at college of Medicine, Ohio State University (1994 & 1995).

RESEARCH

Topics of interest through theses, projects and supervised research activities include:

1. Growth and growth retardation of children

Growth of children is assessed through the use of techniques of body measurements (Anthropometry), skeletal age and Dental age. Body measurements are conducted following standardized anatomical landmarks. Anthropometry entails measurements of body weight, height, breadths, body proportions, body circumferences and skinfold thickness. Skeletal age is estimated from hand-wrist X-ray films using scoring method and atlas matching method. Dental age is appraised using dental eruptions and dental graded calcification as appearing in dental X-ray film. Research work has been conducted to monitor growth of diseased children in comparison with normal children.

2. Body composition

Research in assessing body fat and fat free mass has been performed using non invasive techniques to predict body fat in both sexes in the different ages. This research work investigates dynamics of subcutaneous fat and its redistribution. Training on this kind of research was part of a fellowship program in the Department of Human Biology at the Wright State University, Dayton, Ohio, USA (1983-1984). Research has been continued through communications and visits thereafter, and resulted in several publications.

3. Ageing changes

aging have been an increasing topic of research interest. In particular, the reproductive and nervous systems are of special interest. Studies of aging changes comprised histological techniques, immunohistochemistry and CAT scanning. Cross sectional scans of the human brain of different ages have been investigated to analyze changes in some dimensions declaring the size of the gray mater and brain ventricles. Changes of the structure of the goat aorta (representative of mammals) has been conducted to investigate pattern of ageing in the three layers of the aorta (project of the University of Nairobi).

4. DNA pattern

In collaboration with Munich University, project of studying DNA pattern of Egyptians and Nubians has been conducted in order to trace migration along the River Nile.

5. Experimental Histology and Embryology

Research has been conducted to study the effects of some agents or deprivations on histogenesis or embryogenesis of some tissues and organs.

FELLOWSHIPS AND VISITS ABROAD

USA. February 1983-April 1984

One year post doctor program was spent at the division of Human Biology, Wright State University, Dayton, Ohio. Research work focused on assessment of growth of children and body composition.

Netherland June 1991

Attended 3 weeks workshop on problem based Learning. This workshop was supported by the WHO. Training on the different aspects of problem based and community oriented learning took place in the Faculty of Medicine, Limburg University, Maastricht, Netherland.

France July 1991

Co-supervision of Ph.D thesis in collaboration with professor Yvette Lenne, Anatomy and Pathology Department, Nantes Faculty of Medicine, Nantes, France. The thesis dealt with immunohistochemical aspects of the developing retina of albino rat.

Germany January 1993

Revising conjoint work with Professor Svante Paabo, professor of molecular biology institute of zoology, took place at Munich University. The project studied DNA pattern of Egyptians, Nubians and Sudanese.

USA September 1994- November 1995

Visiting professor involved in teaching activities in the department of Cell biology, Neurobiology and Anatomy, College of Medicine, Ohio State University, Columbus, Ohio, USA.

Netherlands June 1996

Attended workshop on recent problem based methods in medical education and examination, Limburg University, Maastricht, Netherlands.

France July 2000

Attended the 10th International conference on Plastination held in the faculty of Medicine, Saint óEttine, France. Paper has been presented in the meeting.

England January 2007

Anatomical society of Great Britain and Ireland, Oxford, Great Britain.

MEMBERSHIPS AND ACADEMIC APPOINTMENTS

Member of:

1. Egyptian Medical Syndicate.
2. Egyptian Anatomical Association.
3. Egyptian Society of Physical Anthropology.
4. International Society for Neurochemistry.
5. International Society for Plastination.
6. Member of the committee of Medical Ethics, Assiut University.
7. Member of the committee of innovation of the Medical Curriculum(Assiut University).
8. Member of the postgraduate committee faculty of Medicine, University of Nairobi Kenya (2001-Present)
9. Referee for promotion of staff members of:
 - Egyptian Anatomical committee.
 - El Mosoul University, Iraq.
 - Mcreree University, Uganda.
 - University of Nairobi, Kenya
10. Director of the centre of medical education, Assiut faculty of Medicine (1995-2000)
11. External examiner for undergraduates and postgraduates: Cairo University, Alexandria University, Ein Shams University, Tanta University, South Valley University.
12. Member of curriculum committee of the faculty of Medicine , University of Nairobi Kenya (2001-Present)
13. Editor Anatomy Journal of Africa.

AUTHORSHIP OF BOOKS

1. Neuroanatomy, Internal Structures and Connections 1998.
2. Clinically Oriented Anatomy of Human Pelvis and Perineum, 1997 & 1999.
3. Anatomy of the Head and Neck, part I, 1992.
4. Special Embryology, 1991.
5. Clinically Oriented anatomy of Thorax, 1988 &2000.
6. Anatomy of the lower Limb, 1997.
7. General Embryology, 2000.

ATIONS

1. Ph.D Thesis (Anatomy), 1982. "Anthropometric, dental and skeletal study of Assiut children with practical application on some diseases" **Assiut University, Egypt.**
2. M.S. Thesis (Pediatrics), 1989 "Childhood Obesity" **Cairo University, Egypt.**
3. Abdel Malek AK, Mukherjee D, Roche AF.1985. A method of constructing an index of obesity. *Hum Biol 57(3):415-430.USA.*
4. Roche AF, Abdel Malek AK, Mukherjee D.1985. New approaches to the clinical assessment of the adipose tissue. *6th Rose Conf Med research. Ross Lab, Columbus, OH, USA.pp:14-19*
5. Matta WM, Saleh MM, Shamikh R, Ali SS, Abdel Malek AK.1986. The influence of deprivation of light on the brain. *Intern Conf Anatomy Society W Africa.Nigeria, Nov.1986.*
6. Abdel Malek AK.1987.Skeletal maturation of boys with Down syndrome.*5th Ann Conf Fac Med Assiut Univ.Egypt.*
7. Nadia Salem, Saliwa Saleem, Adel K AbdelMalek.1988. Circulating serum estrogens in postmenopausal women in relation to age and fat indices. *New Egypt J Med 2 (3): 707-715.*
8. M.M.Kamel, M.A.Desouky, A.K.Abdelmalek, M.G.Ahmed, AbdelHamid, M. 1989. Anthropometric characteristics of upper Egyptian newborns in comparison with other countries. *Egypt J Anatomy.12(4):81-89.*
9. M.M.Kamel, Adel K. Abdel Malek, M.A. Desouky et al.1989. Intercorrelations of the anthropometric measurements of the new born infants in Upper Egypt. *Egypt J Anatomy.12 (4):71-79.*
10. Tohamy SA, Hassan FZ, Abdelmalek AK, Abdelbaky A.1990. Dermatoglyphic features of the mentally retarded children. *New Egypt J Med 4(1):241-244.*
11. Abdel Malek AK, Ahmed AM et al.1990. Prediction of stature from hand measurements.*Forensic Sc Internat.64:181-187. Ireland.*
12. Kamel MM, Abdel Malek AK, Desouky MA, et al.1990. Body profile of some Egyptian athletics. *New Egypt J Med.4 (2):1101-1106.*

- Hassan FZ, Abdelbaky A.1990. Anthropometric characteristics of the mentally retarded children. *New Egypt J Med.4 (1):241-244.*
14. Kamel MM, Desouky M, Abdelmalek AK, et al.1990. Does exercise change the body physique and composition? *New Egypt J Med 4(2):1107-1120.*
 15. Elsharkawi S, Abdel Malek AK et al.1991. Morphological features of foot impressions of upper Egyptians. *Proc 9th Ann Conf Fac Med.Assiut Univ pg 41-75.*
 16. Hassan FZ, Saleh MN, Abdel Malek MK, Lenne Y, Elbadry M.1992. Retinal epithelium and its relations to the photoreceptors. *Conf Egypt Soc Basic Med Sc. Jan 2, 1992.Cairo.*
 17. Hassan FZ, Saleh MN, AbdelMalek AK, Lenne Y, Elbadry M.1992. Histogenesis of the albino rat retina. *Proceedings of the anatomical society of Egypt.*
 18. Hosseney K, Abdelmegid R, Abdelmalek AK.1992. Effect of indomethacin on some parynchymantos organs in rats. *Assiut Med J.16 (4):1-8.*
 19. Lenne Y, Hassan FZ, Saleh MN, Abdel Malek AK, Elbadry M.1992. Immunohistochemical study of glial and neuronal markers in the retina of albino rat. *Conf Egypt Anat Soc.Feb 27, 1992.Cairo.*
 20. Saleh MN, Abdel Malek AK,Galal AT, Mahamoud FY.1992.Effect of hypothyroidism on postnatal development of mouse thalamus. *10th Ann Conf Fac Med Assiut Univ. April 1992.*
 21. Abdel Malek AK, Saleh MN, Aly YA, Ahmed MG, Tohamy A.1995. Brain changes with age on computed tomography. *Age and Nutrition.6 (2):93-98-France.*
 22. Abdel Malek AK.1995.Underfed developing Purkinje cell. *Age and Nutrition.6 (2):73-78-France.*
 23. Mathias K, Abdel Halim S, Karin B, Helga G, Abdel K Malek et al.1999. mtDNA analysis of Nile River valley populations: A genetic corridor or barrier to migration? *Am J Hum Genet.64:1166-1176.U.S.A.*

san S, Abdel Aziz H.2000.Toxicity of plasticizers on
10th Internat Conf Plastin.Saint Ettinne, July2-7,
2000.France.

25. **A.K.A. Malek and J. Ogeng'o.2007** Regional differences in the tunica media of the aorta of the goat (*Capra ibex*). ***Proceedings of the Anatomical Society of Great Britain and Ireland. January 2007.***
26. A.N Pulei, J.A Ogeng'o, P.O. Odula and A.K. Abdel Malek. 2007. Sexual dimorphism of ageing changes in the human abdominal linea alba. ***Proceedings of anatomical society of Great Britain and Ireland. January 2007.***
27. Ogeng'o JA, Malek AAK, Kiama SG and Olabu B.O. 2009. Muscle islands in the tunica media of the goat thoracic aorta. ***Braz J.Morphol.Sci, 2009, vol.26.n0.3-4, p.171-175.***
28. Muthoka JM, Hassanali J, Mandela P, Ogengo JA, Malek AK, 2010. Position and blood supply of the carotid body in a Kenyan population. ***Int.J.Morphol.29(1):65-68.***
29. Ogeng'o J, Abdel malek A, Kiama S.2010. Interlinkages in the tunica media of goat aorta. ***Int.J.Morphol.28(2):409-414.***
30. J.A.Ogeng'o,A.A.Malek,S.G.Kiama.2010.Structuralorganization of tunica intima in the aorta of goat. ***Folia Morphol.69(3):164-169.***
31. Ogeng'o AJ,Malek AKA, Kiama SG.Distribution of ageing changes of the goat aortic tunica media.2011. ***J.Morphol.Sci.28(1):23-27.***
32. Ogeng'o JA,Malek A, Kiama SG.2011. Pattern ofadrenergic innervation of aorta in goat (*Capra Hircus*).2011. ***J.Morphol.Sci.28(2):81-83.***

THESE SUPERVISED BY PROFESSOR ADEL K. ABDELMALEK

SERIAL	TITLE	CANDIDATE	DEGREE	SPECIALTY	INSTITUTION	YEAR AWARDED DEGREE
1.	Structure and adrenergic innervations of aorta in the goat <i>Capra Hircus</i>	J.A Ogen \varnothing	Ph.D	Anatomy	University of Nairobi, Kenya	2008
2.	Teratogenic effects of Di-N-Butyl phthaline on skeletal development of albino rat	Hoda Mohammed	Ph.D	Anatomy	Assiut University Egypt	2000
3.	Growth study of normal and thalassemic children in Assiut province	Hala Zarif	Ph.D	Anatomy	Assiut University Egypt	2000
4.	A new method of age estimation from adult teeth	Sohir Soliman	M.S	Forensic Medicine	South Valley University Egypt	1996
5.	The effect of surgain on the postnatal development of the articular cartilage of the knee joint of albino rat	Ashraf Abdel Hakim	M.S	Anatomy	Assiut University, Egypt	1994
6.	A study on the prehatching development of the pineal gland in chicken	Dorreia Mohamed	M.S	Anatomy	Assiut University, Egypt	1994
7.	Changes with age in the Anatomy of the human brain A study with computerized tomography	Adel Tohamy	M.S	Anatomy	Assiut University, Egypt	1992
8.	Effects of Hypothyroidism on the postnatal development of the thalamus of mouse	Faten Youssif	M.S	Anatomy	Assiut University, Egypt	1992
9.	Developmental Anatomy of the eyeball of the albino rat exemplified by ultra structure and immunohistochemistry of	M.Elbadry	Ph.D	Anatomy	Saint Etine University, France	1991

10.	Skeletal age of Minia children from 6-12 years	Kamel Mahmoud	M.S	Anatomy	Minia University, Egypt	1991
11.	Non invasive ventricular assessment of left performance by the thoracic electrical bioImpedance in simple obese hypersensitive patients	M. Emad	M.S	Internal Medicine	Minia University	1991
12.	Study of the body profile of athletics	Alsyed A. Mohram	Ph.D	Anatomy	Minia University Egypt	1990
13.	Dermatoglyphic features and anthropometric study in mentally retarded patients	Abdel Raouf Omar	M.S	Neuropsychiatry	Minia University Egypt	1988
14.	Study of the newborn infants in Egypt	M.Mahmoud	M.S	Anatomy	Minia University, Egypt	1988



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