



Khulood Mohammed Khalid Al-Khater

Assistant Professor

Personal Data

Nationality | Saudi National I.D. 1047740301

Date of Birth | 21/11/1971

Department | Anatomy

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Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2009	PhD	University of Glasgow-UK	UNITED KINGDOM
2005	MSc	King Faisal University-SA	KINGDOM OF SAUDI ARABIA
1997	MBBS	King Faisal University-SA	KINGDOM OF SAUDI ARABIA

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD.	Spinothalamic Tract Neurons in Laminae I, III and IV of the Rat: A Retrograde Neuronal Tracing Study
Master	Effects of C8 ventral root avulsion or transection on spinal alpha motoneurons in adult rats: a qualitative light and electron microscopic study

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant professor	Anatomy	University of Dammam Kingdom of Saudi Arabia	2010 to Date
Lecturer	Anatomy	University of Dammam Kingdom of Saudi Arabia	2009 - 2010
Demonstrator	Anatomy	University of Dammam Kingdom of Saudi Arabia	1998 - 2009
Medical intern		King Fahad hospital of the university Al-Khobar/Saudi Arabia	1998 - 2009



Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Al-Khater KM, Todd AJ	Collateral projections of neurons in laminae I, III, and IV of rat spinal cord to thalamus, periaqueductal gray matter, and lateral parabrachial area.	J Comp Neurol. 2009 Aug 20; 515(6):629-46.
2	Al-Khater KM, Kerr R, Todd AJ.	A quantitative study of spinothalamic neurons in laminae I, III, and IV in lumbar and cervical segments of the rat spinal cord.	J Comp Neurol. 2008 Nov 1; 511(1):1-18.
3	Polgár E, Al-Khater KM, Shehab S, Watanabe M, Todd AJ	Large projection neurons in lamina I of the rat spinal cord that lack the neurokinin 1 receptor are densely innervated by VGLUT2-containing axons and possess GluR4-containing AMPA receptors.	J Neurosci. 2008 Dec 3; 28(49):13150-60.
4	Polgár E, Thomson S, Maxwell DJ, Al-Khater K, Todd AJ	A population of large neurons in laminae III and IV of the rat spinal cord that have long dorsal dendrites and lack the neurokinin 1 receptor.	Eur J Neurosci. 2007 Sep;26(6):1587-98

Current Researches

#	Research Title	Name of Investigator(s)
1	Molecular signaling and morphological changes in myocardial hypertrophy induced by exercise training and long term administration of Nigella sativa	Dr Khulood Al-Khater and Dr Lubna Al-Asoom

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	On the Pathway for quality assured research	University of Dammam 8 March 2015	Attendance
2	Essential skills of health professions education (Teaching & Training)	University of Dammam 15-17 Dec 2014	Attendance
3	Teaching for creativity and innovation	University of Dammam 17 & 18 Nov 2014	Attendance



#	Conference Title	Place and Date of the Conference	Extent of Contribution
4	Enhance learning through the use of Technology	University of Dammam 30 Jan 2014	Attendance
5	عرض تجارب للفائزين بجائزة جامعة الدمام للتميز في التدريس	University of Dammam 29 Jan 2014	Attendance
6	أساليب فعالة في تقويم الطلاب	University of Dammam 28 Jan 2014	Attendance
7	قيادة المناقشة لتنمية مهارات التفكير العليا	University of Dammam 27 Jan 2014	Attendance
8	الملتقى الثالث للقيادات في الجامعات السعودية	الرياض 1434/5/2-1 هـ	Attendance
9	Assessment strategies in higher education workshop	University of Dammam 10-12 April 2012	Attendance
10	Third meeting of Saudi leaders in Saudi universities	Riyadh 13-14 April 2013	Attendance
11	Spotlights on curriculum development	Site I (auditorium) King Fahad Hospital-ALKhobar 11 Oct 2011	Attendance
12	The 21 st meeting of British Neuroscience Association	Harrogate (UK) 17-20 April 2011	Attendance
13	Symposium on e-learning	28-31 May 2011	Attendance
14	Workshop on Lecture hands-on tools	Site I (auditorium) King Fahad Hospital-ALKhobar 10 Jan 2011	Attendance
15	Workshop on teaching for better education	Site I (auditorium) King Fahad Hospital-ALKhobar 18 & 19 Dec 2010	Attendance
16	Elements in academic accreditation & the future of higher education	University of Dammam 12 th May 2010	Attendance
17	Women's Health Symposium	University of Dammam April 2010	Attendance
18	12 th IASP international conference on the study of pain	Glasgow-UK 17-22 August 2008	Poster presentation
19	Second Saudi international innovation conference	Leeds-UK 9-10 June 2008	Poster presentation
20	Scottish Neuroscience Association meeting	Glasgow-UK 1-2 March 2008	Poster presentation



#	Conference Title	Place and Date of the Conference	Extent of Contribution
21	Integrative Mammalian Sciences meeting	Glasgow-UK May 2008	Poster presentation
22	First Saudi innovation conference	Newcastle-UK 11-12 May 2007	Lecture presentation
23	British Neuroscience Association conference	Harrogate-UK April 2007	Attendance
24	Symposium on administrative management in female sections	Dammam 7-8 March 2006	Attendance
25	Science & Technology symposium	Jeddah 15-16 March 2005	Attendance
26	Medical education in Gulf Universities	Al-Khobar 15-16 Nov 2000	Attendance

Membership of Scientific and Professional Societies and Organizations

- Member, British Neuroscience Association, Uk. 2006-2009.
- Member, International Association for the study of Pain-United states, USA, 2006-2010.

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	NEUROANATOMY/MEDICAL STUDENTS	MDAP 333	LECTURES AND LABS
2	GROSS ANATOMY/MEDICAL STUDENTS	MED-201	LECTURES
3	GROSS ANATOMY/STUDENTS OF COLLEGE OF APPLIED MEDICAL SCIENCES	ANAT 215 NUTR 211	LECTURES

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (No. of lectures/Tutorials. Or labs, Clinics)
1	Advanced Anatomy course for Forensic medicine students		lectures

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	SECOND YEAR MEDICAL STUDENTS	125	Sep 2014	May 2015



**Administrative Responsibilities, Committee and Community Service
(Beginning with the most recent)**

Administrative Responsibilities

#	From	To	Position	Organization
1	2012	2014	Vice Dean, of preparatory year for students' affair	University of Dammam
2	2013	2014	Supervisor of female section of Counseling center	University of Dammam
3	2009	Present time	Coordinator of the Anatomy Department in the Female section	University of Dammam

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Processing of tissue sections for light microscopic examination
2	Processing of tissue sections for electron microscopic examination
3	Processing of tissue sections for immunohistochemical examination
4	Intracardiac perfusion of fixative solution in rats
5	Surgical skills in nerve injury and intracerebral injection of tracer substances
6	Dissection of spinal cord and brain in rats
7	Dissection of Human Cadavers
8	Computer Skills (windows, office, academic internet search)
9	Using Reference Manager in research
10	Presentation skills
11	Using MiniTap software in research
12	Handling of experimental animals
13	Biostatistics in medical research

Last Update

31/03 /2015 G.