

Kingdom of Saudi Arabia

Ministry of Education

King Faisal University

Curriculum Vitae

Khalid Ahmad Sager Al-Busadah

Department : Physiology, Biochemistry and Pharmacology

College : Veterinary Medicine & Animal Resources

ID No. : 880059

ID No. : 100787 (The new one)

(A) Personal Information

1

Personal Information

Name	Khalid Ahmad Sager Al-Busadah
Nationality	Saudi
Date and place of birth	28-11-1962 (01/07/1382 H) – Al Ahsa
Marital status	Married and father to 7 children

2

Credentials

Degree	Source	Address	Date
Ph. D	Sheffield University	Sheffield, UK	1998
BVM & AR	King Faisal University	Al-Ahsa, Saudi Arabia	1988

3	Ph. D Title	Endocrine and Haematological Responses of Camel (<i>Camelus dromedarius</i>) to Dehydration.
Major Field	Physiology	
Minor	Comparative Physiology, Endocrinology	

4	Employment History
----------	---------------------------

No.	Title	Name of Employer	Date
1	Dean of Student Affairs	King Faisal University	1433-1437
2	Director of Camel Research Center	King Faisal University	1433-1434
3	Assistant for General Supervisor for Knowledge Exchange and Cooperation Administration (KECA)	King Faisal University	1430-1434
4	Director of Cultural Bureau	King Faisal University	1430-1434
5	Professor	King Faisal University	1428
6	Vice Dean for Post-	College of Veterinary	2002-2007

	Graduate Studies & Scientific Research	Medicine and Animal Resources (C.V.M & A.R.) – K.F.U King Faisal University	
7	Director of Camel Research Center	King Faisal University	2002 – 2007
8	Head of Department of Physiology Biochemistry and Pharmacology	Physiology, Biochemistry and Pharmacology, (C.V.M & A.R.) – K.F.U	2000 – 2006
9	Associate Professor	(C.V.M & A.R.) – K.F.U	26/10/1423 – 1428 29/1/2003-2008
10	Assistant professor	(C.V.M & A.R.) – K.F.U	1998-2002
11	Post-Graduate Student	(C.V.M & A.R.) – K.F.U	1990 – 1998
12	Teaching assistant	(C.V.M & A.R.) – K.F.U	1988 - 1990

5	Linguistic Skills	
	Arabic	Mother tongue
	English	Fluent in speaking and writing

(B) Scientific Publication

1

Papers Published in Referred Journals

No.	Author (s)	Research Title	Journal and Date
1	Turke Shawaf, Jamal Hussen ,Mohammed Al-Zoubi , Hassein Hamaash ,Khalid Al-Busadah	Impact of season, age and gender on some clinical, haematological and serum parameters in Shetland ponies in east province, Saudi Arabia	International Journal of Veterinary Science and Medicine 6 61–64. 2018
2	K. A. Al-Busadah , Sabry M. El-Bahr and A. I. Khalafallah	Serum biochemical profile and molecular detection of pathogens in semen of infertile male dromedary camels (Camelus dromedaries).	Animal Reproduction Science 180 (May): 58-65 2017
3	A. Zakaria, A. E. Bayad, S. M. Abdel-Raheem, K.A. Al-Busadah , I. F. Albokhadim, M. H. Al-Nazawi and A.Y. Al-Taher	Effect of inhibition of estrogen synthesis for blocking its receptors on male rabbit reproduction.	Indian Journal of Pharmaceutical and biological Research 5 (91): 34-41. 2017
4	A. Zakaria, A. E. Bayad, S. M. Abdel-Raheem, M.F. Ali, K.A. Al-Busadah , I. F. Albokhadim, M. H. Al-Nazawi and A.Y. Al-Taher	Date extract prevent hypogonadism in rat suffering from liver damage induced by carbon tetrachloride.	International Journal of Pharmacology 13 (8): 934-945 2017
5	A.D. Zakaria, S. M. Abdel-Raheem, K.A. Al-Busadah , and M. H. Al-Nazawi	The effect of aqueous extract od banana peel on sexual behavior in male rats.	International Journal of Advance Research and Innovative Ideas in Education 3 (1): 1303-1310 2017
6	B. Adamczyk, S. Albrecht, H. Stöckmann, I. M. Ghoneim, M. Al-Ekna, K. A. Al-Busadah , N. G. Karlsson, S. D. Carrington, and P.	Pregnancy-Associated Changes of IgG and Serum N-Glycosylation in Camel (Camelus dromedarius	Journal of Proteome Research, 15 (9): 3255–3265 2016

	M. Rudd		
7	A. I. Khalafallah, K. A. Al-Busadah and I. M. El-Sabagh	Multiplex PCR for rapid diagnosis and differentiation of pox and pox-like diseases in dromedary camels.	Virology Journal 12:102 1-11 2016
8	A. Zakaria, A. E. Bayad, S. M. Abdel-Raheem, K.A. Al-Busadah and I. F. Albokhadim.	Camel's milk improves the semen characteristics in immobilization stressed rats.	Asian Journal of Animal Sciences 10 (2)139-146 2016
9	I. B. Ismael, K.A. Al-Busadah and S.M.El-Bahr.	Biochemical markers of oxidative stress in tissues of broiler chickens fed zinc bacitracin and ascorbic acid under hot climate.	International Journal of Biological Chemistry 9 (1): 38-45 2015
10	A. I. Khalafallah, I. M. El-Sabagh , K. A. Al-Busadah, A. I. Al-Mubarak and Y. H. Ali	Phylogenetic analysis of eight Sudanese camel contagious ecthyma viruses based on B2L gene sequence.	Virology Journal 12 :124 2015
11	M. B. Al-Zghoul, A. S. Dalab, I. E. Yahya, T. A. Althnaian, S. Y. Al-ramadan, A. M. Ali, I. F. Albokhadaim, S. M. El-Bahr, K. A. Al Busadah , K. M. Hannon	Thermal manipulation during broiler chicken embryogenesis: Effect on mRNA expressions of Hsp108, Hsp70, Hsp47 and Hsf-3 during subsequent post-hatch thermal challenge	Research in Veterinary Science; 103 (December) :211–217 2015
12	A. I. Khalafalla, X. Lu, A. I. Al-Mubarak, A. S. Dalab, K. A. Al-Busadah , and D. Dean.	MERS-CoV in Upper Respiratory Tract and Lungs of Dromedary Camels, Saudi Arabia, 2013–2014.	Emerging Infectious Diseases 21 (7): 1153–1158 2015
13	M. B. Al-Zghoul. Z. B. Ismail, A. S. Dalab, A. Al-Ramadan, T. A. Althnaian, S. Y. Al-ramadan A. M. Ali, I F. Albokhadaim, K. A. Al Busadah , A. Eljarahb, K. I. Jawasreh, K. M. Hannone	Hsp90, Hsp60 and HSF-1 genes expression in muscle, heart and brain of thermally manipulated broiler chicken.	Research in Veterinary Science; 99 (April): 105-111 2015
14	I. M. Ghoneim, M.M.Waheed, A.N.Al-hofofi, M.M.Fayez, M.M.Al-EknaH, K.A.Al-Busadah	Evaluation of the microbial quality of fresh ejaculates of camel (Camelus dromedarius) semen.	Animal Reproduction Science 149 (3–4) : 218-223

	and N.A.Al-humame.		2014
15	S Albrecht , J. A. Lane , K. Mariño, K. A. Al Busadah.	A comparative study of free oligosaccharides in the milk of domestic animals.	British Journal of Nutrition ; 111 (7): 1313-1328 2014
16	I. B. Ismael, K.A. Al-Busadah and S.M.El-Bahr.	Oxidative stress biomarkers and biochemical profile in broilers chicken fed zinc bacitracin and ascorbic acid under hot climate.	International Journal of Biological Chemistry 2 (3): 202-214 2013
17	I. B. Ismael, K.A. Al-Busadah and S.M.El-Bahr.	Effect of dietary supplementation of canola oil on egg production, quality and biochemistry of egg yolk and plasma of laying hen.	International Journal of Biological Chemistry 7 (1): 27-37 2013
18	M.-B.-Al- Zhgoul, A. S.Dalab, M. M. Ababneh, K. I. Jawasreh, K. A. Al Busadah and Z B. Ismail	Thermal manipulation during chicken embryogenesis results in enhanced Hsp70 gene expression and the acquisition of thermotolerance.	Research in Veterinary Science : 95 (2): 502-507 2013
19	B. Adamczyk, S. Albrecht, H. Stoeckmann, K. Al-Busadah , S. Carrington and P. Rudd	The N-glycome of dromedary camel serum and IgG.	GLYCOBIOLOGY 23 (11): 1398-1398 2013
20	A.M. Homeida, M. M. Al-EknaH, M. M. Alfattah, M.A. Al-Khalifah, K. A. Bo Rsais and K. A. Al Busadah	Occurrence of Organochlorine Compounds in Follicular Fluid and Their Effect on Steroid Hormones in Follicles of Camels.	Journal of Environmental Science and Technology 5 (2): 137-141 2012
21	P. Ghosh, C. Hsu, E. J. Alyamani, M. M. Shehata, M. A. Al-Dubaib, A. Al-Naeem, M. Hashad, O. M. Mahmoud, K. B. J. Alharbi, K. Al-Busadah , A. M. Al-Swailem , A.	Genome-Wide Analysis of the Emerging Infection with Mycobacterium avium Subspecies paratuberculosis in the Arabian Camels (Camelus dromedarius).	PloS one 7 (2): 1-11 (e31947). 2012

	M. Talaat.		
21	Abdulaziz M. Al-Swailem, <u>K.A. Al-Busadah</u> Maher M. Shehata, and Ejaz Askari	The role of parentage studies in Arabian and Bactrian camel's pedigree verification	Journal of Food, Agriculture and Environment- JFAE 2008
22	Ismael ST AAI-EknaH MM <u>Al-Busadah, K.A</u>	Hormonal changes during a GnRH priming regimen for superovulation in the camel (<i>Camelus dromedarius</i>)	Scientific Journal – of King Faisal University (2008).
23	<u>Al-Busadah, K.A</u>	Effects of feeding urea on milk composition in lactating goats	Scientific Journal – of King Faisal University (accepted). 2007
24	Abdulaziz M. Al-Swailem, <u>K.A. Al-Busadah</u> Maher M. Shehata, Ibrahim O. Al-Anazi Ejaz Askari	Classification of Saudi Arabian camel (<i>Camelus dromedarius</i>) subtypes bases on RAPD technique	Journal of Food, Agriculture and Environment- JFAE Vol. 5 (1): 143-148, 2007
25	<u>K.A. Al-Busadah</u>	Efficacy of feeding bovine and caprine colostrums to neonatal camel	Journal of Animal and Veterinary Advances Vol. 6 (1): 5-7, 2007
26	<u>K.A. Al-Busadah</u>	Some biochemical and	Scientific Journal

		haematological indices in different breeds of camels in Saudi Arabia	of King Faisal University. Vol. 8 (1): 131-142, 1428 (2007)
27	<u>Al-Busadah, K.A</u>	Coagulation variables in camel neonates and their dams	Scientific Journal – of King Faisal University Vol. 8 (2): 1-7, 1428 (2007)
28	<u>K.A. Al-Busadah</u>	Sustained luteal function following treatment with bovine somatotropin in pregnant camels	Journal of Animal and Veterinary Advancec Vol. 5 (12) : 1233-1235, 2006
29	<u>K.A. Al-Busadah</u> A.M. Homeida	Some physical variables, biochemical and haematological parameters in Hassawi Ass	Scientific Journal of King Faisal University. Vol. 6 (1): 145-152, 1426 (2005)
30	<u>Al-Busadah, K.A.</u>	Effect of breed on haemogram of adult dromedary camels in Saudi Arabia	Journal of Camel Practice and Research. Vol. 11 (2): 115-118, 2004

31	<u>Al-Busadah, K.A.</u> Homeida, A.M.	Pharmacokinetics of progesterone in dromedary camels (<i>Camelus dromedarius</i>)	Research in Veterinary Science 77: 245-247, 2004
32	<u>Al-Busadah, K.A.</u>	Some aspects of calcium and magnesium metabolism in camel calves.	Journal of Camel Practice and Research. Vol. 10 (2): 111-114, 2003
33	Osman, T.E.A. and <u>Al-Busadah, K.A.</u>	Normal concentrations of twenty serum biochemical parameters of she-camels, cows and ewes in Saudi Arabia	Pakistan Journal of Biological Sciences 6 (14) : 1253-1256, 2003
34	<u>Al-Busadah, K.A.</u>	Trace-elements status in camels, cattle and sheep in Saudi Arabia.	Pakistan Journal of Biological Sciences 6 (21) : 1856-1859, 2003
35	<u>Al-Busadah, K.A.</u>	Serum copper level of native Saudi goats in relation to age and breed	Alex. J. Vet. Science. Vol. 19 (1): 55-61, 2003

2

Papers Published Before promotion to associate professor position

No.	Author (s)	Research Title	Journal and Date
36	<u>Al-Busadah, K.A</u>	The effects of induced hypothyroidism on fertility of goats during summer season.	Scientific Journal of King Faisal University Vol. 5(1): 125-130, 2004 Accepted(2002) Published(2004)
37	<u>Al-Busadah, K.A</u>	Effects of Xylazine followed by yohimbine on some biochemical parameters in the camel (<i>Camelus dromedarius</i>)	Pakistan Journal of Biological Sciences 5(3) : 352-354, 2002
38	<u>Al-Busadah, K.A</u> And Osman, T.E.A	Failure of yohimbine to reverse the haematological changes associated with xylazine anaesthesia in the camel (<i>Camelus dromedarius</i>)	Journal of Camel Practice and Research Vol. 8 (1) 43-46, 2001
39	Osman, T.E.A and <u>Al-Busadah, K.A</u>	Effects of a-adrenoreceptor antagonists on	Scientific Journal of King Faisal University Vol.

		adrenaline-induced rumination in the goat (<i>Capra Jorcis</i>).	2(1): 89-96, 1421 (2001)
40	<u>Al-Busadah, K.A</u> And Osman, T.E.A	Haematological parameters of adult dry, lactating and camel calves in Saudi Arabia.	Pakistan Journal of Biological Sciences 3(10) : 1749 – 1751, (2001)
41	M.M. Al-Eknah A.M. Homeida R.O. Ramadan F.A. Al-Modhi <u>K.A. Al-Busadah</u>	Pregnancy dependence on ovarian progesterone in the camel (<i>Camelus dromedarius</i>)	Emir. J. Agric. Sci. 2001. (13) : 27-32
42	Osman, T.E.A and <u>Al-Busadah, K.A</u>	Role of a-adrenoreceptors in the regulation of forestomach motility in the goat.	Pakistan Journal of Biological Sciences 3(1) : 65:68, (2000)
43	Osman, T.E.A and <u>Al-Busadah, K.A</u>	Effects of age and lactating on some biochemical constituents of camel blood in Saudi Arabia	Journal of Camel Practice and Research Vol. 7 (2) : 149-152 (2000)
44	Osman, T.E.A and <u>Al-Busadah, K.A</u> Englhardt, W.V. and Lechner-Doll, M.	Effects of <i>ad libitum</i> and restricted feeding on the circadian patterns of forestomach motility and rumination in camel	Journal of Camel Practice and Research Vol. 6(1) : 97-100, (1999)

		(<i>Camelus dromedarius</i>)	
45	Salem, H.A.H., <u>Al-Busadah, K.A</u> Hussein, Y.A and Amer, H.A.	Effects of supracid and sharkesuper administration on thyroid, gonadotrophic and sex hormones in rabbits.	Pakistan Veterinary Journal 19(4) : 188-191,(1999)
46	Aptel, H., <u>Al-Busadah, K.A</u> Deacon.C.F and Henderson, I.W	Renal Actions of c-ANP infusion in Milan hypertensive and its control the Milan normotensive rats.	Journal of Endocrinology 139, suppl, p38, 1993
47	Taher, E.M., Galil, A.K.A, Ali, A.K.A, Al-Eknah, M.M. Sadd AMA, and <u>Al-Busadah, K.A.</u>	Puberty and fertility of the one-humped male camel (<i>Camelus dromedarius</i>). Prepubertal development of the testicular interstitial endocrine cells of leyding.	Egypt Journal of Histology 14 (1) : 225-269, 1991

3	Abstracts Presented at (Non-refereed) Conference and Symposia
----------	----------------------------------------------------------------------

1	Khabeir AA, _____ <u>Al-Busadah, K.A</u> and Gaili	Effects of including black seed (<i>Nigella Sativa</i>) in	The 20 th meeting of Saudi biological
---	-----------------------------------------------------------	--------------------------------------------------------------	--------------------------------------------------

	ESE	Broiler' diets on performance and some serum parameters.	society (20). April 2000, al-Ahsa P86
2	Mostafa M and <u>Al-Busadah, KA</u>	Effects of Mercuric chloride on Haematological parameters and reproductive organs of Tilapia.	The 20 th meeting of Saudi biological society (20). April 2000, al-Ahsa P147

4

Accomplished Scientific Research

No.	Investigator(s)	Title	Date
1	Abdulaziz M. Al-Swailem, <u>K.A. Al-Busadah</u> Maher M. Shehata, and Ejaz Askari	The role of parentage studies in Arabian and Bactrian camel's pedigree verification	2005-2007
2	Ismael ST AAI-EknaH MM <u>Al-Busadah, K.A</u>	Hormonal changes during a GnRH priming regimen for superovulation in the camel (<i>Camelus dromedarius</i>)	2007
3	Osman T.E.A_and <u>Al-</u>	Trace elements status in	2006-2007

	<u>Busadah, K.A</u>	Saudi Arabian camel. A comparative study.	
4	<u>Al-Busadah, K.A</u>	Coagulation variables in camel neonates and their dams	2006
5	<u>Al-Busadah, K.A</u>	Effects of feeding urea on milk composition in lactating goats	2006
6	<u>K.A. Al-Busadah</u> A.M. Homeida	Some physical variables, biochemical and haematological parameters in Hassawi Ass	2005
7	Barri, M.E.S <u>Al-Busadah, K.A.</u> Homeida, A.M.	Comparative calcium and magnesium status in adult and young camel (<i>Camelus Dromdarius</i>).	2004
8	<u>Al-Busadah, K.A</u>	Camel comparative endocrine aspects	2002
9	<u>Al-Busadah, K.A</u> and Osman T.E.A	Regulation of insulin and glucose levels in the camel	2001-2002
10	<u>Al-Busadah, K.A</u> Homeida, A.M.	Studies on Hassawi donkey	2000-2001

	and Osman T.E.A		
--	-----------------	--	--

5	Scientific Reports and Consultation
----------	--------------------------------------------

No.	Participant(s)	Name and Nature of Consultation	Place and Date
1	<u>Al-Busadah, K.A</u> and others (representatives from some ministers)	The higher committee formed by council of ministers to follow the use antibiotics, hormones and salmonella in food of animal origin.	Riyadh, 2001-2007
2	<u>Al-Busadah, K.A.</u>	Consultation committee to HRH Prince Abdulaziz Bin Fahad	Riyadh, 2006-2007
3	<u>Al-Busadah, K.A.</u>	Member in Saudi bioethics committee	KACST 2004-2006
4	<u>Al-Busadah, K.A.</u>	Medical waste disposing committee	KFU 2006

No.	Investigator(s)	Title	Date
1	<u>Al-Busadah, K.A & others</u>	Dromedary chromosomes in health and disease	2008-2010
2	<u>Al-Busadah, K.A & others</u>	Molecular basis of camel breed phenotypes	2007-2009
3	<u>Al-Busadah, K.A</u> and Homeida A. M.	Serum aluminum concentration in Arabian camel	2008
4	<u>Al-Busadah, K.A</u> Akbar A.	Leptin level in Arabian camel in relation to age, breed, sex and season	2008
5	<u>Al-Busadah, K.A</u> Akbar A.	Insulin level in Arabian camel in relation to age, breed, sex and season	2008
6	<u>Al-Busadah, K.A</u> Akbar A.	Thyroid hormones and thyroid stimulating hormone changes in Arabian camel in relation to age, breed, sex and season	2008

No.	Conference	Place and Date	Participation
1	Impact of emerging zoonotic diseases on human health workshop	King Faisal Special Hospital & Research Center, 2007	Attendance
2	International camel conference	India, 2007	Presentation
3	Effective Leadership for Persuading and influencing others	Hofuf, 2006	Attendance
4	Camel international conference	Al- Gassim, 2006	Attendance
5	Workshop of falcons and avian influenza	Hofuf, 2006	Attendance
6	Workshop of academic accreditation	Hofuf, 2006	Attendance
7	Camel diseases training course	Hofuf, 2006	Coordinator and lecturer
8	Seventh scientific meeting for antibiotic use in poultry industry	Hofuf, 2003	
9	Meeting of Saudi biological society (21)	April,2002,Abha	Attendance

10	Meeting of Saudi biological society (20)	Feb, 2000, Al-Ahsa	Two presentations
11	Reproductive rennin-angiotensin system	July, 1995 Hamburg Germany	Attendance
12	Annual meeting of British Encorine Societies	Nov. 1994 London, UK	Presentation

8	Membership in Professional Organizations and Societies
----------	---------------------------------------------------------------

No.	Organization and Society	Place	Date
1	Egyptian physiological society	Cairo	1425- to date
2	Saudi environmental society	Jeddah	1422 – to date
3	Saudi Arabian section of the air waste management association	Dahran	1420 – to date
4	Saudi biological society	Riyadh	1419 – to date
5	British endocrine societies	London	1411 – to date

10	Scholarships and Awards
-----------	--------------------------------

No.	Nature	Sponsor	Date
1	Saudi Governmental Scholarship Leading to Ph.D	KFU	1991

(C) Teaching Experience

a	Under-Graduate and Post-Graduate Courses
----------	-------------------------------------------------

No.	Course	Undergraduate	Post-Graduate
1	Physiology-I (212)	X	
2	Physiology-II (222)	X	
3	Selected aids in diagnosis (Radioimmunoassay and spectrophotometry and ELIZA)		X

b	Supervision of post -graduate thesis
----------	---------------------------------------------

No.	Title of Thesis	Date	Master	Ph.D.
1	Effect of physiological changes on thyroid hormones in camels	2004- 2008	-	X

(D) Administrative activities, committees and community services

1	Administrative activities		
1	Dean of Student Affairs	King Faisal University	1433-1437
2	Director of camel research center	King Faisal University	1433-1434
3	Assistant for General Supervisor for Knowledge Exchange and Cooperation	King Faisal University	1430-1434

4	Director of Cultural Administration	King Faisal University	1430-1434
	Director of camel research center	King Faisal University	2001 – 2007
	Vice dean for post graduate studies & scientific research	C.V.M & A.R.) – K.F.U,	2002-2007
	Head of department of physiology, biochemistry and pharmacology.	King Faisal University	2000 – 2006 (three successive periods)

2	Committees
----------	-------------------

No.	Committees	Date
1	Member of budget	2008-2009
2	Member of curriculum plan	2008-2009
3	Head, committee of post graduate studies & scientific research, (C.V.M & A.R.), K.F.U	2002-2007
4	Member, post graduate studies council, K. F. U.	2003-
5	Head, Medical waste disposing committee,	2006

	K.F.U.	
6	Member, scientific research council, K.F.U.	2005-2006
7	Member, post-graduate and research council K.F.U.	2002-2003
8	Member, time-table, (C.V.M & A.R.), K.F.U	2002-2003
9	Member, public services and relationship (C.V.M & A.R.), K.F.U	2001-2002
10	Member, public services and relationship (C.V.M & A.R.), K.F.U,	2000-2001
11	Member, public services and relationship (C.V.M & A.R.), K.F.U	2000
12	Chairman, library (C.V.M & A.R.), K.F.U	2000
13	Member, public relationship and reception for graduate ceremony, K.F.U.	2000
14	Member, public relationship and reception for graduate ceremony ,K.F.U	2000
15	Member of public relationship and reception for graduate ceremony, K.F.U	2000
16	Chairman, accommodation, the 20 th Saudi biological society, K.F.U	2000
17	Member, public relationship and information for professional day, K.F.U	1999

3	Community Activities
----------	-----------------------------

No.	Activity	Date
1	Head of Al-Jishah Charity Association	2004-
2	Secretary, parents council, Al-Jishan intermediate school (boys)	1999
3	General secretary, Al-Jishan charity association	1991
4	Vice president, Al-Rawdah Club	1990