

# Ahmed A. Al-Haidary, Ph.D.

## **PERSONAL DATA**

Address: King Saud University  
College of Food and Agriculture Sciences  
Department of Animal Production  
PO Box 2460  
Riyadh 11451  
Saudi Arabia  
Phone: Work (467-8483)  
Fax (467-8474)  
E-mail: [ahaidary@ksu.edu.sa](mailto:ahaidary@ksu.edu.sa)

## **EDUCATIONAL BACKGROUND**

1990 to 1995	Ph.D. Environmental Physiology	University of Missouri- Columbia Animal Science Department Columbia, Missouri, 65211 United States
1986-1989	MS Animal Production	King Saud University Animal Production Department College of Agriculture
1979-1985	B.Sc. Animal Production	King Saud University Animal Production Department College of Agriculture

## **WORK EXPERIENCE**

2008- to date	<b>Professor</b> , Animal Production Department, King Saud University
2002 - 2008	<b>Associate Professor</b> , Animal Production Department, King Saud University
1995 - 2002	<b>Assistance Professor</b> , Animal Production Department, King Saud University
1989-1990	<b>Lecturer</b> , Animal Production Department, King Saud University
1985-1989	<b>Teaching Assistant</b> , Animal Production Department, King Saud University

### **Administrative Assignments:**

- Department head, Animal Production Department, College of Food and Agriculture Sciences. (11/10/2012 - to date 20/9/2014)
- Director, Distinguished Scientific Fellowship Program, King Saud University (14/1/2012-18/10/2012).
- Vice-Dean for academic affairs, College of Food and Agriculture Sciences, King Saud University (17/9/2006- 05/8/2010).
- Department Head, Animal Production Department, College of Food and Agriculture Sciences. (1/2/2006-21/11/2006).

### **Projects:**

1. Principal Investigator for the research project titled "Evaluation of the Heat Tolerance and Growth Performance of Ardi and Damascus Crossbred Goats" funded by The National Plan for Sciences & Technology. Grant No 12-AGR2540-02
2. Principal Investigator for the research project titled "Identification of Major Camel's Heat Stress Genes", funded by The National Plan for Sciences & Technology. Grant No. 09-BIO885-02.
3. Principal Investigator for the research project titled *Identification of Major Camel's Heat Stress Genes*". (2 years, January 2011- January 2013). Funded by the National Plan for Science and Technology (NPST). Project no. 09-BIO885-02
4. Principal Investigator for the research project titled "Brain Cooling and Adaptive Heterothermy Phenomenon in Arabian Camels (*Camelus dromedarius*)" funded by by King Abdulaziz City for Science and Technology {KACST}. Grant # APR 14-14.
5. Co-Principal Investigator for the research project titled" Improvement of Physiological and Reproductive Statuses of Naimey Sheep Using Seaweed as Feed Additives" funded by King Abdulaziz City for Science and Technology {KACST}.

### **Conferences:**

- 2014 NIAA Annual Conference & NIAA/USAHA Joint Forum on Trichomoniasis Standards, USA. Omaha,NE. 31/3/2014-03/04/2014.
- London Symposium on Climate Changes, UK, London. 7-8/12/2013.
- International scientific academy of engineering and technology, Kuala Lumpur (29-30/12/2012). presented a Paper

- The International society for Animal hygiene, Germany ( 19-23/7/2009.) . presented a Paper
- International Scientific Conferences on Camel. Qassim University, 10-12/5/2006 (12-14/4/1426) presented a Paper.
- Attending, The 4th Saudi Conference on Food and Nutrition, Riyadh, Saudi Arabia. 10-12/12/2006, (19-21/11/1427)
- Attending and Chairman a session, The Future of the Camel in Saudi Arabia. Riyadh, Chamber of Commerce 28/3/2004, (7/2/1425).
- International Workshop on Young Camel., Ouarzazate, Morocco. Oct 24-26 1999 (15-17/7/1420). presented a Paper

### **Symposia:**

- Attending and evaluating scientific sessions, The Second Symposium of the Saudi Society for Agricultural Sciences (SSAS), Riyadh 22/2/2005. (13-15/1/1426)
- Third Joint Symposium of Japan and Korea on Rumen Metabolism and Physiology, Oct. 1-3 2000 Miyazaki, Japan. presented a Paper
- Animal Production Symposium in the Kingdom: The present and the future. Chamber of Commerce, Oct 22-23 2000, Riyadh Saudi Arabia.
- The 10th Scientific Symposium of the Saudi Society for Agricultural Sciences, Riyadh 17/3/2004 (25/1/1425).
- Attending, The Annual meeting of Saudi Society for Agricultural Sciences, Riyadh, 2/4/2003. (30/1/1424).
- Attending and Participating in workshop on "Quality Improvement for Educational Programs". National Commission for Academic Accreditation & Assessment. Riyadh 3-4/12/2006 (12-13/11/1427).
- Attending and Participating in workshop on "Quality Improvement for Educational Institutional ". National Commission for Academic Accreditation & Assessment. Riyadh 28-29/11/2006.

- Attending and Participating in workshop on “Self Evaluation and Quality Control” National Commission for Academic Accreditation & Assessment, Riyadh. 21/11/2006. (30/10/1427).
- First Saudi Symposium on Agricultural Sciences, College of Agriculture, KSU, March 25-27,1997. presented a Paper.
- Participating and Organizing the Cooperative Training and agricultural education symposium, Riyadh, Chamber of Commerce 14/5/2006 (13/4/1427).

### **Membership of Scientific Associations:**

Saudi Society for Agricultural Sciences (SSAS)  
Saudi Biological Society

### **Committees:**

- Chairman of the comprehensive study of the situation of the team producers and manufacturers of small dairy in Kingdom of Saudi Arabia, Agricultural Development Fund 2014-
- Chairman, Final Examination committee (first semester) College of Food and agriculture Sciences.2006-2007.
- Chairman, Advisory Committee for Talented Student and Teaching Assistance College of Food and agriculture Sciences.2006-2007.
- Chairman of the Subcommittee for the Protection of Student Rights in college (1429)
- Chairman of the Standing Committee for Graduate Studies and the college first semester of the academic year 1430-1431h).
- Chairman of the care of talented students and teaching assistants - College of Food and Agriculture Sciences, King Saud University 12/1427 to now.
- Member of Graduate Studies Committee, Animal. Prod. Dept, 1998-to date.

- Member of the Scientific Council of the Center for camels Research under the Ministry of Agriculture (1429 -1431)
- Member of Scientific Committee for the Animal Production Symposium, Chamber of Commerce, Riyadh, October, 22-23, 2000.
- Member of organizing committee for the Animal Production Symposium. Chamber of Commerce, Riyadh October, 22-23, 2000.
- Secretary to Animal Production Department Council, 1997/1998.
- Member, Advisory Committee for Talented and Teaching Assistant. College of Agric., KSU, 2000- to date.
- Member of a Preparatory Committee of College of Agriculture in Participating the Kingdom's Hundredth years Celebration, College of Agric., KSU, 1998.
- Member of Final Exam Committee (second Semester), College of Agriculture, 1996.
- Member of the Board Graduate Student Follows up Committee, Animal Prod. Dept., College of Agric., KSU, 1995.
- Member of the Cooperative Training Team, Chamber of Commerce, Riyadh 2/2005 to 2/2006 (1/1426 to 1/1427).
- Member of the editorial board of Journal of King Saud University. 2005-2006.

#### **Councils:**

- Head, Animal Production Department Council, College of Food and Agriculture Sciences Council, College of Food and Agriculture Sciences from 25/11/1433 to date).
- Member of the College of Food and Agriculture Sciences Council, College of Food and Agriculture Sciences , from 1427-to 1431.
- Head, Animal Production Department Council, College of Food and Agriculture Sciences Council, College of Food and Agriculture Sciences from 20/2/2006 to 21/11/2006).

- Member of the Animal Production Department Council, College of Food and Agriculture Sciences, from 1996 – to date.
- Member of the Agricultural research and Experimental. Station Council, College of Agriculture, KSU, 1998-1999.
- Member of the College of Agriculture Council, College of Food and Agriculture Sciences, from 1423-1424.
- Member of the Biodiversity Program Council, from 1425 – 1427..

### **University and Community Service:**

- Major advisor for graduate students Animal Production Department and Biodiversity program.
- Evaluation of research papers sent for publication
- Evaluation of several works submitted for promotion to associate professor.
- Academic for undergraduate student, Animal Production Department, College of Food and Agriculture Sciences.
- Member of the awareness of Smoking Hazard Committee, College of Agriculture. 2000-2001.

### **Publications:**

1. Elzaref MF, Al-Seaf AM , Al-Haidary AA , Okab AB, Samara EM , Abdoun KA., (2017). Comparison of heat shock protein gene (hsp70-1) sequence in aradi and damascus goat breeds (capra hircus) raised under heat stress conditions. Journal of Experimental Biology and Agricultural Sciences, 5 63-67.
2. Yuangklang, C., Schonewille, A. Alhaidary, K. Vasupen, S. Bureenok, B Seanmahayak, S.Wongsuthavas, A.C. Beynen. (2017). Growth performance and macronutrient digestion in goats fed a rice straw based ration supplemented with fibrolytic enzymes. Small Ruminant Research 154,20-22.
3. Al-Haidary, A., Abdoun, K., Samara. E, Okab, A., Sani, M, and Refinetti, R. (2016). Daily rhythms of physiological parameters in the dromedary camel under natural and laboratory conditions. Research in Veterinary Science 107 273–277

4. Samara, E. , Abdoun, K., Okab, A., Al-Badwi, M., El-Zarei, M., Al-Seaf, A., and Al-Haidary. . (2016). Assessment of heat tolerance and production performance of Aardi, Damascus, and their crossbred goats. *International Journal of Biometeorology*, 60(9):1377-87
5. EL-WAZIRY, A. H. M. E. D., AL-HAIDARY, A. H. M. E. D., OKAB, A., SAMARA, E., & ABDOUN, K. (2015). Effect of dietary seaweed (*Ulva lactuca*) supplementation on growth performance of sheep and on in vitro gas production kinetics. *Turkish Journal of Veterinary and Animal Sciences*, 39(1), 81-86.
6. SADDER, M., MIGDADI, H., AL-HAIDARY, A., & OKAB, A. (2015). Identification of simple sequence repeat markers in the dromedary (*Camelus dromedarius*) genome by next generation sequencing 2. *Turkish Journal of Veterinary and Animal Sciences*, 39.
7. Sadder, MT; Migdadi, HM ; Zakri, AM ; Abdoun, KA ; Samara, EM; Okab, AB; Al-Haidary, AA, 2015. Expression analysis of heat shock proteins in dromedary camel (*Camelus dromedarius*). *Journal of camel practice and research*. 22(1),19-24.
8. Abdoun, K. A., Alsofi, M. A., Samara, E. M., Alhidary, I. A., Okab, A. B., & Al-Haidary, A. A. (2015). Evaluation of the effects of chromium supplementation on growth and nitrogen balance of camel calves under summer conditions. *Tropical animal health and production*, 1-3.
- 9.
10. Babor, H., A Okab, E. Samara, K. Abdoun, O. AL-Tayib and A. Al-Haidary. 2014. Adaptive Thermophysiological Adjustments of Gazelles to Survive Hot Summer Conditions. *Pakistan J. Zool.*, vol. 46(1), pp. 245-252
11. Norain, T. M., 1 Izzeldin B. Ismail, Khalid A. Abdoun, Ahmed A. Al-Haidary. 2013. Dietary inclusion of chromium to improve growth performance and immune-competence of broilers under heat stress. *Italian Journal of Animal Science* 2013; volume 12:e92
12. Al-Badwi M.A., Mohamed H.E., Abudabos A.M., Alhidary A., Al-Hassan M.J The effects of transportation on antioxidative biomarkers, rectal and skin temperatures in Aardi goats. 2013. *Indian Journal of Animal Research*. 47(5):392-396.
13. Abdoun KA, AB Okab, AM El-Waziry, EM Samara and AA Al-Haidary, 2013. Dietary supplementation of seaweed (*Ulva lactuca*) to alleviate the impact of heat stress in growing lambs. *Pakistan Veterinary Journal*, 34(1): 108-111.
14. Abudabos, A., Okab , B., Riyadh S. Aljumaah, Emad M. Samara, Kalid A. Abdoun, Ahmad A. Al-Haidary. 2013. Nutritional value of green seaweed (*Ulva lactuca*) for broiler chickens Alaeldein M. Abudabos,. *Italian Journal of Animal Science* 2013; volume 12:e28
15. Okab, B. Emad M. Samara , Khalid A. Abdoun , Jan Rafay , Lubomir Ondruska , Vladimir Parkanyi , Juraj Pivko , Mostafa A. Ayoub , Ahmed A. Al-Haidary , Riyadh S. Aljumaah , Massanyi Peter & Norbert Lukac (2013). Effects of dietary seaweed (*Ulva lactuca*) supplementation on the reproductive performance of buck and doe rabbits, *Journal of Applied Animal Research* 41:3.326-332.

16. S. Wongsuthavas, K. Vasupen, J. Mitchaothai, C. Yuangklang, A. Alhaidary, U. Chiraporn and A. C. Beynen. Growth performance, apparent digestibility and carcass composition of broiler chickens fed diets containing dried tomato pomace. *J. Mahanakorn Vet. Med.* 2013; 8: 9-19.
17. Samara, E. M ., A. B. Okab, K. A. Abdoun, A. M. El-Waziry and A. A. Al-Haidary. 2013. Subsequent influences of feeding intact green seaweed *Ulva lactuca* to growing lambs. *J ANIM SCI* 2013, 91:5654-5667.
18. Abdel Galil M. Abdel Gader, Abdul Karim M. Al Momen, Abdulqader Alhaider, Marjory B. Brooks, James L. Catalfamo, Ahmed A. Al Haidary, Mansour F. Hussain. 2013. Clotting factor VIII (FVIII) and thrombin generation in camel plasma:A comparative study with humans. *The Canadian Journal of Veterinary Research* 77:150–157
19. Mohamed, H.E., Alhaidary A., Beynen , A. C., (2013). Habitual diet and ascorbic acid status in Sudanese camels. *Tropical Animal Health and Production.* 45: 887–888.
20. Al-Haidary AA, RS Aljumaah, MA Alshaikh, KA Abdoun, EM Samara, AB Okab and MM Alfuraiji, 2012. Thermoregulatory and physiological responses of Najdi sheep exposed to environmental heat load prevailing in Saudi Arabia. *Pak Vet J*, 32(4): 515-519.
21. Samara, E.M., Abdoun, K., Okab, A.B. and A.A. Al-Haidary, A.A. (2012). Exercise and dehydration minimized bleeding time in camels (*Camelus dromedarius*): a clinical standpoint. *Pakistan Veterinary Journal*, 32 (3): 432-434.
22. Okab, A.B., Ayoub, M.A., Samara. E.M., Abdoun, K.A., Al-Haidary, A.A., Koriem, A.A. and Hassan, A.A. (2012). Improvement of growth and nitrogen utilization in sheep using sugar beet pulp treated with *Trichoderma reesei* or Urea. *Tropical Animal Health and Production*, 44 (7):1623-1629.
23. Abdoun, K.A., Samara, E.M., Okab, A.B., Al-Haidary, A.A. (2012). Regional and circadian variations of sweating rate and body surface temperature in camels (*Camelus dromedarius*). *Animal Science Journal*, 83 (7): 556-561.
24. Abdoun, K.A., Samara, E.M., Okab, A.B., Al-Haidary, A.A. (2012). A Comparative study on seasonal variation in body temperature and blood composition of camels and sheep. *Journal of Animal and Veterinary Advances*, 11 (6): 769-773.
25. Abdoun, K.A., Samara, E.M., Okab, A.B., Al-Haidary, A.A. (2012). State of acid-base balance in dehydrated camels (*Camelus dromedarius*). *Asian Journal of Animal and Veterinary Advances*, 7 (5): 420-426.
26. Samara, E.M., Abdoun, K., Okab, A.B. and A.A. Al-Haidary, A.A. (2012). A Comparative thermo-physiological study on water deprived goats and camels. *Journal of Applied Animal Research*, 40(4): 316-322.



27. Al-Badawi, M.A., Mohamed; H.E., Alhaidary, A, Al-Hassan, M.J. (2012). Plasma and salivary cortisol levels in transportation stressed Aardi goats. *Journal of Animal & Plant Sciences*. (1): 1731-1735
28. Wongsuthavas, S.; Yuangklang, C.; Vasupen, K, . Mitchaothai, A. Alhaidary, H. E. Mohamed and A. C. Beynen. 2011. Fatty Acid Metabolism in Broiler Chickens Fed Diets Either Rich in Linoleic or Alpha-Linolenic acid. *Asian journal of animal and veterinary advances*. 3:282-289.
29. L. Ondruska, J. Rafay, 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.
30. Abdoun, K., Alameen, A., Elmagbol, W., Makkawi, T. and Al-Haidary, A. (2011). Assessment of nutritional status in feed deprived one-humped camels (*Camelus dromedarius*). *Journal of Camel Practice and Research*, 18 (2): 209-212.
31. Samara, E.M., Abdoun, K., AL-Tayib, O., Okab, A.B. and A.A. Al-Haidary, A.A. (2011). Tympanic membrane temperature of dromedary camels (*Camelus dromedarius*). *Journal of Camel Practice and Research*, 18 (2): 305-318.
32. Alhaidary, A., H.E. Mohamed and A.C. Beynen. Mineral and nitrogen utilization in rats fed diets containing various monosaccharides. *Asian J. Anim. Vet. Adv.* 2011; 6: 353-361.
33. Alhaidary, A., H. E. Mohamed and A. C. Beynen. 2011. Inter-related effects of dietary fat and protein level on growth performance in rabbits. *Journal of Animal Physiology and Animal Nutrition* 95: 223–227.
34. S. Wongsuthavas, C. Yuangklang, K. Vasupen, J. Mitchaothai, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Fatty acid and energy metabolism in broiler chickens fed diets containing either beef tallow or an oil blend. *J. Anim. Physiol. Anim. Nutr.* 2011; 95: 228-235.
35. T. Vorlaphim, M. Phonvisay, J. Khotsakdee, K. Vasupen, S. Bureenok, S. Wongsuthavas, A. Alhaidary, H.E. Mohamed, A.C. Beynen and C. Yuangklang. Influence of dietary curcumin on rumen fermentation, macronutrient digestion and nitrogen balance in beef cattle. *Am. J. Agricul. Biol. Sci.* 2011; 6: 7-11.
36. C. Yuangklang, J. Khotsakdee, K. Vasupen, S. Bureenok, S. Wongsuthavas, P. Panyakaew, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Interactive effects of the feeding of leucaena leaves and curcumin on macronutrient digestion and nitrogen balance in beef cattle. *Am. J. Agricul. Biol. Sci.* 2011; 6: 29-32.

37. C. Yuangklang, K. Vasupen, S. Wongsuthavas, S. Bureenok, P. Panyakaew, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Effect of replacement of soybean meal by dried tomato pomace on rumen fermentation and nitrogen metabolism in beef cattle. *Am. J. Agric. Biol. Sci.* 2010; 5: 256-260.
38. A. Alhaidary, H.E. Mohamed and A.C. Beynen. Impact of dietary fat type and amount on growth performance and serum cholesterol in rabbits. *Am. J. Anim. Vet. Sci.* 2010; 5: 60-64.
39. A. Alhaidary, H.E. Mohamed and A.C. Beynen. Calcium metabolism in rats fed diets containing supplemental chloride. *Res. J. Biol. Sci.* 2010; 5: 219-222.
40. N.M. El Bagir, I.T.O. Farah, S.M.B. Elhag, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Immune response and *Pasteurella* resistance in rabbits fed diets containing various amounts of black cumin seeds. *Am. J. Anim. Vet. Sci.* 2010; 5: 166-170.
41. M.A. Elmusharaf, H.E. Mohamed, A. Alhaidary and A.C. Beynen. Efficacy and characteristics of different methods of coccidiosis infection in broiler chickens. *Am. J. Anim. Vet. Sci.* 2010; 5: 45-51.
42. M.A. Elmusharaf, J.J. Cuppen, H.N.A. Grooten, H.E. Mohamed, A. Alhaidary and A.C. Beynen. Exposure of broiler chickens to a weak electromagnetic field reduces the impact of a simulated, commercial *Eimeria* infection. *Am. J. Anim. Vet. Sci.* 2010; 5: 65-70.
43. J. Khotsakdee, K. Vasupen, S. Wongsuthavas, S. Bureenok, A. Alhaidary, H.E. Mohamed, A.C. Beynen and C. Yuangklang. Rumen fermentation and nutrient digestibility in goats fed a tallow-rich ration fortified with yeast. *Res. J. Biol. Sci.* 2010; 5: 246-250.
44. H.E. Mohamed, A. Alhaidary and A.C. Beynen. Nephrocalcinosis in female rats fed diets containing either pectin, galacturonic acid or glucose. *Am. J. Anim. Vet. Sci.* 2010; 5: 110-113.
45. H.E. Mohamed, A. Alhaidary and A.C. Beynen. Calcium metabolism in rats fed diets containing various concentrations of magnesium. *Res. J. Biol. Sci.* 2010; 5: 215-218.
46. H.E. Mohamed, A. Alhaidary and A.C. Beynen. Nephrocalcinosis and urinary mineral concentrations in rats fed diets containing various concentrations of magnesium. *J. Anim. Vet. Adv.* 2010; 9: 2405-2408.
47. C. Yuangklang, K. Vasupen, S. Wongsuthavas, P. Panyakaew, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Growth performance in beef cattle fed rations containing dried tomato pomace. *J. Anim. Vet. Adv.* 2010; 9: 2261-2264.

48. C. Yuangklang, C. Wachirapakorn, H.E. Mohamed, A. Alhaidary and A.C. Beynen. Effect of calcium supplementation on growth, nutrient digestibility and fecal lactobacilli in dairy calves. *Am. J. Anim. Vet. Sci.* 2010; 5: 127-131.
49. W. Polviset, C. Wachirapakorn, A. Alhaidary, H.E. Mohamed, A.C. Beynen and C. Yuangklang. Rumen fermentation and nutrient digestibility in beef steers fed rations containing either cotton seed or sunflower seed. *Res. J. Biol. Sci.* 2010; 5: 204-208.
50. Abdon, K, Alameen A, Elmagbol T, Makkawi T and AlhaidaryA. 2010. Effect of hydration status on osmolality and minerals profile of serum and forstomach liquor in Dromedary i (Camelus dromedaries). *Journal of Camel Practice and Research*, 2-235-240.
51. Alhaidary,A., H.E. Mohamed and A.C. Beynen. Nephrocalcinosis and urinary mineral concentrations in rate fed diets containing supplemental chloride. 2010, *Journal of Animal and Veterinary Advances*. 9 (18): 2409-2411.
52. El Bagir, N.M. , I.T.O. Farah, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Clinical laboratory serum values in rabbits fed diets containing black cumin seed. *J. Anim. Vet. Adv.* 2010; 9: 2532-2536.
53. El Bagir N.M., R.T.H. El Amin, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Serum protein levels and hematological values in rats fed a diet containing black cumin seed. *J. Anim. Vet. Adv.* 2010; 9: 2604-2607.
54. A. Alhaidary, H.E. Mohamed and A.C. Beynen. Nephrocalcinosis in female rats fed diets containing either pectin or cellulose. *Am. J. Anim. Vet. Sci.* 2010; 5: 104-109.
55. Hussein, m. F.; aljumaah, r. S.; homeida, a. M.; alhaidary, a. Et al. 2010. Coagulation profile and platelet parameters of the arabian sand gazelle (gazella subgutturosa marica): comparison with humans and camels. *Journal Of Wildlife Diseases*. 4: 1165-1171.
56. H.E. Mohamed, A. Alhaidary and A.C. Beynen. Dietary corn oil counteracts casein-induced hypercholesterolemia in rabbits. *J. Anim. Vet. Adv.* 2010; 9: 2085-2088.
57. B.A. Yagoub, A.E. Amin, N.M. El Bagir, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Egg yield and quality in laying hens fed diets containing black cumin seed and/or white wormwood leaves. *J. Anim. Vet. Adv.* 2010; 9: 2600-2603.
58. Majeed, Khadiga A. Abdelati, abiela M. El Bagir, Ahmed Alhaidary, Hasab E. Mohamed and Anton C. Beynen. 2010. Performance of Broiler Chickens Fed Diets Containing Low Inclusion Levels of Black Cumin Seed. *Journal of Animal and Veterinary Advances* 9 (21): 2725-2728.
59. C. Yuangklang, C. Wongnen, C. Patiphan, J. Khotsakdee, T. Kandee, K. Vasupen, S. Bureenok, S. Wongsuthavas, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Rumen

fermentation in beef and buffalo steers fed native or treated rice straw. J. Anim. Vet. Adv. 2010; 9: 3011-3015.

60. Alhaidary, A., H. E. Mohamed & A.C. Beynen. 2010. Differences Between Rats and Rabbits in their Response of Feed and Energy Intake to Increasing Dietary Fat Content. Scand. J. Lab. Anim. Sci. 2010 Vol. 37 No. 4
61. Alhaidary, H.E. Mohamed and A.C. Beynen. Alopecia in rabbits fed semipurified diets with marginal protein content Scand. J. Lab. Anim. Sci. 2010 Vol. 37 No. 4.
62. Homeida, AM; Hussein, MF; AL-Jumaah, RS; AL-Haidary, AI; AL-Shaikh, MA; Albokhadaim, I; Elnabi, AG . 2010. A COMPARATIVE STUDY ON SERUM VITAMIN K(1), A AND E LEVELS IN CAMELS (*Camelus dromedarius*) AND OTHER ANIMALS. Journal Of Camel Practice And Research, 17 (2): 241
63. Hussein M., Aljumaah, R., Alhaidary, Alshaikh, M; Mohammed, O; Omer, S; Gar-Elnabi, A; Macasero, William . 2010. Platelet indices of the dromedary camel (*Camelus dromedarius*)/ Trombocitni pokazatelji u jednogrbne deve (*Camelus dromedarius*). Veterinarski Arhiv. 3(80):375-382.
64. Wongsuthavas, C. Yuangklang, K. Vasupen, J. Mitchaothai, A. Alhaidary, H.E. Mohamed and A.C. Beynen. Fatty acid and energy metabolism in broiler chickens fed diets containing different amounts of saturated and polyunsaturated fatty acids. J. Anim. Vet. Adv. 2010; 9: 2900-2904
65. Bakheit A. Yagoub, Ahmed E. Amin, Nabiela M. El Bagir, Ahmed Alhaidary, Hasab E. Mohamed and Anton C. Beynen, (2010). Egg Yield and Quality in Laying Hens Fed Diets Containing Black Cumin Seed and/or White Wormwood Leaves. Journal of Animal and Veterinary Advances, 9: 2600-2603.
66. Hussein, M. F., R. S. Al-jumaah, A. A. **Alhaidary**, M. A. Alshaikh, A. Gar Elnabi. Blood Platelet Indices and Parallel Red Cell Parameters in the Arabian Mountain Gazelle (*Gazella gazella*). Research Journal of Biological Sciences. 4(7):785-788. 2009
67. Hussein, MF, RS Al-jumaah, AA **Alhaidary**, MA. 2009. Alshaikh. Blood Platelet Indices and Parallel Red Cell Parameters in the Arabian Mountain Gazelle (*Gazella Gazella*) Research Journal of Biological Sciences, 4(7):785-788.
68. Al Ghumlas AK, Abdel Gader AG, Hussein MF, **Al Haidary** A, White JG. Effects of heat on camel platelet structure and function-a comparative study with humans. Platelets. 2009 Nov;20(7):528.
69. Al-Owaimer AN., AA **Al-Haidary**, and MA Abouheif. Effects of dietary intake level and seasonal ambient temperature on growth rate in growing Najdi lambs. J. King Saud Univ. 20:1-11. 2008

70. Abdel Galil M. Abdel Gader; Abeer K. Al Ghumlas; Mansour F. Hussain; **Alhaidari**; James G. White. The ultrastructure of camel blood platelets: A comparative study with human, bovine, and equine cells. *Platelets*, Volume 19, Issue 1 February 2008, pages 51 – 58.
71. **Al-Haidary A.** Seasonal variation in thermoregulatory and some physiological responses of Arabian camel (*Camelus dromedaries*). *Journal of the Saudi Society of Agricultural Sciences*. Saudi Arabia. 2006, 5:30-41.
72. **Al-Haidary A.** Effect of dehydration on core body temperature of young Arabian camels (*Camelus dromedaries*). *Journal of King Saud University*. Saudi Arabia. 2005, 1:1-7.
73. **Al-Haidary A.** Physiological responses of Naimey sheep to heat stress challenge under semi-Arid environments. *International Journal of Agriculture and Biology*. Pakistan. 2004, 2:307-309.
74. **Al-Haidary A.**, and Al-Hassan M. Effect of rationalization of water consumption for evaporative cooling on productivity of dairy cattle. *Indian Journal of Animal Science*. India. 2003, 6: 695-698.
75. Al-Faraj A. and **Al-Haidary A.** Measurement and simulation of camel core body temperature response to ambient temperature. *International Journal of Agriculture and Biology*. Pakistan . 2006, 4:531-534.
76. Ali A. K., Alessa A. A., Alshaikh M. A., Aljumaah R. S., **Al-Haidary A. A.**, Alkraidees M. S . Odds ratio and probability of conception of Holstein Friesian dairy cows in the Kingdom of Saudi Arabia. *Asian-Australasian Journal of Animal Sciences*. Australia. 2005, 3:308-313.
77. Ali A. K., Alshaikh M. A., Aljumaah R. S., **Al-Haidary A. A.**, Alkraidees M. S., and ALEssa A. A. Non-Genetic factors affecting reproductive performance of Holstein Friesian cows. *Journal of the Egyptian Veterinary Medical Association*. Egypt. 2004, 4:359-374.
78. Ali A. K., Alessa A. A., Alshaikh M. A., Aljumaah R. S., **Al-Haidary A. A.**, and Alkraidees M. S. Response surface and fixed effects models of non-genetic factors for dairy cows in Saudi Arabia. *Veterinary Medical Journal*. Giza. Egypt. 2004. 2:231-244.
79. Abdel-Gader A., Ghumlas A., Hussain M. and **Al Haidariy A.** Platelet aggregation and platelet function analyzer 100 (PFA-100) closure time in camels-a comparative study with humans. *Comparative Clinical Pathology*. England. 2006. 15:31-37.
80. Shafey T.M., Al-Batshan H.A., Al-Hassan M.J. **Al-Haidary A.**, Al-Faraj A., and Ghannam M.M. Embryonic growth of chicks under the influence of electric field. *International Journal of Poultry Science*. Pakistan. 2005. 11:872-878.
81. Alshaikh M., Al-Haidary A., Aljumaah R., Mohammed O., Al-Korashi M., Omer S., Gar ElNabi A. and Hussein M. First detection of brucella abortus in camel serum in Saudi Arabia using the polymerase chain reaction. *Journal of Applied Animal Research*. India. 2007. 31:149-152.
82. El-Nouty F. D., Al-Haidary A. A., and Basmaeil S. S. Physiological responses, feed intake, urine volume and serum osmolality of Aardi goats deprived of water during spring and summer. *Asian-Australasian Journal of Animal Sciences*. 1990. 3:331- 336.
83. El-Nouty, F. D., Al-Haidary A. A . and Salah M. S. Seasonal effects on body temperature, thyroid function, blood glucose and milk production in lactating and dry Holstein cows in semi-arid environment. *Arab Gulf Journal Sciences Research*. 1990. 8:89-103.

84. El-Nouty, F. D., Al-Haidary A. A . and Salah M. S. Seasonal variations in hematological values of high-and average-yielding Holstein cattle in semi-arid environment. *Journal King Saud University*. 1990. 2:173-182.
85. El-Nouty, F. D., Al-Haidary A. A . and Salah M. S. Spray cooling effects on milk production; some blood parameters and thyroid hormones of Holstein cows in the semiarid environment. *Indian Journal of Animal Science*. 1990. 63:360-364.
86. Al-Haidary, A. A., Spiers, D. E., Rottinghaus, G. E., Garner G. B., Ellersieck. M.R., Thermoregulatory ability of heifers calves following intake of endophyte-infected tall fescue during control heat challenge. *Journal of Animal Sciences*. 2001. 79:1780-1788.
87. Spiers, D., A. Al-Haidary, and G. B., Garner. Fescue toxicosis and heat stress in cattle. *Missouri Beef Cattleman*. 1994, 23:31-32.
88. Ali, K., A. M. Al-Saif, M. A. Alshaikh, M. S. Al-Karidees and A. A. Al-Haidary. Effects of non-genetic factors on lactation curve of Holstein Friesian cows in Saudi Arabia. *Journal of King Saud University*. 2003, 2:115-131.
89. Al-Haidary, A. A., A. Al-Soghier and M.A. Alshaikh. Influence of niacin supplementation on thermoregulatory responses and performance of Holstein cattle during summer months . *Journal of King Saud University*. 2003, 1:15 :3-25.
90. Al-Haidary, A. Telemetric monitoring of core body temperature of Arabian camel under Saudi Arabia condition. *Res. Bult.*, no (108), Research Center of agriculture, King Saud University. 2002, 5-18.
91. Al-Haidary, A.A, A M. Al-Soghier and M.A. Alshaikh. Effect of heat stress on milk production and some thermoregulatory responses of high producing Holstein cattle in semi-arid environment. *Journal of King Saud University*. 2002, 14:45-54.
92. Al-Haidary, A. A., A. Al-Soghier and M.A. Alshaikh. Effect of niacin supplementation on Holstein cattle performance during summer months. *Journal of King Saud University*. 2002, 14:221-234.
93. Al-Haidary A.A. Effect of heat stress on some thermoregulatory responses of cattle, sheep and goat. *Zag. Vet. J*. 2000, (28) 1:101-110.
94. Ali, K., A. Al-Haidary, M. Alshaikh and E. Hayes. The effect of evaporative cooling in alleviating seasonal differences in milk production of Almarai dairy farms in the Kingdom of Saudi Arabia. *Asian-Australasian Journal of Animal Sciences*. 1999, 12: 590-596.
95. Ali, K., A. Al-Haidary, M. Alshaikh and E. Hayes. Effects of days open on the lactation curve of Holstein cattle in Saudi Arabia. *Asian-Australasian Journal of Animal Sciences*. 1999, 13: 277-286.