

## CURRICULUM VITAE

**Dr. Khaleel Ibrahim Za'l Jawasreh**

د. خليل ابراهيم زعل جواسرة

### **Present Address**

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### **Personal data:**

**Date of Birth:** NOV.16.1974

**Place of birth:** Alkhanasry, Almafraq- Jordan

**Citizenship:** Jordanian.

**Marital Status:** **Married** and father for four Children's (Ibrahim, Shahed, Mohammad and Yasmeen)

### **Education:**

- **Ph.D.** in Animal Breeding and Genetics from Baghdad University (2003). (**Very Good**)  
Ph. D thesis title: **Genetic evaluation of Damascus goats in Jordan. (Excellent)**
- **M.Sc.** in Animal Breeding and Genetics from Baghdad University (2000). (**Very Good**)  
M.Sc. thesis title: **Estimation of some genetic and non-genetic parameters for some growth traits of Awassi sheep in Jordan.**
- **B.Sc.** in Animal Resources, Mousol University, 1997.

### **Experiences, Workshop and Training Courses:**

1. Quantitative genetic as Major.
2. Molecular genetic, RAPD, Microsatellites and RFLP, Animal Genotyping

3. Conducting training courses in Using PCR technique in Animal Studies starting from DNA extraction up to genotyping. In addition to biodiversity (RAPD and techniques and analysis).
4. A specialized training course in bio-security and Bio-safety in Lab. Denmark, 2010
5. A specialized training Course in "Molecular Characterization of Small Ruminant Breeds". ICARDA, Aleppo, Syria 1-14/4/2007.
6. Using Zplan Software in Animal Breeding 2007. University of Hohenheim. Germany.
7. Responsibility of genetic improvement programs in Jordanian breeding stations
8. Supervising the cross breeding programs of small ruminant and poultry in Jordan
9. A training course in data analysis by using SAS and MINITAB programmes, Baghdad. Iraq.
10. Genetic analysis by using SAS and animal Model Programmes. Baghdad. Iraq.
11. Using EWE and Me program in Sheep and Goat Management 22-29 Aug 2004. Al-Mafraq-Jordan.
12. Using Arabic Soft Ware program for Sheep and Goat Management, 10 March 2005. Amman, Jordan.
13. Workshop on improvement the nutritional values of agricultural by products and its effect on animal performance. 21-25 May 2005, Amman Jordan.

### **Scientific visits:**

- Scientific visit to the George August University in Goettingen Department of Animal Breeding and Genetics, 2010. Germany. Prof. Dr. Hener Simianer.
- Scientific visit to the University of Hohenheim –Department of Animal Production in Tropics and Subtropics, 2010. Stuttgart. Germany Prof. Dr. Anne Valle Zarate.
- Scientific visit to the University of Hohenheim –Department of Animal Production in Tropics and Subtropics, 2007. Stuttgart, Germany. Prof. Dr. Anne Valle Zarate

## **Work and Experiences:**

- Assistant of Faculty of Agriculture Dean (1/9/2012 -1/9/2013)
  
- Assistant professor of Animal Breeding and genetics. Department of Animal, Production-Faculty of Agriculture/Jordan University of Science and Technology (JUST) since 13/2/2011.
  
- Director of Livestock and Range land Researches Program, National Center for Agricultural Research and Extension, (NCARE). (11/ 7/ 2006 -13 /2 /2011).
  
- Establisher of Animal Biotechnology Lab. In NCARE
  
- Researcher in AL-khanasry Station for Sheep and Goat Research's. That dealt with and goat managements and concentrate on sheep breeding of Awassi sheep and Local goat breeds (March 1, 2003 - 11/7/2006) NCARTT.
  
- Designing and practicing of the breeding strategy of both species in the station.
  
- Data analysis, which included both fixed and random by using SAS, MINITAB, SPSS and MTDFREML and Single Trait Animal Model.
  
- A head of committee of sheep and goat genetic improvement program for all the King Dome of Jordan Stations that raised Local and Exotic sheep and goat breeds. (Ministry of Agriculture).
  
- A head of Local chicken Improvement Program Committee. (NCARE).
  
- A head of committee of Local Goats (Dhaiwi and Mountain Black) genetic improvement program. (NCARE).
  
- Working for 4 years in Broiler farms.
  
- Designing of Jordanian software for sheep and goat farms management, ' Electronic farm' that leads to managing the farms by using computer, with experience in using the other

softwares (EWE and ME and Technical assistant programs).

-Trainer and user of all computer programs that mentioned above in addition to my software that dealt with Small Ruminant farms Management.

-Data analysis of Master degree trials for some Students in Jordanian Universities by using SAS Program.

- Consultation in Animal Breeding and Genetics. ACSAD (Syria) as Expert in animal Breeding and Genetics (evaluating Syrian Awassi Sheep Genetically) and participation in planning of the future strategies for Syrian Awassi sheep selection program.

-Responsible of Artificial Insemination Lab. In Al- Khanasry Station and Trainer of sheep and goat Artificial Insemination Processes (A.I. Course). Head of Jordanian Team (small Ruminant artificial insemination).

- Trainer of Sheep and goat Artificial insemination for some foreign and local trainees groups.

### **Membership and Representation:**

- National Coordinator for Animal Genetic Resources Group of Food and Agricultural Organization (FAO), 2010-2013.

-Focal Point for the Near East Countries and the Vice President of Animal Genetic Resources Group at FAO.

- National Coordinator for Animal Genetic Resources Group of Arab Organization for Agricultural Development (AOAD), 2012- 2014.

-Official Expert in Conservation of Animal Genetic Resources at AOAD, 2014-Now.

-Agricultural Engineers Association 1997- Now.

### **Supervision for Graduate Students:**

Supervisor of four M. Sc. students in JUST University

- Alaa Al-Qaisy: Project Title: The effect of some Ovine Genes in Some economic traits of Awassi Sheep
  - Abdel-Mun'm Banyyounes: Project Title: Genetic Characterization of Some sheep Breeds sing Microsatellite Markers.
  - Ziyd Awaqleh: Project Title: Genetic Resistance to Coccidia in Damascus Goat.
  - Feisal Houssein Iye: Project title: genetic evaluation of Awassi sheep for some growth traits
- Co-Advisor of M. Sc student (Othman alqaisi) in Hohenheim University (Germany). Thesis title: A contemporary comparison between three Different genetic groups of Awassi sheep according to their Productive and Reproductive performance
- Co-Advisor of M. Sc student (Mohammad Sawalha) in Jordan University for Science and Technology (JUST). (Jordan) Thesis title: The use of melatonin or progesterone on advance puberty in Awassi ewe lambs
- External Examiner of 10 M. Sc Thesis in Jordan University of Science and Technology (JUST) University, Jordan. The Majority of work was in Molecular Biology

### **Project participations:**

- Project titled "the effect of Thermal manipulation of Broilers Embryos on Growth and gene expression" National Coordinator of DFG, Germany funded project, 2005-2011 "Increasing of meat and milk production of FAT tail Awassi sheep in the Middle East by Breeding.
- National coordinator of Mashreq/ Magrib Project (M&M III). ICARDA and USAID.
- National Coordinator of Project that dealt with the genes associated with Blindness in Awassi sheep (USAID).

- National Coordinator of Local chicken's improvement program by means of selection and crossing.
- Task force Leader of Small Ruminant Component, MsERAP Project. Denmark.
- Task force Leader of Livestock Component of Badia Rehabilitation Project. GTZ and ACSAD.
- Coordinator of Participatory animal breeding project.

### **University Courses I Taught**

1. Biostatistics
2. Experimental Design and Statistical Analysis
3. Dairy Cattle Production
4. Sheep and Goats Production
5. Undergraduate Animal Breeding
6. Advanced Animal Breeding
7. Conservation of Animal Genetic Resources
8. Farm Animal and Products
9. Practical Applications I
10. Practical Applications II

### **Research Papers:**

1. **K. I. Jawasreh.** A. Youseh Abdullah, H. Talafha, H. Salah, F. Hijazeen.(2014). Callipyge -Awassi Growth and Meat Characteristics In Comparison To The Pure Awassi. 2nd International Congress on Food Technology; November 05-07, 2014 Kusadasi/ Turkey .Association of Food Technology/Turkey & Ankara University/Turkey. (Abstract).
2. **Jawasreh, K. I. Z. .,** Ababneh, H., Awawdeh, M. A. Al-Massad and A. M. Al-Majali. (2012). Genotype and Allelic Frequencies of a Newly Identified Mutation Causing Blindness in Jordanian Awassi Sheep Flocks. Asian-Aust. J. Anim. Sci. Vol. 25, No. 1:

3. **Khaleel I. Z. Jawasreh** , Ibrahim M. Alrawashdeh , Motasem M. Al-Masad , Mustafa S. Alrawashdeh, Alaa A. Al-Qaisi , Ibrahim A. Al Sukhni, Mohammad A. Mayyas.(2014). Gene and Genotype Frequencies of Mspi, Ncoi And Hhai Calpastatin Generestriction Sites In Awassi Sheep. *Mitteilungen klosterneuburg* 64, 2.
4. **Khaleel I. Z. Jawasreh**, Rami M. Mukbel, Anas Abdel Qader, Mohammad A. Mayyas.(2013). Coccidiosis in Awassi, Romanov, Charollais and Suffolk sheep breeds during the winter and summer seasons in Jordan. *International Journal of Applied Science and Technology*. Vol. 3 No. 6.
5. Mohammad-Borhan Al-Zghoul, Zuhair Bani Ismail, Abd Elhafeed S. Dalab, Abdulla Al-Ramadan, Thnaian A. Althnaian, Saeed Y. Al-ramadan, Abdelhadi M. Ali, Ibrahim F. Albokhadaim, Khalid Ahmed Al Busadah, Abdulhakeem Eljarah, **Khaleel I. Jawasreh**, Kevin M. Hannon.2014. Hsp90, Hsp60 and HSF-1 genes expression in muscle, heart and brain of thermally manipulated broiler chicken. *Research in veterinary science*.(Accepted 2014).
6. **Jawasreh K. I. Z**, Awawdeh, F. T. and Al-Qaisy A. (2014). Association between GDF9, FecB and Prolactin gene polymorphisms and prolificacy of Awassi sheep. *Proceedings, 10th World Congress of Genetics Applied to Livestock Production*. Canada. Vancouver. 17-22 August.
7. Mohammad-Borhan Al-Zhgoul , Abd Elhafeed S. Dalab, Mustafa M. Ababneh , **Khaleel I. Jawasreh** ,Khalid Ahmed Al Busadah , Zuhair Bani Ismail.(2013). Thermal manipulation during chicken embryogenesis results in enhanced Hsp70 gene expression and the acquisition of thermotolerance. *Research in Veterinary Science*, 95: 502-507.
8. Huthaifa Salah Ababneh , Mustafa Mohammed Kheir Ababneh ,Wael Mahmoud Hananeh , Fawzi Mohammad Alsheyab , **Khaleel Ibraheem Jawasreh** ,Moath Ahmad Al-Gharaibeh ,Mohammed Mahmoud Ababneh.(2014). Molecular identification of chlamydial cause of abortion in small ruminants in Jordan. *Trop Anim Health Prod*

46:1407-1412.

9. **K. Jawasreh**, A.-AL-Majali, D. Al – Ramammneh and A. A. Alqaisi (2012). The effect of MspI Calpastatin Gene Genotypes on some Hematological and Biochemical Blood Values in Awassi Sheep. Proceedings of the 15th AAAP Animal Science Congress, 26-30 November 2012, Thammasat University, Rangsit Campus, Thailand.
10. **Jawasreh, K.I.Z.**, I.M. Al-Rawashdeh, A. Al-Majali, H. Talafha, A. Eljarah, and F. Awawdeh.(2011).Genetic relatedness among Jordanian local Awassi lines Baladi, Sagri, and Blackface and the black Najdi breed using RAPD analysis. *Genomics and Quantitative Genetics*. 2: 31 – 36.
11. **Jawasreh, K. I. Z.**, Alqaisi, O., Awawdeh, F, Al-Majali, A., El-Jarah, A.(2012). Comparative Performance testing between Afec-Awassi crossbred, Improved Awassi and Local Awassi reared intensively in Jordan. *Jordan Journal of Agricultural Sciences*.9 (2):184-192.
12. **Jawasreh, K.**, O. Alqaisi, Y. Alsatory, and A. Al\_Nsoor.(2012). Grazing Behavior of Awassi Sheep and the Biodiversity of Plant Species under Semiarid Reserved Conditions. *Arid Ecosystems*.Vol. 2, No. 4, pp. 245–252.
13. Eljarah, A., M.B. Al-Zghoul, **K. Jawasreh**, M. Ababneh, M. Alsumadi, A. Alhalah, Z. Bani Ismail. (2012).Characterization of male reproductive anatomy of the endangered Arabian oryx (*Oryx leucoryx*). *Theriogenology* 78 (2012) 159–164.
14. Mohammad N. Sawalha & Rami T. Kridli & **Khalil I. Jawasreh** & Cesar A. Meza-Herrera.(2011). The use of melatonin and progestagen–eCG to initiate reproductive activity in pre-puberal Awassi ewe lambs. *Trop. Anim. Health Prod.* 43(7):1345-50.
15. Mohammad Masood Tariq, Masroor Ahmad Bajwa, **Khaleel Jawasreh**, Mohammad Arif Awan, Ferhat Abbas, Abdul Waheed, Majed Rafeeq, Abdul Wadood1, Khalid ullah Khan, Nadeem Rashid, Mohammad Adnan Atique and

Farhat Abbas Bukhari. (2012). Characterization of four indigenous sheep breeds of Balochistan, Pakistan by random amplified polymorphic DNAs. *African Journal of Biotechnology* Vol. 11(10), pp. 2581-2586.

16. Abdulhakeem H. Eljarah, Mohd B. Alzoghoul, **Khaleel Jawasreh**, Zuhair A. Bani Ismail, Mustafa M. Ababneh, , Ashraf N. Elhalah, Maen M. Alsumadi. (2012). Female reproductive tract anatomy of the endangered species Arabian oryx (*Oryx Leucoryx*) in Jordan. *Italian Journal of Anatomy and Embryology*, Vol 117, (3): 167-174, 2012.
17. **Khaleel Jawasreh**, Hijazi, J., Al-Khasawneh A. and Ababneh, H Awawdeh, F. T. (2010). Quantitative and Molecular genetic analysis for some traits in highly selected Jordanian Awassi Sheep for milk Production. 9th world congress in Genetic Applied To livestock Production. 1-7/8/2010 Leipzig, Germany. Available on line.
18. Sharifi, A. R., Preisinger, R. Vahidi,, F., **Jawasreh, K.**, Simianer, H. Statistical and genetic analysis of reproductive traits in Laying Hens (Full Scientific refereed Paper). 9th world congress in Genetic Applied to Livestock Production. 1-7/8/2010 Leipzig, Germany. Available on line.
19. **Khaleel Jawasreh**, Awawdeh, F. T., Zuhair Bani Ismail, Odeh Al-Rawashdeh, Ahmad Al- Majali. (2010). Normal Hematology and Selected Serum Biochemical Values in Different Genetic Lines of Awassi Ewes in Jordan. *The Internet Journal of Veterinary Medicine*. Volume 7 number 2.
20. **Khaleel I. Z. Jawasreh**; Faisal Awawdeh; Ibrahim Rawashdeh; Faiq Hejazeen and Miassar Al-Talib. (2009). The allele and genotype frequencies of Bovine pituitary Specific transcription factor and leptin genes in Jordanian Cattle population by using **PCR-RFLP**. *Australian Journal of Basic and Applied Sciences*, 3(3):1601-1606.
21. **Jawasreh, K. I. Z.**; Awawdeh, F.T.; Al-Khasawneh, A.Z; Shdaifat, B.; Al-Shboul, H. and Al-Hamed, B.(2009). The affect of some Placental Factors in Birth weight of Awassi Lambs. *Research Journal of Animal and Veterinary Sciences*, 4:5-8.

22. **Khaleel I. Z. Jawasreh;** Hijazi, J., Al-Nhood, A. Al-Shdaifat, M., Al-Hamed, B., and Al-Zyioud , H. (2009). The effect of high level of feeding in pre-puberty period in Awassi ewe's Productivity. The 13<sup>th</sup> scientific conference in Animal Nutrition/ Sharm Al-Shaikh Egypt.
23. Zuhair Bani Ismail, **Khaleel Jawasreh**, Ahmad Al- Majali. (2010). Effect of Xylazine-Ketamine-Diazepam anesthesia on certain clinical and arterial blood gas parameters in sheep and goats. *Comparative Clinical Pathology*, 19:11-14.
24. **Jawasreh et al. (2010)**. Genetic selection for milk production Preferred B allele of RsaI  $\beta$ -lactoglobuline gene genotypes in Awassi Sheep. The Hashemite University." Arid and semi Arid Regions and their sustainability for investment and development". In the 3<sup>rd</sup> Conference of Jordanian Society for Expanding and Developing Natural Resources 13-15 July 2010.
25. Zuhair Bani Ismail, **Khaleel Jawasreh**, Ahmad Al- Majali. (2010). Effects of Xylazine-Ketamine-Diazepam anesthesia on blood cell counts and plasma biochemical values in sheep and goats. *Comparative Clinical Pathology* (2010 available on line).
26. **Jawasreh et al (2010)**. The effect of limited pockets suckling regime in some productive traits of Awassi sheep. The Hashemite University." Arid and semi Arid Regions and their sustainability for investment and development". In the 3<sup>rd</sup> Conference of Jordanian Society for Expanding and Developing Natural Resources 13-15 July 2010.
27. E. Gootwine, A. Abdulkhaliq, **K.I.Z. Jawasreh** and A. Valle Zárate (2008). Screening for polymorphism at the piron protein (PrP) locus (PRNP) in Awassi and Assaf populations, IN the Palestinian Authority and Jordan. *Journal of Small Ruminant Research*. 77(2008)80-83.
28. AL-Majali, **Jawasreh, K.I**, Talafha, H.A Abdelsalam Q. Talafha. (2008). Neosporosis in sheep and different breeds of goats form southern Jordan: Prevalence and risk factors analysis. *American Journal of Animal and Veterinary Sciences*, 3 (2) 47-52.

29. Ahmad M.AL-Majali, **Khaleel Jawasreh** and Amer AL-Nsour.(2008). Epidemiological studies on foot and mouth disease and Para tuberculosis in Small Ruminant in Tafelah and Ma'an, Jordan. *Journal of Small Ruminant Research*, 78: 197-201.
30. **Jawasreh, K. I. Z.**, Al-Khasawneh.(2007). Genetic evaluation of milk production traits in Awassi sheep in Jordan. *Egyptian Journal of sheep and Goat Sciences* (2007) Vol2 (2):83-100.
31. **Jawasreh, K. I. Z.**, Al-Khasawneh.(2007). Studies on some economic Characteristic on Awassi Lambs in Jordan. *Egyptian Journal of sheep and Goat.* (2007) Vol2(2):101-110.
32. Kridli, R; **Jawasreh, K**; Sawalha, M. (2008). The use of melatonin and progestagen to advance puberty in Awassi ewe lambs. ICAR 2008 Posters.
33. F. S. Al-Barakeh; **K. I. Z. Jawasreh** and B. AL-Hamed. (2007). The nutritive value of fungal treated industrial and Agricultural by-products and its effect on Awassi sheep performance. *Journal of Nutrition and Feeds* Vol. 10 (2):585-597.
34. Herold, P., Gootwine, E., Abdulkahliq, A., **Jawasreh, K.** and Valle Zárata, A. (2007). Evaluation of the performance of Improved Awassi strains under a range of sheep farming systems in the Middle East. Proc. 6th Int. Seminar on Changes in Sheep and Goats Farming Systems at the beginning of the 21st Century, FAO-CIHEAM Network on Sheep and Goats Sub Network on Production Systems, Ponte de Lima, Portugal.
35. N. N. Al-Anbari and **K. I. Z. Jawasreh.** (2007). Genetic Resistance to Metritis In Friesian Cows. The first International Conference in Food Safety. 11-14/11/2007. Amman, Jordan.
36. **K. I. Z. Jawasreh**, F. T. Awawdeh , and N. Al-Habahebah. (2007). Additive and multiplicative adjustment factors for some growth traits in Awassi sheep. Deutschen Gesellschaft Fur Zuchtungskunde e. V. 26-27.September 2007. Hohenheim. Germany.

37. **K. I. Z. Jawasreh**, and N. N. Al-Anbari. (2007). Genetic parameters of California mastitis test (CMT) and some milk traits in Holsten. The Sixth Jordanian Agriculture Scientific Conference. April 2007. Amman, Jordan.
38. **K. I. Z. Jawasreh**. (2007). The role of Cytoplasmic Inheritance and maternal effect in some Growth traits in sheep. Egyptian Journal of Nutrition and Feeds Vol (10) 2.291-291.
39. B. Al-Hamed; A. Hamra and **K. I. Z. Jawasreh**. (2007). The effect of Bentonit and Zeolit Treatments in some Reproductive traits of Awassi Ram Lambs. Egyptian Journal of Nutrition and Feeds Vol. 10(2): 387-399.
40. **Jawasreh, K. I. Z.**, Albarakeh, F. S. and Awawdeh, F. T. (2006). Heritability estimates for some growth traits of Damascus kids in Jordan. The 1st International Conference 9-13 April 2006 Which Organized by FAO. (Recent advances in Goat Production under Arid Conditions. Cairo, Egypt.
41. **Jawasreh, K. I. Z.**, Al-Barakeh, F. S. and Awawdeh, F. T. and F. Al-Dabass. (2006). Restricted Selection Index for some growth traits of Awassi Sheep. The 8th World Congress in Genetic Applied to live stock Production. August 2006. Belo, Horizontal-Brazil.
42. **Jawasreh, K. I. Z.** and Al-Kass, J. E. (2006). Restricted Selection Index for some growth traits of Damascus kids. Regional Conference of International goat association international symposium on goat farming in central and eastern European countries: present and future 27-30, June 2006, Constanta, Romania.
43. Khasawneh, A. Z. **Jawasreh, K. I. Z.** Mirajuddin Syed and M. F. Khan. (2005). Path analysis and estimation of genetic and non-genetic parameters for some traits in Nili-Ravi Buffaloes. The 1st Economic Jordanian Conference 9-11 Aug. Al – Al -Bayt Univ. Al-Mafraq, Jordan, 2005.

44. Issa, I. A., Al-Cassey, A. A. and **Jawasreh, K. I. Z.** (2004). Estimation of some genetic parameters for some growth traits in Awassi sheep. *Iraqi Agri. J.*, 4:200-205.
45. **Jawasreh, K. I. Z.**, Al-S'oob, M. and Darwish, A. (2004). Estimation of some genetic and non-genetic parameters for some growth traits of Damascus goats in Jordan. *Derasat Agricultural Sciences*, (31) 3: 317-322.
46. Al-Kass J. E. and **Jawasreh, K. I. Z.** (2004). Genetic and non-genetic parameters for milk production of Damascus goat in Jordan. The First conference of Animal Production, Using New Techniques for Improving Anima Production Sector. 21- 23, Novembre 2004. Aleppo, Syria.
47. Issa, I. A., **Jawasreh, K. I. Z.** and Al-Anbari, N. N. (2003). Some factors affecting the incidence of retained placenta in Friesian cows. *Iraqi J. Agri. Sci.*, 34(3).
48. Al-Cassey, A. A., Issa, I. A. and **Jawasreh, K. I. Z.** (2001). Effect of some non genetic factors on birth weight of Jordanian Awassi lambs. *Iraqi J. Agri. Sci.*, 32(4):159-162.

#### **Scientific Books:**

- **Jawasreh, K. I. Z** and Al\_Anbari, N. N. (2007). *New Techniques in Sheep Breeding.*
- **Jawasreh, K. I. Z.**, Al-Shboul, H., Al-Hamed B. and Al-Barakeh, F. S.(2007) *Principals of Sheep and Goat Artificial Insemination.*

#### **Scientific Articles:**

- Baghdasar, G. A. and **Jawasreh, K. I. Z.** (2004). The Relationship between human Genome and biological weapons. *Journal of Agric. Eng.* 78:66-70.
- Jawasreh, K. I. Z.** (2005). Biological cloning (**Part 1**). *Journal of Agric. Eng.* 79:45-49.
- Jawasreh, K. I. Z.** (2005). Biological cloning (**Part 2**). *Journal of Agric. Eng.* 80:56-60.
- Jawasreh, K. I. Z.**, Ib rahem, M. F. and Amarin, N. (2006). The effect of some hormonal levels in Pre weaning mortality. *Journal of Agric.. Eng.* 81.

## Conferences:

1. I. I. Jawasreh., A. Yousef Abdullah, H.Talafha, H.Salah, F. Hijazeen (2014). Callipyge-Awassi Growth and Meat Characteristics in Comparison to the Pure Awassi. 2<sup>nd</sup> international Congress on Food Technology; November 05-07, 2014 Kusadasi/ Turkey Association of food Technology/Turkey & Ankara University.P407.
- 2 . Khaleel Jawasreh, Alaa Al-Qaisi and Bassam Shdaifat (2013). The gene and genotype frequencies of MspI, NcoI and HhaI Calpastatin gene expression sites in Awassi sheep. The 11<sup>th</sup> world conference on animal production. October 15-20,2013. Beijin, China.
3. Proceedings of the 15<sup>th</sup> AAAP Animal Science Congress, 26-30 November2012, Thammasat University, Rangsit Campus, Thailand.
4. The annual conferences of the German genetic Society (GFG) Germany 2011. 14-16 September 201 Wurzburg. Germany.
5. The 9th World Congress in Genetic Applied to live Stock Production (8WCGALP).August, 2010. Leipzig, Germany.
6. Deutschen Gesellschaft Fur Zuchtungskunde e. V. 26-27.September 2007. University of Hohenheim, Germany.
7. International Conference, Progress in Biogas, University of Hohenheim. Germany.
8. Work shop in Using Zplan Soft ware in Animal Breeding 27-28 September 2007 University of Hohenheim. Germany.
9. Egyptian Feeds and Nutrition Scientific Conference, 2007, 12-16/11/2007 Luxor, Egypt.
10. Regional Conference of International Goat Association International Symposium on Goat Farming in Central and Eastern European Countries: present and, future27-30, june2006, Constanta, Romania.

11. The first International Conference in Food Safety. 11-14/11/2007. Amman, Jordan.
12. The 8th World Congress in Genetic Applied to live Stock Production (8WCGALP). August, 2006. Belo, Horizontal- Brazil.
13. FAO-CIHEAM Network on Sheep and Goats Sub Network on Production Systems, 6th International Conference "Changes in Sheep and Goat Farming Systems at The Beginning of The 21st Century", Spain.
14. Using New Techniques for Improving Animal Production Sector. 21-23, November, 2004. Aleppo, Syria.
15. The 1<sup>st</sup> Economic Jordanian Conference, 9-11 Aug. Al – Al -Bayt Univ. Al-Mafraq, Jordan, 2005.
16. The 1st International Conference on Enhancement Small Ruminants Production 7-9 Feb. 2006. Cairo Egypt.
17. The 1st International Conference 9-13 April 2006 Which Organized by FAO. (Recent advances in Goat Production under Arid Conditions. Cairo. Egypt.
18. Meeting of animal production directors of the Arab world 4-6/11/2006. Al-Khartoum. Al-Sudan.
19. The Sixth Jordanian Agriculture Scientific Conference.(2007). Safe Agriculture to Human Health and Environment. April, 2007. Amman, Jordan.
20. Jawasreh et al.(2010). The effect of thermal manipulation during Embryogenesis of broiler chicks on thyroid hormones and blood parameters in Post hatch chicks. J. Vet Anat.(3) 1.83-84.

### **Papers in Progress:**

- Khaleel Jawasreh et al. (2010). Genetic Relatedness among Jordanian Awassi sheep Using PCR- RAPD. Prepared for submitting.
- Khaleel Jawasreh; Adnan Al-Nehod Mohammad Issa and Bassman Al-Hamed (2010). The effect of Crossing on the productivity of Local chickens. Under preparation.

- Khaleel Jawasreh et al (2010). The effect of intensive selection based on milk production traits on reproductive performance of Awassi sheep. Under preparation.
- Khaleel Jawasreh et al (2010). The effect of thermal Manipulation Through embryogenesis on Growth and Muscle gene expression of Broilers. Under preparation.