

Curriculum vitae

Full name: Hossein Daghigh Kia
Scientific Position: Professor
Department/Unit: Department of Animal Science, Faculty of Agriculture,
University of Tabriz
Campus address: 29 Bahman Boulevard, University of Tabriz,
5166614766, Tabriz, Iran
Phone / Fax: +98-41-33392062 / +98-41-33365400
E-Mail: daghighkia@tabrizu.ac.ir / hdk6955@gmail.com
Personal Page: <http://asatid.tabrizu.ac.ir/en/pages/default.aspx?h.daghighkia>



Educations

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
2007	Ph.D.	Bonn University (Bonn, Germany)
1997	M.Sc.	University of Tarbiat Modaress (Tehran, Iran)
1993	B.Sc.	University of Tabriz (Tabriz, Iran)

Thesis

Master of Science

PhD program

Dissertation title

Effects of long-term administration of Triiodothyronine hormone on milk production in Sarabi dairy cows

Identification of SNPs for preimplantation active genes and their association with embryo development and male fertility in cattle

Honors and Awards

Scholarship, 2004, University of Tabriz

Top Researcher award, 2014, University of Tabriz

Research Interests

Molecular Genetics, Flushing, Reproductive physiology, Sperm Cryopreservation

Teaching Experience

Animal Reproduction, Endocrinology, Physiology of milk production, Molecular genetics

Academic employment

2016 Professor, Department of Animal Science, University of Tabriz
2013-2016 Associate Professor, Department of Animal Science, University of Tabriz
2008-2012 Assistant Professor, Department of Animal Science, University of Tabriz
2004-2007 PhD scholarship, University of Bonn
1998-2003 Lectureship, Department of Animal Science, University of Tabriz

Executive experience-- Administration

Head of Department of Animal Science, Faculty of Agriculture, University of Tabriz, 2013-2014.

Refereed papers in National and international Journals

Selected Paper in English

- Najafi A., **Daghigh Kia H.**, Vaseghi Dodaran H., Mehdipour M. and Alvarez-Rodriguez M. (2016) "Ethylene glycol, but not DMSO, could replace glycerol inclusion in soybean lecithin-based extenders in ram sperm cryopreservation" *Animal Reproduction Science*, 177: 35-41.
- Safa S., Moghaddam Gh., Jafari Jozani R., **Daghigh Kia H.** and Janmohammadi H. (2016) "Effect of vitamin E and selenium nanoparticles on post-thaw variables and oxidative status of rooster semen" *Animal Reproduction Science*, 174: 100-106.
- Mehdipour M., **Daghigh Kia H.**, Najafi A., Vaseghi H. and García-Álvarez O. (2016) "Effect of Green tea (*Camellia sinensis*) extract and pre-freezing equilibration time on the post-thawing quality of ram semen cryopreserved in a soybean lecithin-based extender" *Cryobiology*, 73: 297-303.
- Daghigh Kia H.**, Farhadi R., Ashrafi I. and Mehdipour M. (2016) "Anti-oxidative effects of ethanol extract of *Origanum vulgare* on kinetics, microscopic and oxidative parameters of cryopreserved Holstein bull spermatozoa" *Iranian Journal of Applied Animal Science*, 6(4): 783-789.
- Daghigh Kia H.**, Ahmad Fazel A. and Hossein Khani A. (2016) "Different sources of protein effect in the flushing rations on some blood parameters and the reproductive performance of *Ghezel* sheep" *Iranian Journal of Applied Animal Science*, 6(3): 629-638.
- Moghaddam G., Pourseif M.M., Omid Y., **Daghigh Kia H.**, Nematollahi A., Jafari-Jozani R., Barzegari A. and Dehghani J. (2016) "Preliminary immunoinformatics research for prediction the most immunogenic linear and conformational B-cell epitopes of 14-3-3 antigen in *echinococcus granulosus*" *International Journal of Infectious Diseases*, 45 (Supplement 1): 422-423.
- Daghigh Kia H.** and Asgari Safdar A.H. (2015) "Effects of Calcium Salts of Fatty Acids (CSFA) with different profiles (ω_3 and ω_6) during the flushing period on reproductive performance of Afshari ewes" *Small Ruminant Research*, 126: 1-8.
- Daghigh Kia H.**, Olfati Karaji R., Ashrafi I. and A. Hosseinkhani (2014) "Effect of rosemary (*Rosmarinus officinalis*) extracts and glutathione antioxidants on bull semen quality after cryopreservation" *Spanish Journal of Agricultural Research*, 12(1): 98-105.
- Mohammadi A., Alijani S., **Daghigh Kia H.** (2014) "Comparison of different polynomial functions in Random Regression Model for milk production traits of Iranian Holstein dairy cattle". *Annals of Animal Science*, 14(1): 55-68.
- Olfati Karaji R., **Daghigh Kia H.** and Ashrafi I. (2014) "Effects of in combination antioxidant supplementation on microscopic and oxidative parameters of freeze-thaw bull sperm" *Cell and Tissue Banking*, 15(3): 461-470.
- Najafi A., **Daghigh Kia H.**, Mohammadi H., Najafi MH., Zanganeh Z., Sharafi M., Martinez-Pastor F. and Adeldust H. (2014) "Different concentrations of cysteamine and ergothioneine improve microscopic and oxidative parameters in ram semen frozen with a soybean lecithin extender" *Cryobiology*, 69(1): 68-73.

Karimi H., **Daghigh Kia H.**, Hosseinkhani A. (2014) "Histological effects of different levels of sorghum grain on the liver and kidney of Ghezel×Arkhar-Merino crossbred lambs" *Animal and Veterinary Sciences*, 2(4): 130-134.

Cheraghi Saray S., Hosseinkhani A., Janmohammadi H., Zare P. and **Daghigh Kia H.** (2014) "Thermal and probiotic treatment effects on restaurant waste for incorporation into poultry diet" *International Journal of Recycling of Organic Waste in Agriculture*, 3(3): 217-223.

Olfati A., Moghaddam GH., **Daghigh Kia H.** and Karami Shabankareh H. (2013) "Effects of prostaglandin F2 α treatment on semen characteristics of crossbred rams in the non-breeding season" *Journal of Cell and Animal Biology*, 7(2): 16-20.

Pourseif MM., Moghaddam Gh., Rafat SA., **Daghigh Kia H.** and Pourseif A. (2013) "Photoperiod as a factor for studying fluctuations of seminal traits in rams during breeding and non-breeding season" *Journal of Veterinary Medicine and Animal Health*, 5(6): 149-158.

Cheraghi Saray, S., Hosseinkhani, A., Janmohammadi, H., Zare, P. **Daghigh Kia, H.** (2013) "The effect of bacterial processing of restaurant waste on chemical composition and metabolizable energy in broiler chickens". *International Journal of Agriculture: Research and Review*. 3(3): 660-667.

Yousefi Zonuz A., Alijani S., Rafat S.A., Abbasi M.A., **Daghigh Kia H.** (2013) "Estimation of maternal effects on the North-Iranian native chicken traits using Bayesian and REML methods" *Slovak Journal of Animal Science*; 46 (2): 52-60.

Yousefi Zonuz A., Alijani S., Mohammadi H., Rafat A. and **Daghigh Kia H.** (2013) "Estimation of genetic parameters for productive and reproductive traits in Esfahan native chickens" *Journal of Livestock Science and Technologies*, 1(1): 36-40.

Daghigh Kia H., Mohamadi Chapdareh W., Hossein Khani A., Moghaddam G., Rashidi A., Sadri H. and Alijani S. (2012) "Effects of flushing and hormonal treatment on reproductive performance of Iranian Markhoz goats", *Journal of Animal Physiology and Animal Nutrition*, 96(6): 1157–1164.

Alijani S., Jasouri M., Pirany N. and **Daghigh Kia H.** (2012) "Estimation of variance components for some production traits of Iranian Holstein dairy cattle using Bayesian and AI-REML methods" *Pakistan Veterinary Journal*, 32 (4): 562-566.

Moghaddam Gh., Olfati A., **Daghigh Kia H.** and Rafat SA. (2012) "Study of Reproductive Performance of Crossbred Ewes Treated with GnRH and PMSG during Breeding Season" *Iranian Journal of Applied Animal Science*, 2(4): 351-356.

Mohamadi W., **Daghigh Kia H.**, Hossein Khani A. and Alijani S. (2011) "Effect of Male Goat Pheromone on Feeding Behavior of Female Markhoz Goat in Breeding Season", *Pakistan Veterinary Journal*, 31(4): 327-330.

Selected Paper in Persian

Ahmadzadeh Gavahan L., Hosseinkhani A., Saedi S., **Daghigh Kia H.**, Dadashi M. and Jafarzadeh J. (2016) "Study of Blood Metabolites Changes of Purebred Ghezel and Crossbred Arkhar Merinos × Ghezel Ewes during Late Pregnancy" *Iranian Journal of Animal Science Research*, 8(2): 392-402 (Text in Persian).

Daghigh Kia H., Badragheh H., Moghaddam Gh., Alijani S. and Najafi A. (2016) "Effect of an increase the somatic cells on milk composition amount in dairy cows" *Journal of Ruminant Research* 4(1): 147-171 (Text in Persian).

Saedi S., **Daghigh Kia H.**, Hossein Khani A. and Moghaddam G. (2016) "The effect of organic and inorganic selenium supplementation with vitamin E to improve the estrus characteristics of Ghezel ewes CIDR used" *Animal Science Researches*, 26(1): 15-25. (Text in Persian).

Ranjbar M., Alijani S., Mirghelenj S.A. and **Daghighkia H.** (2016) "Estimation of genetic and phenotypic parameters for internal egg quality traits of Azerbaijan native chickens" *Animal Science Researches*, 25(4): 117-128. (Text in Persian).

Ranjbar M., Alijani S., Mirghelenj S.A. and **Daghighkia H.** (2016) "Evaluation of maternal effects and detecting major genes affecting internal egg quality traits of Azerbaijan native chickens" *Animal Science Researches*, 26(2): 15-22. (Text in Persian).

Saedi S., **Daghigh Kia H.**, Ahmadzadeh L. and Hossein Khani A. (2016) "Effect of monensin, yeast, selenoprotein and sodium selenite supplementation in flushing period, on the lamb sexuality in Ghezel ewes" *Journal of Veterinary Clinical Pathology*, 10(2): 1-10. (Text in Persian).

Saedi S., **Daghigh Kia H.**, Jafarzadeh J., Hossein Khani A., Ahmadzadeh Ghavahan L., and Alijani S (2016) "The survey of placenta traits and its effect on survival, birth weight and average daily gain of lambs in Ghezel sheep" *Animal Science Researches*, 25(4): 81-92. (Text in Persian).

Ahmad Fazel A., **Daghigh Kia H.**, Mohammadzadeh H. and Hosseinkhani A. (2016) "Effect of application of fresh tomato pomace on growth performance and blood metabolites of Holstein male calves" *Animal Science Researches*, 26(2): 35-45. (Text in Persian).

Razavian S., **Daghigh Kia H.**, Najafi A. and Vaseghi Dodran H. (2016) "Effect of Rosa canina extract on microscopic, biochemical parameters and seminal plasma enzymes after freeze- thawing process" *Iranian Journal of Animal Science Research*, in Press. (Text in Persian).

Razavian S., **Daghigh Kia H.**, Moghaddam Gh. And Alijani S. (2016) "The effect of adding Ascorbic acid on sperm quality, lipid peroxidation and antioxidant enzyme activities of ram seminal plasma in outside of breeding season" *Iranian Journal of Animal Science Research*, 8(3): 530-540 (Text in Persian).

Daghigh Kia H., Zare Ghaleh Jigh F., Najafi A. and Vaseghi Dodran H. (2016) "Effect of Cornus mas extract in semen extender on ram semen quality after freeze-thawing process" *Journal of Animal Production*, in Press. (Text in Persian).

Zareh Ghaleh Jig F., **Daghigh Kia H.**, Moghaddam Gh. Alijani S. (2016) "Effect of adding Butylated hydroxytoluene as a synthetic antioxidant on freezing/thawing process of ram semen" *Journal of Animal Production*, 26(3): 37-47 (Text in Persian).

Ranghraz Tavakoli1 H., Moghaddam Gh., **Daghigh Kia H.** and Rafat S.A. (2016) "The effect of hCG injection on serum and seminal plasma testosterone in *Ghezel* ram" *Animal Science Researches*, 26(2): 133-139. (Text in Persian).

Farhadi R., **Daghigh Kia H.**, Hosseinkhani A. Ghasemi Panahi B., Dehghan Gh., and Ashrafi I. (2015) "Effect of Origanum vulgare ethanol extract on quality parameters and malondialdehyde concentration of cryopreserved Holstein bull sperm" *Animal Science Researches*, 25(1): 1-11. (Text in Persian)

Shahbazzadeh R., **Daghigh Kia H.**, Moghaddam Gh., Dehghan Gh., Hosseinkhani A. and Ashrafi I. (2015) "Effect of different levels of Satureja sahendica alcoholic extract on the quality of freeze-thawed Holstein bull spermatozoa" *Animal Science Researches*, 25(1): 13-24. (Text in Persian)

Daghigh Kia H., Shahbazzadeh R. and Ashrafi I (2015) "Antioxidant effect of Macrantha Satureja extraction on microscopic and biochemical parameters of bull sperm after freeze-thawing process" *Animal Science Journal (Pajouhesh & Sazandegi)*, 108: 101-112 (Text in Persian).

Farhadi R., **Daghigh Kia H.** and Ashrafi I (2015) "The effect of Saliva Sahandica ethanolic extract as natural antioxidant on quality parameters of cryopreserved Holstein bull sperm" *Research on Animal Production*, 6(12): 79-86. (Text in Persian).

Dolati Doorbash P., Moghaddam Gh., **Daghigh Kia H.**, Taghizadeh A. and Rafat S.A. (2015) "The effect of adding different raffinose concentrations in the diluents in semen cryopreservation of different breeds of ram at the reproductive season" *Animal Science Researches*, 25(2): 121-132. (Text in Persian).

Vajdi Hokm Abad S., Alijani S., **Daghigh Kia H.**, Zali H., Khoda Karim S. and Bigdeli Pashaie M. (2015) "Bioinformatics analysis of E.coli causing mastitis in Holstein dairy cattle by using microarray data" *Koomesh*, 17(1): 215-223. (Text in Persian).

Sarvari S., Hosseinkhani A., Taghizadeh A., Janmohammadi H., **Daghigh kia H.** and Mohammadzadeh H. (2015) "The effects of variety and time of roasting on chemical composition and estimate fermentation and physical parameters of barley grain using invitro gas production technique" *Animal Science Researches*, 25(3): 1-12. (Text in Persian).

Cheraghi H., Parsaeimehr Kh., Hosseinkhani A., Alijani S. and **Daghigh kia H.** (2015) " Effect of three methods of estrus synchronization: Osynch, Co-Synch and prostaglandin on the fertility of subfertile dairy cows" *Veterinary Clinical Pathology*, 8(32): 631-637. (Text in Persian).

Asgari M., Alijani S., Javanmard A. and **Daghigh Kia H.** (2015) Study on association of leptin and growth hormone receptor genes polymorphisms with semen quality of Holstein bulls" *Journal of Ruminant Research*, 3(3): 169-184. (Text in Persian).

Yazdankhah E., Hosseinkhani A., **Daghigh kia H.**, Sadri H. and Vakili SA. (2014) "Effect of Ration Composition on Gene Expression of Some Metabolism Contributing Hepatic Enzymes in Fattening Lambs" *Animal Science Researches*, 24(1): 165-175. (Text in Persian)

Soltanpour F., Moghaddam Gh., **Daghigh Kia H.** and Rafat A. (2014) "Evaluation of Ghezel- Merino, Merino- Moghani ram semen characteristics in breeding and non-breeding seasons" *Animal Science Researches*, 24(3): 31-41. (Text in Persian)

Daghigh Kia H., Mohammadi Chapdareh W. and Hossein Khani A. (2014) "Effects of using different oil sources in flushing ration and their relationship with some reproductive traits of Markhoz goat" *Animal Science Researches*, 24(2): 171-183. (Text in Persian)

Mortazavi A., Alijani S., Rafat A. and **Daghigh Kia H.** (2014) " Comparison of threshold models for estimation of genetic parameters of litter size in Makuie sheep" Journal of Livestock Research, 2(2): 47-53. (Text in Persian)

Shahri L., Alijani S., Jonmohammadi H., **Daghigh Kia H.**, Bostanchi P. and Alizadeh S. (2014) "Estimation of genetic and phenotypic parameters for internal egg quality traits of Azerbaijan's native chickens" Journal of Livestock Research, 3(1): 49-55. (Text in Persian)

Moghaddam Gh., Ziai E., Rafat A., **Daghigh Kia H.** and Pourseif M.M. (2013) " Evaluation of estrogen, insulin and some blood metabolites of dairy cows on the incidence of ovarian cysts in the Dasht Azar Negin farm" Animal Science Researches, 22(4): 185-194. (Text in Persian)

Hosseinkhani A., Moradi M., **Daghigh Kia H.**, Alijani S. and Taghizadeh A. (2013). "Using restaurant waste in finishing rations of lambs: Eating behavior and rumen health". Journal of Ruminant Research, 1(2): 1-16. (Text in Persian)

Daghigh Kia H., Asgari A.H. and Hosseinkhani A. (2013) "The study of male effect on the incidence of estrus and feeding behavior of Afshari ewes" Animal Science Researches, 23(3): 59-67. (Text in Persian)

Moradi M., Hosseinkhani A., Taghizadeh A., Alijani S. and **Daghigh Kia H.** (2013) "Replacement of Dietary Barley Grain by Different Levels of Restaurant Waste and Its Effect on Hybrid Lambs Performance" Iranian Journal of Animal Science Research, 5(1): 29-38. (Text in Persian)

Olfati Karaji R., **Daghigh Kia H.**, Moghaddam G., Hosseinkhani A. and Alijani S. (2013) "The effect of different levels of glutathione and superoxide dismutase on some characteristics of bull spermatozoa after freezing" Journal of Livestock Research, 1(4): 1-7. (Text in Persian)

Daghighkia H. and Olfati Karaji R. (2013) " Effect of antioxidants on intracellular enzymes and the sperm membrane lipid peroxidation in bull semen freezing extender of Holstein and Simmental breeds" Journal of Livestock Research, 2(2): 11-18. (Text in Persian)

Cheraghi Saray S., Hosseinkhani A., Janmohammadi H., Zare P. and **Daghigh Kia H.** (2013) " Determination of the most optimum level of using different Lactobacillus strains and its effect on the amount of restaurant waste nutrients" Journal of Livestock Research, 2(1): 21-29. (Text in Persian)

Azadi Kohnehshahri V., Moghaddam Gh., Pirany N. and **Daghigh Kia H.** (2013) "The relationship between some blood elements and metabolites with repeat breeding in dairy cows at Azarnegin dairy farm" Animal Science Researches, 23(3): 101-112. (Text in Persian)

Daghigh Kia H. and Mohammadi W. (2012) "Effects of male on reproductive behavior of markhoz female goats in breeding season" Iranian Journal of Animal Science Research, 4(2): 175-181. (Text in Persian)

Daghigh Kia H., Aslani Kordkandi Gh., Moghaddam Gh., Alijani S. and Hosseinkhani A. (2012) "The effect of flaxseed and soybean on the diet of flushing of reproductive performance of Moghani sheep out of the breeding season" Animal Science Researches, 22(3): 173-184. (Text in Persian)

Jasouri M., Alijani S., Pirani N., Shodja J., Pourtahmasebian M., **Daghigh Kia H.**, Yousefi A., Jafarzadeh R. and Karimi M. (2012) "Estimation of genetic parameters of some important economical traits in Mazandarani native chicken" Animal Science Researches, 22(4): 163-172. (Text in Persian)

Moradi M., Hosseinkhani A., Alijani S. and **Daghigh Kia H.** (2012). "Determination of the digestibility and degradation of restaurant waste using in vivo, nylon bags and gas production techniques". *Animal Production Research*, 1(3): 49-59. (Text in Persian)

Khani M., **Daghigh Kia H.**, Zare-Shahneh A. and Alijani S. (2012) "Effect of Retinoic acid on in vitro maturation of ovine immature oocytes containing cumulus cells" *Research on Animal Production*, 2(3): 49-58. (Text in Persian)

Hoseinkhani A., Taghizadeh A., **Daghigh Kia H.**, Rostami Barooj A. and Alijani S. (2012) "The effect of different levels of dietary sorghum grain in finishing Ghezel×Arkhar-Merino crossbred lambs on performances and carcass characteristic" *Animal Science Researches*, 22(1): 23-36. (Text in Persian)

Ghashami M., Moghaddam Gh., **Daghigh Kia H.**, Raffat A. and Taghizadeh A. (2012) "Effect of three methods of estrus synchronization :ovsynch, CIDR+ovsynch and presynch+ovsynch on the fertility of dairy cows" *Animal Science Researches*, 22(2): 69-79. (Text in Persian)

Daghigh Kia H. and Rahbar B. (2012) "Effect of fat supplementation in flushing diets on reproductive performance, blood metabolites and hormones in Ghezel breed ewes" *Animal Science Researches*, 22(2): 147-160. (Text in Persian)

Moghaddam Gh., **Daghigh Kia H.**, Tajik P. and Yasan P. (2003) "The study of reproductive failures in dairy cattle by metabolic profile test" *Journal of Veterinary Research*, 58(2): 181-186. (Text in Persian)

Papers Presented in International Conferences

Safa S., Moghaddam GH., Jafarijzani R., **Daghigh Kia H.** and Janmohammadia H. (2016) "The Effect of Vitamin E and Selenium Nanoparticles on Post-Thaw Quality of Rooster Semen" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. *International Journal of Fertility & Sterility*, pp. 27-28.

Razavian S, **Daghigh Kia H.**, Vaseghi-Dodaran H, Najafi A. (2016) "The effect of Rosa Canina extract on motility parameters and malondialdehyde concentration on ram semen after the freeze-thawing process" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. *International Journal of Fertility & Sterility*, pp. 45.

Bolooki Z, **Daghigh Kia H.**, Najafi A, Vaseghi-Dodaran H. (2016) "Effect of coenzyme Q10 supplementation on sperm motility, oxidative stress index and plasma membrane integrity of ram semen" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. *International Journal of Fertility & Sterility*, pp. 51.

Bolooki Z, **Daghigh Kia H.**, Najafi A, Vaseghi-Dodaran H. (2016) "Effect of Co-Q10 on Total Antioxidant Capacity and Enzymatic Antioxidants of Ram Semen" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. *International Journal of Fertility & Sterility*, pp. 51.

Mehdipour M., **Daghigh Kia H.**, Najafi A., Vaseghi-Dodran H. (2016) "The Effect of Green Tea Extract in Soybean Lecithin-Based Semen Extender on Prevention of Apoptosis after Post-Thawed of Ram Sperm" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. *International Journal of Fertility & Sterility*, pp. 53.

Razavian S., **Daghigh Kia H**, Vaseghi-Dodaran H., Najafi A. (2016) "Antioxidant effect of ascorbic acid on freezability of ram semen after freeze-thawing process" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. International Journal of Fertility & Sterility, pp. 54.

Safa S, Moghaddam GH, Jafarijzani R, **Daghigh Kia H**, Janmohammadi H (2016) "Effect of Vitamin E and Selenium Nanoparticles on Post-Thaw Oxidative Status of Rooster Semen" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. International Journal of Fertility & Sterility, pp. 55.

Vaseghi-Dodaran H, **Daghigh Kia H**, Najafi A, Mehdipour M (2016) "The Effect of Antioxidant Combinations on In Vitro Semen Quality in Ghezel Rams" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. International Journal of Fertility & Sterility, pp. 49.

Vaseghi-Dodaran H, **Daghigh Kia H** (2016) "Mitochondria-Targeted Antioxidants as A New Approach in Improvement Post-Thaw Sperm Quality" 17th Congress on Reproductive Biomedicine, 31 August- 2September, Tehran, Iran. International Journal of Fertility & Sterility, pp. 49.

Safa S., Moghaddam Gh., **Daghigh Kia H.**, Janmohammadi H., Meroei Milan T. and Bakhshayesh Khiabani A. (2016) "The effects of nano selenium on roosters post-thawed sperm quality in modified beltsville extender" The 2nd International Congress on Reproduction (ISERB), 18-20 May, Tehran, Iran, Pp.159-160.

Vaseghi-Dodaran H., Atshan M. and **Daghigh Kia H** (2015) "The role of Assisted Reproductive Technologies for the maintenance of genetic diversity in threatened species" International congress on Reproduction- ISERB, 23-25 May, Tehran, Pp. 243.

Vaseghi-Dodaran H., Zhandi M., **Daghigh Kia H.** and Sobhani A. (2015) "Dose stress always has a negative effect on sperm cell?" 6th Yazd international congress and student award in Reproductive Medicine" Iranian Journal of Reproductive Medicine, 13(4) (Suppl. 1) Pp. 51-52.

Vaseghi-Dodaran H., **Daghigh Kia H.**, Atshan M., Jafari S. and Sobhani A. (2015) "Molecular studying of sperm surface proteins and their cellular functions" 6th Yazd international congress and student award in Reproductive Medicine" Iranian Journal of Reproductive Medicine, 13(4) (Suppl. 1) Pp. 70-71.

Vaseghi-Dodaran H., **Daghigh Kia H.**, Atshan M., Sobhani A. and Sobhani AGH. (2015) "DNA fragmentation in mammalian spermatozoa and its relationship with male infertility" 6th Yazd international congress and student award in Reproductive Medicine" Iranian Journal of Reproductive Medicine, 13(4) (Suppl. 1) Pp. 82.

Daghigh Kia H., Saeidi S. and Hossein Khani A (2015) "Effect of selenium with vitamin E on reproductive hormones and performance of Ghezel ewe" 66th annual meeting of EAAP, Warsaw, Poland, Pp. 531.

Daghigh Kia H., Farhadi R., Hossein Khani A. and Ashrafi I (2015) "Effect of Origanum vulgare extract on kinetics and viability of cryopreserved Holstein semen" 66th annual meeting of EAAP, Warsaw, Poland, Pp. 535.

Hossein Khani A., Ahmadzadeh L. and **Daghigh Kia H.** (2015) "Effect of monensin sodium and Sacchromyces cerevisiae on reproduction performance of Ghezel ewes" 66th annual meeting of EAAP, Warsaw, Poland, Pp. 537.

Qasemi-Panahi B., Moghaddam Gh., Rafat SA., **Daghigh Kia H.**, Movahedin M., Hadavi R. (2015) "Effect of IGF-I on Ovine oocytes maturation and Subsequent Embryo Development Following In vitro fertilization (IVF)" World academy of Science, Engineering and Technology Transactions on Animal and Veterinary Sciences, 3(10): 1.

Daghigh Kia H., Shahbazzadeh R., Ashrafi I., Ghafari I. and Hosseinkhani A. (2014) "Effects of different levels of satureja macrantha extract on microscopic parameters of frozen-thawed Holstein bull sperm" 30th Annual Meeting AETE, Dresden, Germany, 12th –13th September, Pp. 94.

Daghigh Kia H., Shahbazzadeh R., Ashrafi I., Hosseinkhani A. and Ghafari I. (2014) "Protective Effect of Satureja Sahendica Extract on Holstein Bull Sperm Motility Parameters After Freeze-Thawing Process" 16th AAAP Animal Science Congress, 10-14 November, Gadjah Mada University, Yogyakarta, Indonesia, Pp. 1146-1149.

Daghigh Kia H., Farhadi R., Dehghan G. and Ashrafi I. (2014) "Effect of salvia Sahendica ethanol Extract on Microscopic and Lipid Peroxidation Parameters of Freeze-Thawed Holstein Bull Sperm" 16th AAAP Animal Science Congress, 10-14 November, Gadjah Mada University, Yogyakarta, Indonesia, Pp. 1431-1434 .

Shahbazzadeh R., **Daghigh Kia H.**, Dehghan G., Ashrafi I., Ghafari I. and Hosseinkhani A. (2014) "Effects of Different Levels of Satureja Macrantha Extract on Microscopic Parameters of Frozen-Thawed Holstein Bull Sperm" 16th AAAP Animal Science Congress, 10-14 November, Gadjah Mada University, Yogyakarta, Indonesia, Pp. 2378-2380.

Hosseinkhani A., Askari A.H., **Daghigh Kia H.** (2014) "The effect of calcium salt of fatty acids with different profiles during the flushing period on reproductive performance of iranian afshari ewes" 30th Annual Meeting AETE, Dresden, Germany, 12th –13th September, Pp 112.

Karimi H., **Daghigh Kia H.** and Hossein khani A. (2014) "Effects of Different Levels of Sorghum Grain on Duodenum of Ghezel×Arkhar-Merino Crossbred Lambs" 16th AAAP Animal Science Congress, 10-14 November, Gadjah Mada University, Yogyakarta, Indonesia, Pp. 473- 477.

Ranjbar M., Alijani S., Mirghelenj and **Daghigh Kia H.** (2014) "Estimation of genetic and phenotypic parameters for internal egg quality traits of Azerbaijan native chickens" PSA Annual Meeting, Texas A&M University, USA, 14-17 July, Pp. 107.

Ranjbar M., Alijani S., Mirghelenj and **Daghigh Kia H.** (2014) "Evaluation of maternal effects and detecting major genes in internal egg quality traits of Azerbaijan native chickens" PSA Annual Meeting, Texas A&M University, USA, 14-17 July, Pp. 107.

Daghigh Kia H., Khani M., Hossein Khani A. and Alijani S. (2013) "Effect of retinoic acid on in vitro maturation of ovine immature oocytes containing cumulus cells" 29th annual meeting AETE, Istanbul, Turkey, 6–7 September, Pp. 118.

Daghigh Kia H., Karimi H., Taghizadeh A. and Hosseinkhani A. (2012) "The Effects of Graded Levels of Dietary Tannin on the Abomasums of the Ghezel × Arkhar-Merino Crossbred Lambs" 15th AAAP Animal Science Congress 26-30 November, Thammasat University, Bangkok, Thailand, Pp. 3705-3709.

Daghigh kia H., Aslani Gh., Moghadam Gh., HosseinKhani A. and Alijani S. (2012) "Oilseeds Supplementation in Flushing Diets of Moghani Ewes and their Effects on some Reproductive Related

Hormones and Metabolites" 15th AAAP Animal Science Congress 26-30 November, Thammasat University, Bangkok, Thailand, Pp. 3728-3733.

Daghigh kia H., Aslani Gh., Moghadam Gh., Hosseinkhani A. and Alijani S. (2012) "Oilseeds Supplementation in Flushing Diets of Moghani Ewes and their Effects on some Reproductive Related Hormones and Metabolites" 15th AAAP Animal Science Congress 26-30 November, Thammasat University, Bangkok, Thailand, Pp. 3728-3733.

Daghigh Kia H., Karimi H. and Hosseinkhani A. (2012) "Effects of Different Levels of Sorghum Grain on the Liver of Ghezel × Arkhar-Merino Crossbred Lambs" 15th AAAP Animal Science Congress 26-30 November, Thammasat University, Bangkok, Thailand, Pp. 3764-3767.

Daghigh Kia H., Olfati Karaji R., Alijani S. and Ghafari I. (2012) "Comparison of Rosemary (*Rosmarinus officinalis*) Extracts and Reduced Glutathione on Bull Semen Quality after Cryopreservation Process" 15th AAAP Animal Science Congress 26-30 November, Thammasat University, Bangkok, Thailand, Pp. 375-379.

Hosseinkhani A., Moradi M., **Daghighkia H.** and Alijani S. (2012) "Using Restaurant Waste in Finishing Rations of Lambs: Eating Behavior Regarding to Ration and Rumen Health" 15th AAAP Animal Science Congress 26-30 November, Thammasat University, Bangkok, Thailand, Pp. 1643-1647.

Karimi H., **Daghigh kia H.**, Taghizadeh A. and Hosseinkhani A. (2012) "Effects of Different Levels of Sorghum Grain on the Kidney of Ghezel × Arkhar-Merino Crossbred Lambs" 15th AAAP Animal Science Congress 26-30 November, Thammasat University, Bangkok, Thailand, Pp.1648-1654.

Pirany N., Hosseinpour S., Moghaddam Gh. and **Daghigh Kia H.** (2012) "Polymorphism of IGFBP-3 Gene and Its Relation with Some of Productive Traits in Holstein Cows Using PCR-RFLP" 15th AAAP Animal Science Congress 26-30 November, Thammasat University, Bangkok, Thailand, Pp. 2034-2037.

Moghaddam G., Azadi Kohneh Shahri V., Pirany N. and **Daghigh Kia H.** (2012) "The relationship between some blood elements and metabolites with repeat in dairy cows at Azarnegin dairy farm" XXVII world buiatrics congress Lisbon Portugal.

Daghigh Kia H., Mohammadi Chapdareh W., Moghaddam G., Hosseinkhani A., Rashidi A. and Alijani S. (2011) "Effects of hormonal and flushing treatments on the hormonal changes and kidding rate of Markhoz goat" 7th International congress on farm animal endocrinology, Pp. 40, Bern, Switzerland, August 24-26.

Hosseinkhani A., Mohammadi Chapdareh W., Moghaddam G., Rashidi A., Alijani S. and **Daghigh Kia H.** (2011) "The relationship between blood metabolites and hormones with kidding rate of markhoz goats" 7th International congress on farm animal endocrinology, Pp.88, Bern, Switzerland, August 24-26.

Daghigh kia H., Rahbar B., Hosseinkhani A., Alijani S. and Sadri H. (2011) "Influence of nutritional flushing with different sources of vegetable oil on metabolic and hormonal responses in Ghezel ewes" 7th International congress on farm animal endocrinology, Pp.81, Bern, Switzerland, August 24-26.

Moghaddam Gh., Zeaei E., **Daghigh Kia H.**, and Rafat A. (2010) "Evaluation of some serum metabolites: their effect on ovarian cysts in dairy cattle postpartum" 14th international conference on production diseases in farm animals, pages: 89-90, De Aula-Ghent university, Ghent, Belgium. 20-24 June.

Moghaddam Gh., Zeaei E., **Daghigh Kia H.**, Rafat A. (2010) "Evaluation of some blood metabolites and hormonal changes in early postpartum ovarian cyst in dairy cattle" XVIII Fe. Me.S.P. Rum., pages: 166-168, Durres, Albania, 26-29 May.

Daghigh Kia H., Ziaee E., Moghaddam G. and Rafat A. (2010) "Effects of milk production and seasonal calving on some blood metabolite changes in dairy cows at postpartum period" 14th Asian-Australasian Association of Animal Production Societies (AAAP), pages: 1026-1028, Pingtung, Taiwan, ROC, August 23rd-27th.

Daghigh Kia H., Taghizadeh A., Hosseinkhani A., Rostami A. and Alijani S. (2010) "Effects of replacement barley with different levels of sorghum grain in finishing Ghezel×Arkhar-Merino crossbred lambs diets on blood metabolites" 14th Asian-Australasian Association of Animal Production Societies (AAAP), pages: 1555-1557, Pingtung, Taiwan, ROC, August 23rd-27th.

Hosseinkhani A., **Daghigh Kia H.** and Valizadeh R. (2010) "The effects of dry mater content and hay particle size of total mixed ration on eating and lying behaviors' of dairy cows" 14th Asian-Australasian Association of Animal Production Societies (AAAP), pages: 2146-2148, Pingtung, Taiwan, ROC, August 23rd-27th.

Hosseinkhani A., Taghizadeh A., **Daghigh Kia H.**, Rostami A. and Alijani S. (2010) "Using different levels of sorghum in finishing Ghezel×Arkhar-Merino crossbred lambs diets and its effects on animal performance" 14th Asian-Australasian Association of Animal Production Societies (AAAP), pages: 1661-1663, Pingtung, Taiwan, ROC, August 23rd-27th.

Pirany N., Elyasi G., Taghizadeh A., Fasihi A., Kodadai Baighot A. and **Daghigh Kia H.** (2009) "Genetic diversity of Iranian native chicken breeds using RAPD markers" First World Biodiversity Congress, March 10-14, Chiang Mai, Thailand 168.

Hosseinkhani A., **Daghigh kia H.** and Vakili S.A.R. (2009) "Effect of physical processing of diet on eating and ruminating behaviors of dairy cows in early lactation" XIth international symposium on ruminant physiology, pages: 824-826, Clermont-Ferrand, France, September 6-9.

Daghigh Kia H., Rings F., Hölker M., Tholen E., Schellander K., Tesfaye D. (2007) "Identification of single nucleotide polymorphism (SNP) in bovine preimplantation genes (COX-2 and CD9) and their association with bull sperm quality parameters", 23th Scientific Meeting of the European Embryo Transfer Association (AETE), Alghero, Sardinia, Italy, 7-8 September.

Moghaddam Gh., **Daghigh Kia H.**, Yasan P. and Alijani S. (2003) "The study of reproductive failures in dairy cattle by metabolic profile test in Tabriz" BSAS, Annual Meeting, UK.

Khazali H., **Daghigh Kia H.** and Rokni H. (1998) "Effect of Long term injections of Triiodothyronine on milk production and Compositions in Sarabi cows" 4th Asian Symposium on Animal Biotechnology, 7-9 Oct.

Papers Presented in National Conferences

Vaseghi Dodaran H., **Daghigh Kia H.**, Seifdavati J. and Najafi A. (2015) "A review of the effects of nutrition on growth, quality and quantity of sheep and goat fiber production" Second Iranian Animal Fibers Conference, 29-30 April, University of Tabriz Pp. 347-351.

Cheraghi Saray S., Hosseinkhani A., Janmohammadi H., Zare P. and **Daghigh Kia H.** (2013) "The evaluation of lactobacillus probiotic strains' effect on the amounts of restaurant waste apparent metabolizable energy in broilers" The 2nd National Congress of Probiotic and Functional Foods.

Olfati Karaji R., **Daghigh Kia H.**, Hossain Khani A. and Bohlouli M. (2013) "The improving of sperm biochemical parameters after frozen-thawed process with supplemented antioxidants in bull semen freezing medium" 19th National Congress on Infertility and Reproduction, Iranian Journal of Reproductive Medicine, 11(5)- (Suppl. 2), Pp. 23.

Olfati Karaji R., **Daghigh Kia H.** and Alijani S. (2013) "The supplementation of reduced glutathione and superoxide dismutase antioxidants in freezing extender maintained phrase replace to maintenance" 19th National Congress on Infertility and Reproduction, Iranian Journal of Reproductive Medicine, 11(5)- (Suppl. 2), Pp. 88.

Olfati Karaji R., **Daghigh Kia H.** and Moghaddam G. (2013) "The effect of Superoxide dismutase plus reduced glutathione supplementation on sperm quality parameters of frozen-thawed bull semen" 19th National Congress on Infertility and Reproduction, Iranian Journal of Reproductive Medicine, 11(5) - (Suppl. 2), Pp. 88-89.

Olfati Karaji R., **Daghigh Kia H.**, Farshadiyan SH. and Sadeghi S. (2013) "The comparison of Rosemary (*Rosmarinus Officinalis*) extracts and reduced glutathione antioxidant on biochemical assays after cryopreservation process of bull semen" 19th National Congress on Infertility and Reproduction, Iranian Journal of Reproductive Medicine, 11(5)- (Suppl. 2), Pp. 89.