



عادل صابری وند

استاد

دانشکده: دامپزشکی



#### سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
دکتری حرفه ای	۱۳۶۸	دامپزشکی	دانشگاه تهران
دکترای تخصصی	۱۳۷۶	دامپزشکی- مامایی و بیماری های تولید مثل	دانشگاه کوئینزلند استرالیا

#### اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
دانشگاه تبریز	هیات علمی	رسمی قطعی	تمام وقت	۴۲

#### سوابق اجرایی

- معاون آموزشی دانشکده دامپزشکی دانشگاه ارومیه ۷۶-۷۷
- معاون دانشجویی دانشگاه ارومیه ۷۷-۷۸
- مدیر کل امور دانشجویان شاهد و ایثارگر دانشگاه ارومیه ۷۹-۸۲
- رئیس پژوهشکده بیوتکنولوژی دانشگاه ارومیه ۸۴-۸۶
- معاون پژوهشی دانشکده دامپزشکی دانشگاه تبریز ۹۲-۹۴
- نماینده دانشکده دامپزشکی در هیات ممیزه دانشگاه تبریز ۹۲-۹۶

#### موضوعات تدریس تخصصی

- فناوری استحصال، تولید و انتقال جنین
- اصول کار در آزمایشگاه تولید مثل و کشت سلول
- بیوتکنولوژی مولکولی در تولید مثل
- روشهای تحقیق پیشرفته
- آندوکرینولوژی تولید مثل
- فناوری منی

روشهای منجمد سازی در تولید مثل  
بیوانفورماتیک در تولید مثل  
بیولوژی سلولی و مولکولی تولید مثل  
مامایی دامپزشکی (گاو، گوسفند، اسب، سگ و گربه)  
بیماری های تولید مثل در دامها (گاو، گوسفند، اسب، سگ و گربه)  
تلقیح مصنوعی در دامها  
تکنیکهای تولید مثلی در دامها

## زمینه های تدریس

مامایی و بیماری تولید مثل در دامپزشکی  
بیوتکنولوژی تولید مثل در دامها شامل IVF، AI، ICSI، انتقال جنین

## کارگاه ها

۱- Laparoscopic artificial insemination in sheep and goats. Held at Faculty of Veterinary Medicine, University of Tabriz, Iran. Dec. ۴-۵, ۲۰۱۸.

۲- Real-time Polymerase Chain Reaction (PCR) and Next Generation Sequencing and their application in veterinary medicine, agriculture, science and aquaculture. Held at Faculty of Veterinary Medicine, University of Tabriz, Iran. June ۱۵-۱۶, ۲۰۱۵.

۳- The International Workshop on Genetics and Molecular Biology of Aquatic Organisms. Held at Artemia and Aquatic Animals Research Institute, ۲۶ to ۳۰ Sep., ۲۰۰۵, Urmia University, Iran.

۴- Polymerase Chain Reaction (PCR) and its application in veterinary medicine, agriculture, science and aquaculture. The University of Urmia in collaboration with the Institute of Research and Planning for Higher Education. Held at the University of Urmia, Iran, ۲۰۰۴.

## مقالات در نشریات

- 
- Sharareh Ahmadi, Adel Saberivand, Cyrus Jalili, Reza Asadpoura, Monire Khordadmehr, 1 Maryam Saberivand, Hydroalcoholic extract of Taraxacum officinale (dandelion) induces apoptosis and autophagy in 4T1 breast cancer cells, Veterinary research Forum, 2023
  - Sedigheh Pashapour, Adel Saberivand, Amir Afshin Khaki, Maryam Saberivand, Effect of 2 Saponin on spermatogenesis and testis structure in streptozotocin-induced diabetic mice, Veterinary research Forum, 2023
  - Adel Saberivand, Fatemeh Sarvarzadeh, Seyedeh Zeinab Peighambarzadeh, Maryam 3 Saberivand, Hajyeh Pakizehvand, Sahar Rashidi, Maryam Rahbar, The effect of Caulerpa sertularioides extract on bull sperm freezability and subsequent embryo development, Theriogenology, Vol. 189, pp. 167-176, 2022
  - Atefeh Babaei, Reza Asadpour, Kamran Mansouri, Adel Saberivand, Siamak Kazemi, & 4 Darabadi, Lycopene improves testicular damage and sperm quality in experimentally induced varicocele: Relationship with apoptosis, hypoxia, and hyperthermia, Food Sci Nutr, pp. 1-12, 2022
  - Vahid Ghaffarilaleh, Arash Javanmard, Adel Saberivand, Nader Asadzadeh, Reza Masoudi, 5 Hoda Javaheri Barfouroushi, Amir Rashidi, Variation and frequency of supernumerary teats, litter size, histological features and the fibroblast growth factor 2 (FGF-2) gene expression pattern in goats, Theriogenology, Vol. 179, pp. 141-148, 2022
  - Amir Hessam Eskafi Noghani, Reza Asadpour, Adel Saberivand, Zohreh Mazaheri, Gholamreza 6

- Hamidian,,Effect of NMDA Receptor Agonist and Antagonist on Spermatogonia Stem Cells Proliferation in 2- and 3- Dimensional Culture Systems,Mol Biol Rep,Vol. 49,pp. 2197-2207,2022
- Adel Saberivand, Seddigeh Pashapour, Amirhessam Eskafi Noghani, Zahra .7 Namvar,Synergistic effect of royal jelly in combination with glycerol and dimethyl sulfoxide on cryoprotection of Romanov ram sperm,Cryobiology,2021
- R. Asadpour, F. Ahmadnejad, L.Roshangar, A. Saberivand, A. Hajibemani,The supplementation .8 of ovine oocyte maturation medium with triiodothyronine affects the embryo development and apoptotic gene expression,Journal of the Hellenic Veterinary Medical Society,Vol. 72,pp. 3195-3202,2021
- Atefeh Babaei, Reza Asadpour,| Kamran Mansouri,| Adel Saberivand, Siamak Kazemi ,& .9 Darabadi,Lycopene protects sperm from oxidative stress in the experimental varicocele model,Food Sci Nutr,pp. 1-12,2021
- Reza Asadpour, Pedram Zangiband, Katayoon Nofouzi, and Adel Saberivand,Differential .10 expression of antioxidant genes during clinical mastitis of cow caused by Staphylococcus aureus and Escherichia coli,Veterinarski Arhiv,Vol. 91,pp. 451-458,2021
- Reza Asadpour, Mohammad H., Aliyoldashi, Adel Saberivand,Gholamreza Hamidian, Marzieh .11 Hejazi,Ameliorative effect of selenium nanoparticles on the structure and function of testis and in vitro embryo development in Aflatoxin B1-exposed male mice,Andrologia,2020
- Parisa Aparnak Adel Saberivand,Effects of curcumin on canine semen parameters and the .12 expression of NOX5 gene in cryopreserved spermatozoa,Veterinary research Forum,Vol. 10,pp. 221-226,2019
- Vasebi Y, Khakvar R, Vinatzer B A, Faghihi M M and Saberivand A,Phenotypic .13 Characterization and Grouping of Pseudomonas syringae pv. syringae Strains, the Causal Agent of Apricot Canker in East Azerbaijan Province Based on Ice Nucleation Activity,Journal of Applied Researches in Plant Production,2019
- Iraj Ashrafi Hossein Daghigh Kia, Gholamali Moghaddam Adel Saberivand.New Formulation of .14 Bull Semen Freezing Extender via Egg Yolk and Sodium Dodecyl Sulphate.Research on Animal Production.۲۰۱۸
- Iraj Ashrafi Hossein Daghigh Kia, Gholamali Moghaddam Adel Saberivand.Comparison of .15 extracted low-density lipoproteins from egg yolk with lecithin, and commercially extender "Andromed" in bull's semen freezability.Journal of Animal Environmen شماره صفحات ۲۷-۳۴،۲۰۱۷
- Sahar Nouri Gharajelar, Rajab Ali Sadrkhanloo, Masoud Onsori, Adel Saberivand,A .16 comparative study on the effects of different cryoprotectants on the quality of canine sperm during vitrification process,Veterinary research Forum,Vol. 7,pp. 235 - 239,2016
- Saberivand, A. , Ahsan S.,Sex determination of ovine embryos by SRY and amelogenin .17 (AMEL) genes using maternal circulating cell free DNA.,Animal Reproduction Science,2015
- Ahmad Bargi, Hossein Hamali, Katayon Nofouzi , Adel Saberivand, SafaJohari Ahar,Effect of .18 Intravenous Infusion of Hypertonic Saline on Treatment of the Cows with Acute E. Coli Mastitis,Bulletin of Environment, Pharmacology and Life Sciences,Vol. 4,pp. 1-4,2015
- Soleimanzadeh A., Saberivand A.,Effect of  $\alpha$ -tocopherol on sperm and semen parameters of .19 rat after the freeze-thawing process.The Journal of Urmia University of Medical Sciences شماره صفحات ۸۲۶-۸۳۴،۲۰۱۴
- Soleimanzadeh A., Saberivand A., Ahmadi A.,Effect of curcumin on rat semen after the .20 freeze-thawing process,Veterinary research Forum,Vol. 4,pp. 185-189,2013
- Mohammadi G. and Saberivand A.,Modified method for DNA extraction from animal whole .21 blood for PCR applications,Iranian Veterinary Journal,Vol. 2,pp. 93-100,2012
- Kasimanickama V., R. Kasimanickama, A. Arangasamy, A. Saberivand, J.S. Stevenson, J.P. .22 Kasteli,Association between mRNA abundance of functional sperm function proteins and fertility of Holstein bulls,Theriogenology,Vol. 78,pp. 2007-2019,2012

- Yousefi M., A. Saberivand, L. A. Becker, I. Karimi, The Effects of Cannabis sativa L. Seed .23 (Hemp Seed) on Reproductive and Neurobehavioral End Points in Rats, Dev Psychobiol, Vol. 53, pp. 402-412, 2011
- Saberivand A, A. Javanmard and M. Safdari, Parentage verification and identity test of Ghezel .24 sheep using microsatellite markers, African Journal of Biotechnology, Vol. 10, pp. 5815-5819, 2011
- Saberivand A, , Karimi I, , Becker LA, , Moghaddam A, , Azizi, & Mahmoodjigh S, , Yousefi M, , .25 Zavareh S., The effects of Cannabis sativa L. seed (hempseed) in the ovariectomized rat model of menopause., Methods and findings in experimental and clinical pharmacology, No. 7, pp. 467-473, 2010
- Jabbarzadeh Z, M. Khosh, & Khui, H. Salehi and A. Saberivand., Phylogenetic relationships .26 among seven old Rose species grown in Iran revealed by ISSR markers, Horticulture Environment and Biotechnology, Vol. 51, pp. 189-192, 2010
- Jabbarzadeh Z., M. Khosh, & Khui, H. Salehi and A. Saberivand., Inter simple sequence repeat .27 (ISSR) markers as reproducible and specific tools for genetic diversity analysis of rose species, African Journal of Biotechnology, Vol. 9, pp. 6091-6095, 2010
- Saberivand A., G. Mohammadi, A. Javanmard, Genetic variation of ten microsatellite loci in .28 Makui sheep of Iran, Vet. Res. Commun, Vol. 34, pp. 541-548, 2010
- Zavareh S., Salehnia M., Saberivand A., Comparison of Different Vitrification Procedures on .29 Developmental Competence of Mouse Germinal Vesicle Oocytes in the Presence or Absence of Cumulus Cells, International Journal of Fertility and Sterility, Vol. 3, pp. 111-118, 2009
- Jabbarzadeh Z., Khosh Khui M., Salehi H. and Saberivand A., Optimization of DNA Extraction .30 for ISSR Studies in Seven Important Rose Species of Iran, American-Eurasian Journal of Sustainable Agriculture, Vol. 3, pp. 639-642, 2009
- Zavareh S, Saberivand A, Salehnia M, The Effect of Progesterone on the In vitro Maturation .31 and Developmental Competence of Mouse Germinal Vesicle Oocytes, International Journal of Fertility and Sterility, Vol. 3, pp. 21-28, 2009
- Mohammadi G., Saberivand A. Molecular study of polymorphisms of some microsatellite .32 markers linked to the FecB genes in Ghezel Iranian sheep. Iranian Veterinary Journal صفحات ۳۴-۲۰۰۷، ۴۳، شماره ۲، مجلد ۲، شماره ۲
- Karimi, I, Hayatghaibi H, Yousefi J, Saberivand A, Zavareh S, The effect of Cannabis sativa L. .33 (hemp seed) on hematological parameters in guinea pigs., Cardiovasc Hematol Disord Drug Targets, 2007
- Saberivand, A. and M. Haghighi, An abattoir survey of ovine acquired reproductive .34 abnormalities in Northwest of Iran., Journal of Iranian Veterinary Research, 2007
- Saberivand A., The relationship between blood glucose, cholesterol and progesterone at the .35 time of artificial insemination and subsequent fertility in dairy, Pajooresh va Sazandeghi شماره ۵، صفحات ۲-۲۰۰۱، ۵.
- Saberivand, A. P.M. Outteridge, The use of embryo genotyping in the propagation of genes .36 involved in the immune response, Immunology and Cell Biology, Vol. 74, pp. 109-120, 1996

## پایان نامه ها

1. Investigation of the effects of saponin on fertility factors, spermatogenesis, testis tissue damages, and plasma biochemical factors in mice diabetic model
2. The effects of Dandelion hydroalcoholic extract on mice mammary gland tumor
3. Construction of testis like tissue on Extra Cellular Matrix derived from testis tissue in vitro to support of spermatogonial stem cells proliferation and differentiation with Agonist and Antagonist agents
4. Detection of Chlamydia abortus sheep abortion specimens by Nested PCR
5. The effect of high-fat diet feeding and two type of aerobic training on stereological structure,

- apoptotic index, Hsp $\gamma$  expression and function of testis in rat
- Protective effect of curcumin on sperm morphological changes and SOD $\downarrow$  gene expression in mice fed with soya .۶
- Investigation relations between the oxidative stress gene expression with mastitis in dairy cows .۷
- Expression pattern of TLR $\uparrow$  gene in ewe reproductive tract during oestrous cycle .۸
- Effects of  $\alpha$ -Tocopherol on sperm parameters and GSTT $\downarrow$  gene relative expression in mice fed with nitrite compounds .۹
- The comparison of Nrf $\uparrow$  mRNA expression in the Milk of Mastitic and Healthy Dairy Cows .۱۰
- .Sex determination of sheep fetus using maternal serum by polymerase chain reaction .۱۱
- Effects of Curcumin and  $\alpha$ -tocopherol on pro-apoptosis and anti-apoptosis genes expression in rat sperm .۱۲
- Study of polymorphism of AA-NAT gene in Ghezel sheep using PCR-RFLP .۱۳
- Evaluation of the relationship between semen quality and HDAC $\downarrow$  gene expression in buffalo sperm .۱۴
- Evaluation of the relationship between semen quality and PRM $\uparrow$  gene expression in buffalo sperm .۱۵
- Effect of leptin on the expression of HSP $\gamma$  gene in river buffalo oocyte IVM .۱۶
- Study of Casein  $\downarrow$ S $\downarrow$  gene polymorphism using PCR-RFLP in Ghezel sheep .۱۷
- Study of prolactin gene polymorphism using PCR-RFLP in river buffalos .۱۸
- .Study of MHC-DQA $\downarrow$  Gene Polymorphism in Gezel Breed of Sheep .۱۹
- The relationship between FecB gene microsatellites and scrotal circumference measurement in sheep .۲۰
- The effect of melatonin on Gene expression of TGF- $\beta$  signaling pathway in hypoxic TM $\uparrow$  mice Leydig cells .۲۱
- Vitrification and In Vitro Maturation of mouse Germinal Vesicle Oocytes in the presence of progesterone .۲۲
- Macroscopic and microscopic study of ewe reproductive abnormalities in Urmia slaughterhouse .۲۳
- The effect of injection of GnRH in superovulation rate in ewes superovulated with PMSG .۲۴
- Measurement of glucose and fat contents of ovine follicular fluid .۲۵
- Macroscopic study of ovine male external reproductive tract abnormalities in Urmia slaughterhouse .۲۶
- Study of the number of ovulations in relation to molecular markers of twining gene in sheep .۲۷
- The effect of melatonin on Gene expression of MAPK signaling pathway in hypoxic TM $\uparrow$  mice Leydig cells .۲۸
- In vitro evaluation of alpha-glutaric acid and folic acid supplementation on sperm under ammonia stress in cattle .۲۹
- Investigation of the effect of hot and cold seasons on ovum pick up-derived embryos under the influence of a fixed- and defined-culture medium (vitamin C, E and Q $\downarrow$ ) in Holstein dairy cows .۳۰
- The effect of Royal jelly supplementation into the cryoprotectant-free vitrification media on honey bee sperm parameters and queen fertility .۳۱
- Effects of Curcumin and  $\alpha$ -tocopherol on sperm parameters and RNAs of NOX $\Delta$  and SOD $\uparrow$  genes in dog sperm .۳۲
- Molecular study of polymorphisms of microsatellite markers related to FecB genes in Ghezl breed of sheep .۳۳

۱. درمان های رایج در تولید مثل اسب
۲. تولید مثل بالینی سگ سانان و گربه سانان-پاسخ های مبتنی بر شواهد