

CURRICULUM VITAE

Saeed Zavareh

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Personal Information:

Nationalities: Iranian

Birth: 17/7/1979

Place of birth: Varamin, Iran

Gender: Male

Marital status: Married

Biographical sketch

Saeed Zavareh studied Veterinary Medicine at Urmia University (2004). He obtained his Ph.D. degree in Theriogenology (2009) from the Veterinary Faculty, University of Urmia. His dissertation was in a collaborative project with the Faculty of medical sciences in Tarbiat Modares University, Tehran (Supervisor: Prof. Mojdeh Salehnia) on the Vitrification and in vitro maturation of mouse GV oocytes in the presence of progesterone. In 2009, he became an assistant professor at the Department of Molecular and Cellular biology, School of Biology, Damghan University, Damghan. In 2011, He trained a short course about the assisted reproduction techniques (ARTs) in school of medical sciences of Tarbiat Modares University. In 2015, he became associate professor of Molecular and Cellular biology and Head of the Department of Molecular and Cellular biology. He also holds the positions as consultant and researcher of the reproductive biology unit at the Institute of Biological Sciences in Damghan University. His primary area of research focused on developing novel methods in fertility preservation including cryopreservation of ovarian tissue, oocyte and embryo.

Professional career

- 1998 - 2004. DVM student, Veterinary Faculty, University of Urmia, Urmia, Iran
- 2004 - 2009. Ph.D. student, Department of Theriogenology, Veterinary Faculty, University of Urmia, Urmia, Iran
- 2009 – 2015 Assistant professor, Department of Molecular and Cellular biology, school of biology, Damghan University, Damghan. Iran
- 2015 - Current: Associate professor, Department of Molecular and Cellular biology, school of biology, Damghan University, Damghan. Iran
- 2010 – Current. Consultant and researcher of the reproductive biology unit at the Institute of Biological Sciences in Damghan University
- 2015 – 2018. Department Head, Department of Molecular and Cellular biology, school of biology, Damghan University, Damghan. Iran

Taught Course

- Reproduction physiology(M.Sc)
- Reproductive Biology (B.Sc)
- Sex Determination and Reproduction (M.Sc)
- Human Biology (B.Sc)
- Zoology (B.Sc)

Research Interests:

- Cryopreservation; Vitrification of Ovarian Tissue, Follicles, oocyte and embryo
- *In vitro* culture; Ovarian tissue, follicles, oocyte and embryo
- Embryo transfer
- Ovarian stem cells and neo-oogenesis
- Ovarian and uterine tissue engineering

History of Technical Skills

- Familiar with the *in vitro* maturation of follicles and oocytes, In Vitro Fertilization, Intra Cytoplasmic Sperm Injection, oocyte cryopreservation, cryobiology, ovarian tissue cryopreservation, embryo culture and transfer, specific staining of sperm and oocyte, immunohistochemistry. Real time qPCR.
- Setting up of embryology lab in school of biology, Damghan University, Damghan
- Setting up of *in vitro* maturation (IVM) and *in vitro* fertilization (IVF) workshop in school of biology, Damghan University
- Setting up of Cryobiology lab in school of biology
- Setting up of cancer research lab in school of biology, Damghan Islamic Azad University, Damghan, Iran

Invited Lecture:

- Follicular dynamics: An orchestrated journey from primordial follicle to ovulation (Urmia University)
- Cryobiology: vitrification: past, present, future (Urmia University)
- *In vitro* maturation (IVM) of bovine oocyte: basic principles and economical perspective (Urmia University)
- Oocyte and embryo *in vitro* culture (Damghan University)
- Prospective importance of vitrification in reproductive medicine (Razi University).

Honors

- Ranked 1th in the Board Theriogenology Examination among all participants, 2007
- The selected distinguished lecture of school of biology, Damghan University, Damghan 2016
- The selected distinguished researcher of school of biology, Damghan University, Damghan 2017
- The selected distinguished lecture of school of biology, Damghan University, Damghan 2018
- The selected distinguished researcher of school of biology, Damghan University, Damghan 2020

Invention

- Magnetic nanoparticles coated by 5-fluorouracil imprinted polymer for controlled drug delivery

Publications:

- Zeynab Asghari, Saeed Zavareh, Taghi Lashkarbolouki, Mahmoud Elahdadi Salmani. Neonatal maternal separation alters gelatinolytic activity in mouse ovarian follicles during *in vitro* culture. *Submitted to Reproductive biology*
- Mina Ghatebi¹ MSc., Saeed Zavareh^{1,2} PhD., Taghi Lashkarbolouki^{1,2} PhD. Mahmoud Elahdadi Salmani ^{1,2} PhD. Implications from early life stress on the development of mouse ovarian follicles: focus on oxidative stress ; *Submitted to Journal of obstetrics and gynecological research.*

- Saeed Zavareh, Najmeh Vafere Koohestani, Taghi Lashkarbolouki and Fariba Azimipour, Exposure to cell phone induce oxidative stress in mice preantral follicles during *in vitro* cultivation: an experimental study. *submitted to the International Journal of Reproductive Biomedicine*
- Fariba Azimipour, Saeed Zavareh, and Taghi Lashkarbolouki. The effect of radiation emitted by cell phone on matrix metalloproteinase 2 & 9-linked gelatinolytic activity of mouse preantral follicles during *in vitro* culture *submitted to cell journal*
- Zahra Khodavandpour, Saeed Zavareh, Parisa Farrokh, Meysam Nassiri, Pattern of DNA repair gene expression of mice preantral follicles followed by vitrification, *On the preparation*
- Shahla Babaki, Saeed Zavareh, Parisa Farrokh, Meysam Nassiri The effect of vitrification on expression of Wnt pathway genes of mouse preantral follicle. *On the preparation*
- Maziar Malekzadeh Kebria, Mojdeh Salehnia, Saeed Zavareh, Said Moazzeni. The Effect of Sodium Selenite supplementation during *In Vitro* Maturation of Mouse Oocytes on Their Development and the Expression of Genes Involved in Apoptosis in Comparison with *In Vivo* Obtained Oocytes, *Accepted; Veterinary research forum.*
- Elahe abdolahnezhad, vahid poozesh, saeed zavareh, Comparison of the cryopreservation methods of plant germplasm on growth and germination indices of thyme (*Thymus daenensis*) *Journal of Crop Breeding, in press*
- shahabfar H, poozesh V, zavareh S. Seeds conservation of *dracocephalum kotschy* with vitrification and encapsulation-dehydration methods in cryopreservation condition. *Journal of Plant Ecosystem Conservation.* 2018; 6 (12) :191-214
- H Hashemi-Moghaddam, S Zavareh, EM Gazi, M Jamili, Assessment of novel core-shell Fe₃O₄@ poly l-DOPA nanoparticles for targeted Taxol® delivery to breast tumor in a mouse model, *Materials Science and Engineering: C* 93, 1036-1043
- S Zavareh, Z Gholizadeh, T Lashkarbolouki, Evaluation of changes in the expression of Wnt/ β -catenin target genes in mouse reproductive tissues during estrous cycle: An experimental study, *International Journal of Reproductive Biomedicine* 16 (2), 69
- H Hashemi-Moghaddam, S Zavareh, S Karimpour, H Madanchi, Evaluation of molecularly imprinted polymer based on HER2 epitope for targeted drug delivery in ovarian cancer mouse model, *Reactive and Functional Polymers* 121, 82-90
- Hamid Hashemi, Saeed Zavareh, Sina Karimpour. Evaluation of molecularly imprinted polymer based on HER2 epitope for targeted drug delivery in ovarian cancer mouse model. *Reactive and Functional Polymers*, 2017, *Reactive and Functional Polymers*, Volume 121, December 2017, Pages 82-90
- Hamid Hashemi-Moghaddam, Saeed Zavareh, Elnaz Mirsaeed Gazi, Mahdi Jamili, Assessment of nano composite: L-DOPA/Fe₃O₄ for targeted Taxol® delivery to breast tumor in a mouse model. 2017, *Pharmaceutical Research, Materials Science and Engineering C*, 93, 1036-1043, 2018

- Saeed Zavareh, Zahara Gholizadeh and Taghi Lashkarbolouki. Evaluation of changes in the expression of Wnt/ β -catenin target genes in mouse reproductive tissues during estrous cycle. *Int J Reprod BioMed* Vol. 16. No. 2. pp: 69-76, February 2018
- Bagheripour N, Zavareh S, Ghorbanian MT, Paylakhi SH, Mohebbi SR, editors. Changes in the expression of OCT4 in mouse ovary during estrous cycle. *Veterinary Research Forum*; 2017; 8 (1): 43-50
- Hosseinzadeh E, Zavareh S, Lashkarbolouki T. Antioxidant properties of coenzyme Q10- pretreated mouse pre- antral follicles derived from vitrified ovaries. *Journal of Obstetrics and Gynaecology Research*. 2017;43(1):140-8.
- Bagherpour N, Zavareh S, Ghorbanian MT. Ovarian Expression of Sox2 during Mouse Estrous Cycle. *Journal of Chemical Health Risks*. 2017;7(2).
- H Hashemi-Moghaddam, S Kazemi-Bagsangani, M Jamili, S Zavareh: Evaluation of magnetic nanoparticles coated by 5-fluorouracil imprinted polymer for controlled drug delivery in mouse breast cancer model, *International journal of pharmaceutics*, 2016; 497 (1), 228-238
- Zavareh S, Mahdi M, Erfanian S, Hashemi-Moghaddam H. Synthesis of polydopamine as a new and biocompatible coating of magnetic nanoparticles for delivery of doxorubicin in mouse breast adenocarcinoma. *Cancer chemotherapy and pharmacology*. 2016;78(5):1073-84.
- Roya Hedayati Kashka¹, Saeed Zavareh, Taghi Lashkarbolouki: Augmenting effect of vitrification on lipid peroxidation in mouse preantral follicle during cultivation: modulation by Coenzyme Q10; *Systems biology in reproductive medicine* 62 (6), 404-414
- S. Zavareh, I Karimi, M Salehnia, A Rahnama. Effect of In Vitro Maturation Technique and Alpha Lipoic Acid Supplementation on Oocyte Maturation Rate: Focus on Oxidative Status of Oocytes, *International Journal of Fertility and Sterility*: 2016, 9 (4), 442-451.
- Reza Asadzadeh, Shima Khosravi, Saeed Zavareh, Mohammad Taghi Ghorbanian, Seyed Hassan Paylakhi, Seyed Reza Mohebbi: Vitrification affects the expression of matrix metalloproteinases and their tissue inhibitors of mouse ovarian tissue; 2016, *Int J Reprod BioMed*; 14 (3), 173-189
- Marzieh Davoudi, Saeed Zavareh, Mohammad Taghi Ghorbanian, Seyed Hassan Paylakhi, Seyed Reza Mohebbi The effect of steroid hormones on the mRNA expression of oct4 and sox2 in uterine tissue of the ovariectomized mice model of menopause; *Int J Reprod BioMed*. 2016 14 (7), 471-476
- Azar Khany, Isaac Karimi, David Alimoradian¹, Saeed Zavareh: Distribution of Xanthine Oxidase in Selected Tissues of a Mouse Model of Menopause; *Journal of Chemical Health Risks*. 2016; 6(0), 1–11

- Kolsum Choobineh, Saeed Zavareh , Mojdeh Salehnia, Mohamad Taghi Ghorbanian and Seyed Hassan paylakhi ; Expression of Pluripotent Stem Cell markers in mouse uterine tissue during estrous cycle, Veterinary Research Forum; 2016, 7 (3), 181-188.
- Hosseinzadeh Elmira, Zavareh Saeed, Lashkarboluki Taghi. The comparison of developed mouse vitrified preantral follicle with isolated preantral follicles from vitrified ovary. koomesh. 2016; 17 (4): 981-989
- Hedayati K. R., Zavareh S, Lashkarboluki T. The effect of ubiquinone on Malondialdehyde content of mouse preantral follicles during in vitro culture; Journal of Sabzevar University of Medical Sciences 23 (4), 590-599
- Bashiri T, Ghorbanian M T, Zavareh S. Influence of alpha-lipoic acid on survival and proliferation of mesenchymal stem cells . KAUMS Journal (FEYZ). 2016; 20 (2):133-140
- Roya Hedayati Kashka, Saeed Zavareh, Taghi Lashkarboluki, The role of Coenzyme Q10 on the Total Antioxidant Capacity of Mouse Vitrified Pre-Antral Follicles, Journal of Paramedical Sciences, 2015, 6 (3)
- S Zavareh, A Talebi, H Hasanzadeh, Amending in vitro culture condition to overcome oxidative stress in assisted reproduction techniques (ART), Journal of Paramedical Sciences, 2015, 6 (2)
- M. Davoudi, S. Zavareh, M.T. Ghorbanian, H. Hassanzadeh, Effects of steroid hormones on uterine tissue remodeling of mouse menopause model, Journal of Paramedical Sciences, 2015, 6 (1)
- E. Hosseinzadeh, S. Zavareh, T. Lashkarboluki, Coenzyme Q10 Improves Developmental Competence of Mice Pre_antral Follicle Derived From Vitrified Ovary, Journal of Paramedical Sciences, 2015, 6 (2)
- Sadrollahi M., Ghorbanian M. T., Zavareh S. Hippocampal neurogenesis in mice at different phases of the estrous cycle. KAUMS Journal (FEYZ). 2014; 18 (4) :336-344
- S Hatami, S Zavareh, M Salehnia, TLI Karimi, Comparison of oxidative status of mouse pre-antral follicles derived from vitrified whole ovarian tissue and vitrified pre-antral follicles in the presence of alpha lipoic acid, J. Obstet. Gynaecol. Res. 2104, 40 (6), 1680-1688
- S. Hatami, S. Zavareh, M. Salehnia, T. Lashkarbolouki, M.T. Ghorbanian , The impact of alpha lipoic acid on developmental competence of mouse vitrified pre-antral follicles in comparison to those isolated from vitrified ovaries Iranian journal of reproductive medicine, 2104, 12 (1), 57
- Z. Hoseinpour, A. Nikoofar, S.R. Mahdavi, H. Hasanzadeh, S. Zavareh, Dosimetry of Esophageal radiotherapy: a phantom study, Journal of Paramedical Sciences: 2014; 5 (3)

- S. Hatami, S. Zavareh, M. Salehnia, T. Lashkarbolouki, M.T. Ghorbanian, Total Oxidative status of Mouse Vitriified Pre-Antral Follicles with Pre-Treatment of Alpha Lipoic Acid, Iranian biomedical journal, 2013, 18 (3), 181-183
- A Rahnama, S. Zavareh, M.T. Ghorbanian, I. Karimi, The Effects of cAMP-elevating Agents and Alpha Lipoic Acid on In Vitro Maturation of Mouse Germinal Vesicle Oocytes, J Reprod Infertil. 2103, 14 (4), 178-183
- M Salehnia, S Zavareh, The Effects of Progesterone on Oocyte Maturation and Embryo Development International Journal Of Fertility & Sterility, 2013, 7 (2), 74-81
- M Salehnia, V. Töhönen, S. Zavareh, J Inzunza , Does cryopreservation of ovarian tissue affect the distribution and function of germinal vesicle oocytes mitochondria? BioMed Research International 2013, 8
- A Chalechale, I Karimi, S Zavareh, A Karimi, Brief Anthropology and Antiparasitic Remedies in Kurdish Ethno (veterinary) medicine: A Neglected Treasure Trove 2013, World's Veterinary Journal (WVJ); 3 (1), 29-32
- Talebi, S Zavareh, M.H. Kashani, T. Lashgarbluki, I Karimi, The effect of alpha lipoic acid on the developmental competence of mouse isolated preantral follicles, Journal of assisted reproduction and genetics, 2012, 29 (2), 175-183
- A Saberivand, I Karimi, LA Becker, A Moghaddam, S Azizi-Mahmoodjigh, S. Zavareh, The effects of Cannabis sativa L. seed (hempseed) in the ovariectomized rat model of menopause., Methods and findings in experimental and clinical pharmacology, 2010, 32 (7), 467-473
- S Zavareh, M Salehnia, A Saberivand, Comparison of different vitrification procedureds on developmental competence of mouse germinal vesicle oocytes in the presence or absence of cumulus cells, Int J Fertil Steril, 2009, 3 (3), 111-8
- S Zavareh, A Saberivand, M Salehnia ,The effect of progesterone on the in vitro maturation and developmental competence of mouse germinal vesicle oocytes, Int J Fertil Steril, 2009, 3 (1), 21-28
- I Karimi, H Hayatghaibi, J Yousefi, A Saberivand, S Zavareh, The Effect of Cannabis sativa L.(Hemp Seed) on Hematological Parameters in Guinea Pigs, Cardiovascular & Haematological Disorders-Drug Targets, 2007, 7 (4), 288-291

Conference Papers

- Roya hedayati, Saeed zavareh and Taghi Lashkarboluki; The effect of coenzyme Q10 on developmental competence of mouce vitrified preantral follicles, Royan Congress, April, 2015

- Roya hedayati, Saeed zavareh and Taghi Lashkarboluki; The effect of coenzyme Q10 on in vitro culture of mice preantral follicles; The role of medical basic sciences in health promotion January, 2015
- Elmira hosseinzadeh, Saeed Zavareh, Taghi Lashkarboluki; The In vitro developmental competence of isolated preantral follicles derived from mouse vitrified ovaries in the presence of Ubiquinon; Royan Congress , April, 2015
- Tahereh bashiri, Mohammad Taghi Ghorbanian and Saeed zavareh ; The effect of alpha lipoic acid on proliferation of bone marrow and adipose tissue derived stem cells; Regenerative medicine Congress, 2015
- Elmira hosseinzadeh, Saeed Zavareh, Taghi Lashkarboluki; Evaluation in vitro development of mouse vitrified preantral follicles compared to those derived from vitrified ovaries; The role of medical basic sciences in health promotion, January, 2015
- Marzieh Davoudi , Saeed Zavareh , Mohamad Taghi Ghorbanian; The effect of steroid hormones on the expression of OCT4 protein as pluripotent marker of uterine in the mouse menopause model, Fifth Congress of the Iranian Women's Cancers, November, 2013
- Marzieh Davoudi , Saeed Zavareh , Mohamad Taghi Ghorbanian , Seyed Reza Mohebbi, The effect of steroid hormones on histological and morphological parameters of uterine in a mouse model of menopause; National Congress of biosciences , September, 2013
- Choobineh K , Zavareh S , Salehnia M , Ghorbanian MT , Paylakhi SH; Expression profiles of the pluripotency marker genes in mouse endometrium tissue in different stage of estrous cycle; 19th National Congress on Infertility and Reproduction, Iranian Journal of Reproductive Medicine, Vol. 11, No 5 (Suppl. 2) - May, 2013
- Rahnama A , Zavareh S , Ghorbanian MT, Effects of cAMP elevator agents and Alpha lipoic acid (ALA) on the developmental competence of mouse GV oocytes in two step in vitro culture 19th National Congress on Infertility and Reproduction, Iranian Journal of Reproductive Medicine, Vol. 11, No 5 (Suppl. 2), - May, 2013
- Narges Bagheripour, Saeed Zavareh , Mohamad Taghi Ghorbanian; Ovarian Stem cells: from fertility to ovarian cancer, Fifth Congress of the Iranian Women's Cancers, November, 2013
- Kolsoom Choobineh , Saeed Zavareh ,Mojdeh Salehnia, Mohamad Taghi Ghorbanian, Seyed Hassan Paylakhi and Hamid Choobineh; Over expression of the pluripotency marker in the endometrium tissue of ovariectomized mouse model of menopause; 5th International Congress IRHRC on Reproductive Health and Family Health "Menopause and Andropause" , February, 2013
- Hatami S , Zavareh S , Salehnia M , Lashkarboluki M , Ghorbanian MT., The effect of Alpha Lipoic Acid on total oxidative status of vitrified pre-antral follicles in comparison to those derived from vitrified ovaries. 19th National Congress on

Infertility and Reproduction, Iranian Journal of Reproductive Medicine, Vol. 11, No 5 (Suppl. 2) - May, 2013

- Kolsoom Choobineh, Saeed Zavareh, Mojdeh Salehnia, Mohamad Taghi Ghorbanian , Seyed Hassan Paylakhi, Hamid Choobineh, A Survey on the Expression of Pluripotency Markers at... 16th Annual Congress on The Advances in Fertility and Infertility, January, 2013
- Ali Rahnama , Saeed Zavareh, Effects of an adenylate cyclase activator on developmental competence of immature mouse oocytes in the presence or absence of cumulus cells. 3rd international Congress of Iranian society for reproductive medicine – ISRM, - April, 2012
- Hatami S., Zavareh S., Salehnia M., Lashkarboluki T and Ghorbanian MT. The Effect of Alpha Lipoic Acid on ROS Production and TAC Levels of Cultured Isolated Pre-antral Follicles Driven from Mice Vitrified Ovaries, Royan International Twin Congress, September, 2012
- Ali Rahnama , Saeed Zavareh, Two-step in vitro maturation of mouse GV oocytes with a PDE3 specific inhibitor in the presence or absence of cumulus cells, 3rd international Congress of Iranian society for reproductive medicine – ISRM, April, 2012
- Hatami S., Zavareh S., Salehnia M., Lashkarboluki T and Ghorbanian MT. The Reactive Oxygen Species Production of Mice Vitrified Isolated Pre-Antral Follicles Using Cryotop Methods. Royan International Twin Congress, September, 2012
- Sahar Hatami, Saeed Zavareh, Mojdeh Salehnia. Comparison of the developmental competence of mouse preantral follicles derived from vitrified whole ovaries and vitrified preantral follicles using the cryotop methods. 3rd international Congress of Iranian society for reproductive medicine – ISRM, April, 2012
- Choobineh K., Zavareh S., Salehnia M., Ghorbanian MT. and Paylakhi SH. Interpretation of Mice Vaginal Smears to Determine Estrous Cycle Based on Uterine and Ovary Tissue Sections. Royan International Twin Congress, September, 2012
- Ali Rahnama, Saeed Zavareh and Mohammad Taghi Ghorbanian. The Effect of Cumulus Cells in Biphasic In Vitro Maturation of Mice Germinal Vesicle Oocytes in The Presence of Alpha Lipoic Acid. Royan International Twin Congress, September, 2012
- Ali Rahnama , Saeed Zavareh , Mohammad Taghi ghorbanian,. Evaluation of Cilostamide Efficiency in Comparison with Forskolin on the Two-Step In Vitro Maturation of Mice Germinal Vesicle Oocytes. Royan International Twin Congress, September, 2012
- Choobine K., Zavareh S., Salehnia M, Ghorbanian M.T. and Paylakhi S.H. Evaluation of Pluripotency Markers of Mouse Endometrial Tissue in Different Stages of Estrous Cycle. Royan International Twin Congress, September, 2012

- Talebi A, Zavareh S , Kashani M , Lashkarbluki T. The effect of lipoic acid on Reactive Oxygen Species (ROS) concentration of cultured mouse preantral follicles. 2th international Congress of fertility and sterility Tehran, Iran, March, 2011
- Talebi A, Zavareh S, Kashani M, Lashgar bluki M.T, Karimi I. The effect of Alpha lipoic acid on developmental competence of cultured isolated mouse preantral follicles, Royan International Twin Congress, September, 2011
- Zavareh. S. Salehnia. M, Ghorbanian. M.T, Talebi. A., Vitrification of GV oocytes with cryotop and conventional straw in presence or absence of cumulus cells 9th Iranian congress of ANATOMICAL SCIENCES, January, 2010
- Hosseinpour L, , Shirvani A, , Ghorbanian MT, , Ejtehadi MM, , Ebadi M, , Farhang M, , Abozari M, , Zavareh S. The effect of hypervitaminosis in the embryonic period and effects of spermatogenesis in mature period of male rate. 16 th congress of Iranian society for reproductive medicine, Shiraz, Iran, March, 2010
- Zavareh S , Salehnia M , Saberivand A., The Effects of progesterone in concentrations similar to that of pre-ovulatory follicular fluid on developmental competence of mouse germinal vesicle (GV) oocytes in the presence or absence of cumulus cells. 16th Congress of Iranian Society for reproductive medicine, Shiraz, Iran, January, 2010
- Zavareh. S, Salehnia. M, Ghorbanian. M.T, Talebi. A., Comparison of different vitrification procedures on developmental competence of mouse GV oocytes in presence or absence of cumulus cells. 9th Iranian congress of ANATOMICAL SCIENCES, January, 2010
- Zavareh S. Salehnia M , Saberivand A., The effect of progesterone on the in vitro maturation of mouse GV oocytes 15th Congress of Iranian Society for reproductive medicine medicine, January, 2009 -
- Karimi I, , Zavareh S, , Becker L, , Saberivand A, , Azizi-Mahmoodjigh S., Saeed Zavareh, The effects of hempseed on metabolic and psychophysiologic profiles of ovariectomized rat model of menopause The 8th International Congress of Endocrine Disorders” together with the 2nd Arab & Iranian Congress of Endocrinology and Diabetes and the 2nd Iranian Congress on Prevention and Management of Obesity, September, 2009
- Zavareh S, Salehnia M , Saberivand A., The comparison effects of two mediums on improve development of mouse germinal vesicle oocyte., congress of fertility, sterility and laparoscopy, January, 2008
- Karimi I, Zavareh S, , Poortaheri H, , Pak M., Effect of oxytocin on learning in an object recognition task in rats. 5th convention of Iranian veterinary clinicians, January, 2005
- Zavareh S, , Tabatabaei S, , Shalizar A., The review of endocrinology and dynamics of ovarian cysts in dairy cattle., 6th Congress of iranian veterinary students, September, 2005

- Shalizar A, Behfar M, Zavareh S. The epidemiological survey of bite by rabid dogs in Mazandaran province in 1383. 6th Congress of Iranian veterinary students, September, 2005
- Zavareh S, Sarrafzadeh F , Farshid A., Effect of corticosteroids and vitamin A on tendon repair. 4th convention of Iranian veterinary clinicians, June, 2005

Student's theses and projects:

- The interaction of human endometrial mesenchymal stem cells and myometrium cells in the human acellular endometrium scaffold in in vitro condition (Zinat Sargazi PhD. On hand)
- The interaction of granulosa cells and endometrial mesenchymal stem cells on human acellular ovarian tissue (Maryam Sistani PhD. On hand)
- The effects of sodium selenite on the expression of transcription factor A mitochondria of in vitro matured mouse metaphase II oocytes (Tina Moshashai, MSc. On hand)
- Vitriified Ovarian function after transplantation in a mouse treated by estrogen and N acetyl cysteine (Fatemeh Ebrahimi, M.Sc. on hand)
- Effect of electro magnetic field on transplantation of vitrified mouse ovarian tissue: focus on folliculogenesis, angiogenesis and apoptosis (Khadijeh Rasaei, M.Sc. on hand)
- The effect of vitrification on promoter methylation pattern of *Acta* and *Actb* in granulosa cells of mouse preantral follicle (Maryam Damavandi, M.Sc. on hand)
- The effect of Bisphenol A on promotor methylation pattern of *Kitl* and *Amh* genes in granulosa cells of mouse preantral follicles (Khaghani, M.Sc. on hand)
- Seeds conservation of dracocephalum kotschy with vitrification and encapsulation-dehydration methods in cryopreservation condition. (Shahabfar, M.Sc. 2016)
- The Effect of Sodium Selenite supplementation during *In Vitro* Maturation of Mouse Oocytes on Their Development and the Expression of Genes Involved in Apoptosis in Comparison with *In Vivo* Obtained Oocytes (Mazyar malekzadeh, 2018)
- Pattern of DNA repair gene expression of mice preantral follicles followed by vitrification (Zahra Khodavandpour, 2018)
- The effect of vitrification on expression of Wnt pathway genes of mouse preantral follicle (Shahla Babaki, 2018)

- The impact of serum and follicular fluid kisspeptin and leptin levels on IVF outcomes in women with metabolic syndrome (Zahra Gholizadeh , M.Sc. 2017).
- The effects of social stress on matrix metalloproteinases of mouse vitrified preantral follicles during in vitro culture (Zeynab Asghari , M.Sc. 2017).
- The Effect of mobile phone radiation on development of mouse preantral follicle during in vitro culture condition: Focused on oxidative status (Vafer Koohestani , M.Sc. 2016).
- The effects of cellphone radiation on matrix metalloproteinases activity of mouse preantral follicles during in vitro culture (Fariba Azimi , M.Sc. 2017).
- The effects of stress on the oxidative profile of mice vitrified pre-antral follicles during in vitro culture (Mina Ghatebi , M.Sc. 2017).
- The effect of Coenzyme Q10 on oxidative status of mouse vitrified pre-antral follicles. (Roya Hedayati Kashka , M.Sc. finished 2015).
- The effect of Coenzyme Q₁₀ on the oxidative status of preantral follicle derived from vitrified mice ovaries. (Elmira Hosseinzadeh , M.Sc. finished 2015).
- Investigation of mouse ovarian stem cells during estrous cycle. (Narges Bagheripour , M.Sc. finished 2014)
- The effects of steroid hormones in the expression pattern of the pluripotency factors of uterine tissue of the ovariectomized mice model of menopause (Davoudi M., M.Sc., 2014).
- Evaluation of the MMPs gene expression pattern of the isolated pre-antral follicles from the mice vitrified ovaries (Khosravi Sh., M.Sc., 2014)
- Evaluation of the TIMPs gene expression pattern of the isolated pre-antral follicles from the mice vitrified ovaries (Asadzadeh R., M.Sc., 2014)
- Evaluation of expression pattern of the pluripotency factors SOX-2, OCT-4, KLF-4, and NANOG of mice endometrial tissue during different stages of the normal estrous cycle.(Chubineh K., M.Sc., Finished 2013).
- The role of meiotic inhibitors and lipoic acid on developmental competence of mouse GV oocytes in the presence or absence of cumulus cell (M.Sc. , Rahnama Ali, Finished 2013).
- The effect of Lipoic acid on the production of reactive oxygen species (ROS) in vitrified mice pre-antral follicles using different methods (Hatami Sahar, M.Sc., Finished. 2013).
- The effect of lipoic acid on Reactive Oxygen Species (ROS) concentration of cultured mouse preantral follicles (Talebi Ali, M.Sc., finished).

