

Curriculum Vitae

Mehri Azadbakht

First name: Mehri

Surname: Azadbakht

Address: Dept of Biology, Faculty of Basic Sciences, Razi University, Kermanshah, Iran

Fax: +98 8314274545

E-mail:

mehriazadbakht@razi.ac.ir

azadbakhtm_tmu@yahoo.com

mehri.azadbakht@gmail.com

Education record

1. B.Sc: 1989, Biology, Razi University, Iran
2. M.Sc: 1999, Anatomical Sciences (Embryology, Histology, Anatomy) Tarbiat Modares University, Iran.
3. Ph.D: 2006, Anatomical Sciences (Embryology, Histology, Anatomy) Tarbiat Modares University, Iran.

Academic experiences

Lecturer and researcher, Dept of Biology, Faculty of Basic Sciences, Razi University, Kermanshah, Iran (from 2006 to now).

Elected head of Biology Dept, Faculty of Basic Sciences, Razi University, Kermanshah, Iran (2008-2010).

Associate Dean, Research & Postgraduate, Faculty of Basic Sciences, Razi University, Kermanshah, Iran (from 2012 to 2014).

Research interests:

In Vitro Embryo Development

In Vitro Ovarian Follicle Development

Vitrification of Embryo, Ovarian tissue and Ovarian Follicle

Differentiation of adult stem cells to neuron, adipocyte

Embryonic and post embryonic development in reproductive organs

Polycystic ovary

Thesis

1-The thesis to fulfill the M.Sc. degree presented to Tarbiat Modares University entitled: "Effects of retinoic acid on seminal vesicle development".

2 - The thesis to fulfill the Ph.D. degree presented to Tarbiat Modares University entitled: "Effects of polarized and non- polarized mouse endometrial epithelial cells on vitrified-warmed 2-cell mouse embryos with reference of cell death incidence".

Laboratory skills

- 1 - Light microscopy techniques
- 2 - Electron microscopy techniques (TEM, SEM)
- 3 - Immunohistochemistry techniques
- 4 - Cell culture
- 5 - RT-PCR technique
- 6 - Embryo culture and co-culture
- 7 - Embryo vitrification
- 8 - Embryo assessment (differential staining, tunnel staining)
- 9 - In vitro fertilization technique (in mouse)
- 10 - In vitro maturation of oocyte (in mouse)
- 11 - Stem cell culture and differentiation into neuron and adipocyte

Course taught

M.Sc. of Developmental biology	Embryology, Developmental biology
M.Sc. of Developmental biology	Electron microscopy methods
M.Sc. of Developmental biology	Cell and Tissue culture
M.Sc. of Developmental biology	Sex and sex determination
M.Sc. of Anatomical Sciences	General Histology
M.Sc. of Anatomical	General Anatomy
B.Sc. of Biology	General Histology
B.Sc. of Biology	General Embryology
B.Sc. of Biology	General Anatomy

Publications

a) Full Articles

- 1- Azadbakht M., Valojerdi MR., Altarihi T. The effect of retinoic acid on seminal vesicle epithelial cell. Journal of Iranian Anatomical Sciences, 2003, 1(2):43-51.
- 2- Azadbakht M., Valojerdi MR., Mowla SJ. Morphology and ultrastructure of mouse polarized endometrial epithelial cell monolayer in vitro. Journal of Iranian Anatomical Sciences, 2005, 3(1):39-48.
- 3- Azadbakht M., Valojerdi MR., Mowla SJ. Development of mouse embryos co-cultured with polarized or non-polarized uterine epithelial cells using sequential culture media Animal Reproduction Science (2007) 100 141–157
- 4- Sadri S., Davari-Zanjani M., Azadbakht M., Amini A., Amiri I. Effect of different doses of staurosporine for neuronal differentiation of PC12 cell line. Journal of Iranian anatomical sciences (2007) 5(19-20) 157-166

- 5- Azadbakht M., Valojerdi MR. Development of vitrified-warmed mouse embryos co-cultured with polarized or non-polarized uterine epithelial cells using sequential culture media. *J Assist Reprod Genet* (2008) 25:251–261
- 6- Shimizu Y., Kabir-Salmani M., Azadbakht M., Sugihara K., Sakai K., Iwashita M. Spatial expression and localization of Galectin-9 in the uterodome. *Endocrine journal* (2008) 55(5) 879-887
- 7- Sadri S., Davari-Zanjani M., Azadbakht M., Amini A., Hill M. Investigation of apoptosis induction in differentiated PC12 cells after exposure to hydrostatic pressure. *Yakhteh* (2008) 10 (2) 129-136
- 8- Davari-Zanjani M., Sadri S., Azadbakht M., Amini A., Hill M. Effect of hydrostatic pressure on PC12 cell line. *Journal of Iranian anatomical sciences* (2008) 6 (24) 423-434
- 9- Karimi I., Chalechale A., Bahiraie A., Azadbakht M. Larvae of *Taenia taeniaeformis* in the hepatobiliary system of *Mus musculus*. *The Internet Journal of Parasitic Diseases* (2009) 4 (1)
- 10- Raoufi A., Amini A., Azadbakht M., Abouzari M., Fathi F. In vitro differentiation of human umbilical vein mesenchymal stem cells into hepatocyte-like cells identified by cellular uptake of indocyanin green. (2010) *Sci J Iran Blood Transfus Org* 2010; 7(1): 34-40.
- 11- Motamedi R., Azadbakht M., Fathi F., Amini A., Ghaidari MI., Ezat Salehi. *In Vitro Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells into Cardiomyocyte-like Cells*. (2010) *Yakhteh Medical Journal* (12) 3 387-394
- 12- Raoufi A. , Amini A. , Azadbakht M. , Nikkhoo B., Aboozari M. , Fathi F In vitro differentiation of human umbilical vein mesenchymal stem cells into hepatocyte-like cells. *Sci J Iran Blood Transfus Org* 2011; 8(2): 79-87
- 13- Zhaleh H., Azadbakht M., Bidmeshkipour A. Effects of extracellular calcium concentration on neurite outgrowth in PC12 cells by staurosporine. (2011) *Neuroscience Letters* 498 (2011) 1–5
- 14- Moemeni M., Rashidi Z., Azadbakht M., Amini A. Effect of hydrostatic pressure on in vitro maturation of mouse oocytes. (2011) *Journal of Iranian Anatomical Sciences* 9(34) 1-12
- 15- Azadbakht M., Madaeni SS., Sahebamee F. Polyethersulfone Membranes for Cell Culture Systems. (December 2011), *Engineering in life science* 11, (6) 629–635.
- 16- Zhaleh H., Azadbakht M., Bidmeshkipour A. Possible involvement of calcium channels and plasma membrane receptors on Staurosporine-induced neurite outgrowth. (2012 Feb) *Bosn J Basic Med Sci.*; 12(1):20-5.

- 17- Zhaleh H., Azadbakht M., Bidmeshkipour A., Haramshahi SMA., Kehtari M. Effects of different concentrations of morphine on staurosporine-induced neurite outgrowth in PC12 cells. (Winter 2012) Journal of Iranian Anatomical Sciences, 9, (37), 317-328.
- 18- Rashidi Z., Azadbakht M., Khazaei M. Hydrostatic pressure improves in-vitro maturation of oocytes derived from vitrified-warmed mouse ovaries. (May 2012) Iran J Reprod Med 10(3), 257-264.
- 19- Zhaleh H, Bidmeshkipour A, Azadbakht M, Haramshahi M.A. Protective effects of morphine on serum deprivation-induced cell death in PC12 cells. (Nov 2013) J Babol Univ Med Sci 15(6), 44-51.
- 20- Najmi-Nejad S, Zhaleh H, Azadbakht M. Protective effects of morphine low concentration on dexamethasone-induced cell death in differentiated PC12 cells. (May 2013) J Babol Univ Med Sci 15(5), 7-16.
- 21- Kalhori Z, Azadbakht M , Bazdar A, Zeinali H. Polycystic Ovary Induction in Mouse by Testosterone Enantate. (2013) Journal of Fasa University of Medical Sciences 3 (4) 387-391.
- 22- Karimi N, Bahrami kamangar P, Azadbakht M, Amini A, Amiri I, Effects of Hydrostatic Pressure on Mouse Sperm. (2014) Bratislava Medical Journal 115(2), 74-79.
- 23- Rashidi Z, Azadbakh M, Amini A, Karimi I. Hydrostatic pressure affects the in vitro maturation of oocyte derived from in vitro grown follicles by inducing cell death in cumulus cells. (2014) Cell Journal (Yakhteh) 15(4)282-293.
- 24- Sayadi F., Hashemnia M., Rezaei F., Azadbakht M., Rastegar-Pouyani N. Concurrent Mesocoelium monas and Hyalomma spp. infection in *Acanthodactylus nilsoni*. (2014) Online Journal of Veterinary Research 18(4): 364-368.
- 25- Ghanbari E., Nejati V., Azadbakht M. Protective Effect of Royal Jelly against Renal Damage in Streptozotocin Induced Diabetic Rats. (2015) Iranian Journal of Toxicology 9(28): 1258-1263.
26. Raoufi A, Amini A, Azadbakht M, Farhadifar F, Nikkho B, Fathi4 F. Production of hepatocyte-like cells from human umbilical vein mesenchymal stem cells.Italin Journal of Anatomy and Embryology .(2015) 120(3): 150-161.
- 27- Javanmard F, Azadbakht M, Pourmoradi M. The effect of hydrostatic pressure on staurosporine-induced neural differentiation in mouse bone marrow mesenchymal stem cells. Bratislava Medical Journal (September 16, 2015), (Accepted)

b) Abstracts Presented in Congresses

1- Azadbakht M., Valogerdi MR., Altarihi T .The effects of retinoic acid on seminal vesicle development. Presented in the 5th International Congress of Anatomical Sciences of Iran, Tehran, Iran, (1380)

2- Azadbakht M., Valogerdi MR. Comparison of developmental potential of mouse embryos in two culture systems; Co-culture on endometrial epithelial cells and sequential culture media G1.3/G2.3. Presented in the 2th Congress on Applied Biology (International Approach) Mashhad, Iran, (2004)

3- Azadbakht M., Valogerdi MR, Mowla SJ. Morphology and ultrstructure of mouse endometrial epithelial cell monolayer cultured on matrigel in dual chambered system. 13th World Congress on In Vitro Fertilization, Assisted Reproduction and Genetics, Turkey, (2005)

4- Azadbakht M., Kabir-Salmani M., Nikzad H. Modulation of Trophoblast Cells Adhesion by Galectins: A role in Implantation. 1th seminar of Academic Society of Iranian in Japan, Tokyo, Japan, (2006)

5- Sadri S., Davari M., Azadbakht M., Amini A. Effect of different doses and time exposure of staurosporine on viability and morphology of PC-12 cells. 2th National Conference of Animal Science Guilan, Iran, (2007)

6- Davari-Zanjani M., Sadri S., Azadbakht M., Amini A., Hill M. Effect of hydrostatic pressure on PC12 cell line. 2th National Conference of Animal Science Guilan, Iran, (2007)

7- Barandeh B., Azadbakht M., Amini A. Reduction of toxic and teratogenic effects of retinoic acid by curcumin on mouse embryos. 2th National Conference of Animal Science Guilan, Iran, (2007)

8- Nori A.M, Amini A, Azadbakht M., Bkhtyari M., Haghani K. Differentiation of mouse bone marrow stromal cells to kardiomyocyte-like cells in culture and analyzing by immunocytochemistry. 2th National Conference of Animal Science Guilan, Iran, (2007)

9- Azadbakht M., Valogerdi M., Mowla SJ. Apoptosis in mouse embryos co-cultured with polarized or non-polarized uterine epithelial cells using sequential culture media. 8th Royan International Research Award, Tehran Iran, (2007)

10 - Amini A, Azadfar N, Nori A.M, Harighi M J, Fathi F, Azadbakht M. The effect of 5-azacytidine on bone marrow stromal cell differentiation into the cardiomyocyte-like cell. 8th Royan International Research Award, Tehran, Iran, (2007)

11- Azadbakht M, Kabir-Salmani M, Rezazadeh Valogerdi M, Iwashita M. Galectin-9: Spatial expression and subcellular localization in the human endometrium. 8th Royan International Research Award, Tehran, Iran, (2007)

- 12- Sadri S, Davari M, Azadbakht M, Amini A. Effect of different doses of staurosporine for neuronal differentiation of PC12 cell line. 15th national and 3th international Conference of biology, Tehran, Iran, (2008)
- 13- Sadri S, Davari M, Azadbakht M, Amini A. Effect of hydrostatic pressure on PC12 cell line. 15th national and 3th international Conference of biology, Tehran, Iran, (2008)
- 14- Sadri S, Davari-Zanjani M, Azadbakht M, Amini A, Hill M. Hydrostatic pressure induced apoptosis in differentiated pc-12 cells. The acian-Pacific international congress of anatomists and 8th congress of anatomical sciences Tehran, Iran, (2008)
- 15- Azadbakht M, Valojerdi MR., Mowla SJ. Development of vitrified-warmed mouse embryos co-cultured with polarized or non-polarized uterine epithelial cells using sequential culture media. Alpha , 7th biennial conference, Istanbul, Taurkey (2008)
- 16- Motamedi R, Azadbakht M, Fathi F, Amini A, Raoufi A, Amini S. In vitro differentiation of human bone marrow stromal cells into cardiomyocyte. 1st conference on biology & biotechnology Islamic Azad University- Sanandaj (2009)
- 17 - Raoufi A, Amini A, Azadbakht M, Abouzari M, Fathi F. In vitro differentiation of human umbilical vein mesenchymal stem cells into hepatocyte-like cells. 1st conference on biology & biotechnology Islamic Azad University, Sanandaj,Iran, (2009)
- 18 - Karimi N, Azadbakht M, Amini A, Amiri I. Induce Effect of hydrostatic pressure on sperm vital parameters. 1st conference on biology & biotechnology Islamic Azad University,Sanandaj,Iran, (2009)
- 19 – Rashidi Z, Azadbakht M, Amini A. Effect of hydrostatic pressure with induced cell death in cumulus cells on preovulatory follicles produced in vitro. 1st conference on biology & biotechnology Islamic Azad University, Sanandaj, Iran, (2009)
- 20 – Bahrami-Kamangar P, Azadbakht M, Amini A, Amiri I. Effect of hydrostatic pressure exposure to sperm on in vitro fertilization. 1st conference on biology & biotechnology Islamic Azad University, Sanandaj,Iran (2009)
- 21- Rashidi Z, Azadbakht M, Amini A. Effect of hydrostatic pressure on cumulus and oocyte complex derived from in vitro cultured preantral follicles. 15th World Congress on In Vitro Fertilization, Geneva, Switzerland, (2009)
- 22- Rashidi Z, Azadbakht M, Amini A. Effect of hydrostatic pressure on in vitro maturation of oocytes derived from in vitro cultured preantral follicles. 15th World Congress on In Vitro Fertilization, Geneva, Switzerland, (2009)

- 23- Momeni M., Azadbakht M., Amini A The effect of hydrostatic pressure on in vitro maturation of oocytes derived from the stimulated and unstimulated ovary. 10th congress on reproductive biomedicine & 5th congress on stem cell biology and, Tehran, Iran, (2009)
- 24- Bahrami-Kamangar P, Azadbakht M, Amini A, Amiri I. Effect of hydrostatic pressure exposure to sperm on in vitro fertilization. 10th congress on reproductive biomedicine & 5th congress on stem cell biology, Tehran, Iran, (2009)
- 25- Karimi N, Azadbakht M, Amini A, Amiri I. Adverse effect of hydrostatic pressure on sperm vital parameters. 10th congress on reproductive biomedicine & 5th congress on stem cell biology, Tehran, Iran, (2009)
- 26- Rashidi Z, Azadbakht M, Amini A. Investigation of cell death in cumulus and oocyte complex (cox) of preovulatory follicle in vitro after exposure to hydrostatic pressure. 10th congress on reproductive biomedicine & 5th congress on stem cell biology and, Tehran, Iran, (2009)
- 27- Rashidi Z, Azadbakht M, Amini A. In vitro maturation of oocytes derived from preovulatory follicle after exposure to hydrostatic pressure. 10th congress on reproductive biomedicine & 5th congress on stem cell biology and, Tehran, Iran, (2009)
- 27- Rashidi Z, Azadbakht M, Amini A. In vitro maturation of oocytes derived from preovulatory follicles produced in vitro after exposure to hydrostatic pressure. 10th congress on reproductive biomedicine & 5th congress on stem cell biology and, Tehran, Iran, (2009)
- 28- Motamedy R , Azadbakht M , Fathi F , Amini A , Raoufi A , Amini S. In vitro differentiation of human bone marrow-derived mesenchymal stem cells into cardiomyocytes. 10th congress on reproductive biomedicine & 5th congress on stem cell biology and, Tehran, Iran, (2009)
- 29- Raoufi A, Amini A, Fathi F, Azadbakht M, Motamedy R, Amini S. In vitro differentiation of human umbilical vein mesenchymal stem cells into hepatocyte-like cells. 10th congress on reproductive biomedicine & 5th congress on stem cell biology and, Tehran, Iran, (2009)
- 30- Rashidi Z, Khazaie M, Azadbakht M, Sadri S. Effect of hydrostatic pressure on in vitro maturation of oocyte in preovulatory follicles from cryopreserved ovarian tissue. 16th Congress of Iranian society for Reproductive Medicine, Yazd, Iran, (2010)
- 30- Rashidi Z, Khazaie M, Azadbakht M, Sadri S. The effect of hydrostatic pressure on preovulatory mouse follicles produced from vitrified mouse ovarian tissue. 16th Congress of Iranian society for Reproductive Medicine, Shiraz, Iran, (2010)
- 31- Tahamoli-Rudsari, Azadbakht M, Amini A. Effects of Insulin-like Growth Factor-I on Differentiated PC12 Cells after Exposure to Hydrostatic Pressure. 9th congress of anatomical sciences Hamedan, Iran, (2010)

- 32- Zhaleh H, Bidmeshki Pour A, Azadbakht M. The effects of acute different concentrations of morphine on neurite elongation in PC12 cells. 9th congress of anatomical sciences Hamedan, Iran, (2010)
- 33- Karimi N, Azadbakht M, Amini A, Amiri I. Investigation pathological effects of hydrostatic pressure on mouse sperm. 9th congress of anatomical sciences Hamedan, Iran, (2010)
- 34- Karimi N, Azadbakht M, Amini A, Amiri I. Induce of Hyperactivation in Human Sperm after Exposed to Hydrostatic Pressure. 9th congress of anatomical sciences Hamedan, Iran, (2010)
- 35- Azadbakht M, Kabir-Salmani M, Iwashita M. Comparison of galectin-9 and galectin-3 expression and localization in the human uterodome. 3th world congress on mild approaches in assisted reproduction, Yokohama, Japan, (2010)
- 36- Azadbakht M, Bazdar A, Amini A. Effect of progesterone in cultures of follicles derived from polycystic ovaries (PCO) mouse model. 3th world congress on mild approaches in assisted reproduction, Yokohama, Japan, (2010)
- 37- Khazaei M, Rashidi Z, Azadbakht M, Sadri S. Hydrostatic pressure induced cell death in cumulus cells and improved in vitro maturation of oocytes from preovulatory follicles. 11th congress on reproductive biomedicine, Tehran, Iran, (2010)
- 38- Fathi F, Raoufi A, Amini A, Azadbakht M. In vitro differentiation of human umbilical vein mesenchymal stem cells into hepatocyte-like cells. The 16th international congress of the international society of differentiation, Nara, Japan, (2010)
- 39- Zhaleh H, Azadbakht M, Bidmeshki Pour A. Effect of acute different concentrations of morphine on effects of staurosporine on neurite outgrowth and cell death in PC12 cells. National symposium of neuroscience , Gorgan, Iran, (2011)
- 40- Zhaleh H, Bidmeshki Pour A, Azadbakht M. Morphine inhibits serum deprivation-induced cell death in PC12 cells. National symposium of neuroscience , Gorgan, Iran, (2011)
- 41- Zhaleh H, Azadbakht M, Bidmeshki Pour A. The role of phosphoinositid pathway in staurosporine induced neurite outgrowth in PC12 cells. National symposium of neuroscience , Gorgan, Iran, (2011)
- 42- Mortazavi M, Azadbakht M. Parthenogenetic activation of mouse oocytes by hydrostatic pressure. 4th yazd international congress and student award in reproductive medicine, Yazd, Iran, (2011)

- 43- Ghanbari T, Khazaei M, Azadbakht M, Sadri S. Investigation of different doses of vincristine for breast cancer stem cells isolation and purification. Iranian congress on biology and applications of stem cells, Mashhad, Iran, (2011)
- 44- Haramshahi M, Yaghoobi S, Azadbakht M. Effect of morphine on mouse bone marrow mesenchymal stem cells. Iranian congress on biology and applications of stem cells, Mashhad, Iran, (2011)
- 45- Yaghoobi S, Haramshahi M, Azadbakht M. The effect of morphine on neurite outgrowth mouse bone marrow mesenchymal stem cells. Iranian congress on biology and applications of stem cells, Mashhad, Iran, (2011)
- 46- Azadbakht ., Madaeni S, Sahebamee F. Polyethersulfone membranes for cell culture systems. 12th Iranian congress of biochemistry & 4th international congress of biochemistry and molecular biology, mashhad, Iran, (2011)
- 47- Najmi-Nejad S, Azadbakht M, Zhaleh H. Effect of dexamethasone on neurite outgrowth in PC12 cells. 12th Iranian congress of biochemistry & 4th international congress of biochemistry and molecular biology, mashhad, Iran, (2011)
- 48- Rabzia A, Azadbakht M, Bidmeshki Pour A, Akrami H. The effect of different concentrations of morphine and extracellular Ca²⁺ on cell death in PC12 cell line. 12th Iranian congress of biochemistry & 4th international congress of biochemistry and molecular biology, mashhad, Iran, (2011)
- 49- Ghambarali Z., Azadbakht M., Bidmeshkipour A., Akrami H., Rabzia A. Anti-migratory effect of ethanolic extract of fig (*Ficus carica*) leaf on human umbilical vein endothelial cells. 12th Iranian congress of biochemistry & 4th international congress of biochemistry and molecular biology, mashhad, Iran, (2011)
- 50- Ghanbari T, Azadbakht M, Khazaei M, Sadri S, Vaisi-raygani A, Mozafari H, Bahremand F. Simple and efficient method for cancer stem cells isolation from human breast cancer cell line MDA-MB231. 7th Royan international congress on stem cell biology & technology, Tehran, Iran, (2011)
- 51- Haramshahi MA, Azadbakht M, Kehtari M. Effect of different concentration of staurosporine on neurite outgrowth in mouse bone marrow mesenchymalstem cells. 7th Royan international congress on stem cell biology & technology, Tehran, Iran, (2011)
- 52- Kalhori Z, Azadbakht M, Zeinali H. The effect of hydrostatic pressure on the in vitro maturation of preantral follicles derived from polycystic ovaries in mouse model. 12th royan international congress on reproductive biomedicine, Tehran, Iran, (2011)
- 53- Zeinali H, Azadbakht M, Kalhori Z. The effect of extracellular calcium concentration on the in vitro maturation of mouse oocytes after mechanical stimulation by hydrostatic pressure. 12th royan international congress on reproductive biomedicine, Tehran, Iran, (2011)

- 54- Shani S, Azadbakht M. The effect of hydrostatic pressure on mouse sperm hyperactivation. 12th royan international congress on reproductive biomedicine, Tehran, Iran, (2011)
- 55- Bazdar A, Azadbakht M, Amini A. Polycystic ovary syndrome induction in NMRI mice by testosterone enantate. 12th royan international congress on reproductive biomedicine, Tehran, Iran, (2011)
- 56- Mortazavi M, Azadbakht M. The effect of hydrostatic pressure on parthenogenetic activation of mouse oocytes derived from in vitro grown ovarian follicles. 12th royan international congress on reproductive biomedicine, Tehran, Iran, (2011)
- 57- Bashiri Z., Azadbakht M., The Effect of Calcium Ionophore A231867 and Ethanol Parthenogenetic Activation of Mouse Oocytes in Presence of Hydrostatic Pressure and Sytochalasin B. 15th Congress on Reproductive Biomedicine, 3-5 September 2014.
- 58- Geravandi SH., Azadbakht M., The Effect of Zinc in Vitrification Medium on In Vitro growth of Follicles Derived from Vitrified-Warmed Mouse Ovary. 15th Congress on Reproductive Biomedicine, 3-5 September 2014.
- 59- Maleki Gorgani A., Azadbakht M., Effects of Cobalt Chloride and Chromium Chloride on development of Mouse Testes. 15th Congress on Reproductive Biomedicine, 3-5 September 2014.
- 60- Zale Samangani K., Azadbakht M., The effects of Vanadium in Vitrification Medium on In Vitro Growth of Follicles Derived from Vitrified-Warmed Mouse Ovary. 15th Congress on Reproductive Biomedicine, 3-5 September 2014.
- 61- Bashiri Z, Azadbakht M., Chromosomal Analysis of Parthenogenetic Mouse Embryos Generated from In Vitro Activated Oocytes by Hydrostatic Pressure and Ethanol and Cytochalasin B. 15th Congress on Reproductive Biomedicine, 3-5 September 2014.
- 62- Amini Z, Azadbakht M., Effects of Indomethacin on Postnatal Development of Mouse Testes. 10th Congress on Stem Cell Biology and Technology, 3-5 September 2014.
- 63- Pourmoradi M, Azadbakht M, Goodarzashti A., Effect of Chromium Chloride on Adipogenic Differentiation in Mouse Bone Marrow Mesenchymal Stem Cells. 10th Congress on Stem Cell Biology and Technology, 3-5 September 2014.

SEARCH PROJECT LEADER

- 1- Effect of hydrostatic pressure on PC-12 cell line.
- 2- Differentiation of PC-12 cell line by staurosporine.
- 3- Effect of hydrostatic pressure on mouse ovarian follicle maturation.
- 4- The effect of hydrostatic pressure on mouse ovarian follicles produced from vitrified mouse ovarian tissue.
- 5- The effect of different concentration of staurosporine on neurite outgrowth in mouse bone marrow mesenchymal stem cells
- 6- The effect of hydrostatic pressure on PC12 cell-extracellular matrix interaction

Awards

Winner in 8th Royan International Research Award (2007)

Distinguished researcher at Faculty of Basic Sciences, Razi University (2008)

Distinguished researcher at Biology Department, Faculty of Basic Sciences, Razi University (2009)

Referees

Dr. Valojerdi M.R., Department of Anatomical Sciences, School of Medical sciences, Tarbiat Modares University, Tehran, Iran.

Others:

Research visitor in Department of Obstetrics and Gynecology, Kyorin University, School of Medicine, Tokyo, Japan (2005-2006)

Training course (human embryology) in Royan Institute, Tehran, Iran (2011)

Organizer and scientific manager of Workshop on Cell Culture Techniques (An advanced, two-day laboratory training on cell culture Techniques), February 23 to 24, 2014 Razi University, Kermanshah, Iran for postgraduate biology students from University of Babylon, Iraq

Clinical embryologist in infertility treatment center of ACECR ,Kermanshah, Iran (from 2017)