

Resume



A. Personal Data

First Name: Iraj

Surname: Amiri

Place of Birth: Hamedan, Iran

Date Of Birth: 21/03/1965 , Married,2 children

Address:

Work: Department of Anatomy and embryology, School of Medicine, Hamedan University of Medical Sciences, Hamedan, Iran

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B. Education:

1- Postdoctoral fellow In IVF and Embryo cryopreservation, Department of Obs.&Gy of medicine ,Yamagata University, **Yamagata , Japan**, Octb. 1,2000-March 31,2001

2-Ph.D. In Anatomical Sciences, minors: Embryology, School of medicine, **Tehran University of Medical Sciences, Tehran, Iran**, 1995-2000.

3-M.Sc. In Anatomical Sciences, School of medicine, **Tehran University of Medical Sciences, Tehran, Iran**, 1989-91

4-B.Sc in Physioterapy , school of Rehabilitation, Tehran University of Medical Sciences, Tehran, Iran, 1984-88

C-Training

1-Training course in vitrification and embryo freezing, Dept. Obstetrics and Gynaecology, **Monash University.Melbourn,Australia, October 2010.**

2- Training course in IVM, McGill Reproductive Centre, *Montreal, Canada. Sept. 2007*

3- Training Course in infertility, Department of Obs.&Gyn, Gent University Hospital, Gent ,Belgium, 10/11/2006-25/11/2006

D: Work Experience:

IVF Lab supervisor 07/2018-present

Omid fertility and infertility center., Hamadan, Iran

Establishment and operation of Embryology / Andrology Labs and perform all techniques related to infertility including IVF, ICSI, Embryo freezing, AH, Sperm Preparation ,IVM

IVF Lab supervisor 03/2002-11/2020

Fatemieh Infertility center., Hamedan, Iran

Manage of Embryology / Andrology Labs and perform all techniques related to infertility including IVF, ICSI, Embryo freezing, AH, Sperm Preparation ,IVM

Vice president of the Janin Goster Barvar Omid (JGBO) Co. 2018-present

Janin Goster Barvar Omid (JGBO) Co. Hamedan, Iran

One of the founding members of the JGBO Co. and **Vice president of and** member of the board directors and shareholder and collaborator in the establishment of OMID fertility and Infertility center in Hamedan under the ownership of this company.

Member of founding board and high council of Endometr and endometriosis research center 2008-present

Research Center For Molecular medicine, Hamadan University of Medical Sciences, Hamedan, Iran

One of the founding members and scientific committee of this research center and conducting important research projects in the field of Cancer and molecular medicine.

Member of founding board and high council of center 2007-present

Research Center For Molecular medicine, Hamadan University of Medical Sciences, Hamedan, Iran

One of the founding members and scientific committee of this research center and conducting important research projects in the field of fertility, infertility and cell therapy.

Professor and Chairman of Department of Anatomy and embryology 2012-present

Department of Anatomy and embryology, School of Medicine, Hamedan University of Medical Sciences, Hamedan, Iran

Member of scientific Board 1993-present

Department of Anatomy and embryology, School of Medicine, Hamedan University of Medical Sciences, Hamedan, Iran

D-Teaching:

- 1-Teaching of Embryology to medical students for 28years, Hamedan university of Medical Sciences, Hamedan , Iran
- 2-Teaching of Anatomy to medical and paramedical students for 28 years, Hamedan university of Medical Sciences, Hamedan , Iran
- 3-Teaching of Embryology and Anatomy to Anatomy(Ms.C) students for 15 years, Hamedan university of Medical Sciences, Hamedan , Iran
- 4- Teaching of Cell Culture Ph.D students for 10 years, Hamedan university of Medical Sciences, Hamedan , Iran

D: Publications

Original Articles:

- 1-Artificial testis: a testicular tissue extracellular matrix as a potential bio-ink for 3D printing. Bashiri Z, **Amiri I**, Gholipourmalekabadi M, Falak R, Asgari H, Maki CB, Moghaddaszadeh A, Koruji M. *Biomater Sci.* **2021** May 4;9(9):3465-3484. doi: 10.1039/d0bm02209h. PMID: 33949391 2021
- 2-Male Factors: the Role of Sperm in Preimplantation Embryo Quality. Bashiri Z, Amidi F, **Amiri I**, Zandieh Z, Maki CB, Mohammadi F, Amiri S, Koruji M. *Reprod Sci.* **2021** Jul;28(7):1788-1811. doi: 10.1007/s43032-020-00334-z. Epub 2020 Nov 2. PMID: 33140326 Review. 2021
- 3-Antiapoptotic and antioxidative effects of cerium oxide nanoparticles on the testicular tissues of streptozotocin-induced diabetic rats: An experimental study T Solgi, I Amiri, SS Asl, M Saidijam, BM Seresht, T Artimani 2021
International Journal of Reproductive Biomedicine 19 (7), 589
- 4-Administration of Selenium Nanoparticles Reverses Streptozotocin-Induced Neurotoxicity in the male rats B Gholamigeravand, S Shahidi, I Amiri, A Samzadeh-Kermani, ... 2021
Metabolic Brain Disease, 1-8
- 5-ADAMTS proteoglycanases downregulation with impaired oocyte quality in PCOS **I Amiri**, M Saidijam, M Yavangi, E Khanlarzadeh, N Mohammadpour, ... 2021
Archives of Endocrinology and Metabolism 65, 60-66
- 6-Treadmill exercise improves memory and increases hippocampal BDNF in a rat model of Alzheimer's Disease . R Abshenas, T Artimani, **I Amiri**, S Shahidi, S Soleimani Asl 2020
Physiology and Pharmacology, 250-256
- 7-Effects of treadmill exercise and preconditioned bone marrow-derived mesenchymal stem cells transplantation on A β -induced neurotoxicity in male rats R Abshenas, T Artimani, **I Amiri**, S Shahidi, R Najafi, S Soleimani Asl 2020
Koomesh 22 (2), 325-333
Journal of Environmental Science and Technology 22 (2), 287-297
- 8-Treadmill exercise enhances the promoting effects of preconditioned stem cells on memory and neurogenesis in A β -induced neurotoxicity in the rats R Abshenas, T Artimani, S Shahidi, A Ranjbar, A Komaki, I Salehi, **I Amiri**, ... 2020
Life sciences 249, 117482

- 9-A comparison of in vitro fertilization-embryo transfer outcome by two types of soft embryo transfer catheters
S Rabiei, M Yavangi, M Farimani, **I Amiri**, M Fallah, H Bahrami, ... 2020
Biomedical Research and Therapy 7 (3), 3678-3685
- 9-Comparative Investigation of the Levels of BDNF and NGF Genes Expressions in the Brains of Male and Female Newborn Methimazole-Induced hypothyroidism in NMRI mice
HA Behrooz, **I Amiri**, NH Roodbari
Egyptian Academic Journal of Biological Sciences, E. Medical Entomology ... 2019
- 10-Dimethylxalylglycine preconditioning enhances protective effects of bone marrow-derived mesenchymal stem cells in A β - induced Alzheimer disease.
Esmaeilzade B, Artimani T, **Amiri I**, Najafi R, Shahidi S, Sabec M, Farzadinia P, Zare M, Zahiri M, Soleimani Asl S. *Physiol Behav.* 2019 Feb 1;199:265-272. doi: 10.1016/j.physbeh.2018.11.034. Epub 2018 Nov 27. PMID: 30500334 2019
- 11-Sperm matrix metalloproteinase-2 activity increased in pregnant couples treated with intrauterine insemination: a prospective case control study
S Sharifi, R Mohseni, I Amiri, H Tavalani
Journal of obstetrics and gynaecology 39 (5), 675-680 2019
- 12-The Effects of virgin coconut oil on prevention of Alzheimer's Disease
F Mirzaei, M Khazaei, A Komaki, I Amiri, C Jalili Jundishapur Journal of Natural Pharmaceutical Products 14 (4) 2019
- 13- Multitarget Effects of Coconut Oil (Virgin Type) on A β -Induced Alzheimer's Disease Animal Model
F Mirzaei, M Khazaei, A Komaki, I Amiri, C Jalili Archives of Neuroscience 6 (2) 2019
- 14-The Effect of Methimazole-Induced Hypothyroidism on fertility in female Rats
I Amiri, N HayatiRoodbari .Journal of Torbat Heydariyeh University of Medical Sciences 6 (3), 37-47 2018
- 15-Effect of Calcium-enriched Mixture (CEM) cement on increasing mineralization in stem cells from the dental pulps of human exfoliated deciduous teeth
R Rafatjou, I Amiri, A Janeshin 1 2018
Journal of dental research, dental clinics, dental prospects 12 (4), 233
- 16-Activity of Matrix Metalloproteinase 2 and 9 in Follicular Fluid and Seminal Plasma and Its Relation to Embryo Quality and Fertilization Rate.
Atabakhsh M, Khodadadi I, **Amiri I**, Mahjub H, Tavalani H. *J Reprod Infertil.* 2018 Jul-Sep;19(3):140-145. 2018
- 17-Amelioration of diabetes-induced testicular and sperm damage in rats by cerium oxide nanoparticle treatment. Artimani T, **Amiri I**, Soleimani Asl S, Saidijam M, Hasanvand D, Afshar S. *Andrologia.* 2018 Jul 18:e13089. doi: 10.1111/and.13089. [Epub ahead of print]

- 18-Effects of CeO₂ nanoparticles on the HO-1, NQO1, and GCLC expression in the testes of diabetic rats.Hasanvand D, **Amiri I**, Soleimani Asl S, Saidijam M, Shabab N, Artimani T.Can J Physiol Pharmacol. 2018 Sep;96(9):963-969. doi: 10.1139/cjpp-2017-0784. Epub 2018 Jun 12.
- 19-Multifunction interferometry using the electron mobility visibility and mean free path relationship.Pornsuwancharoen N, Youplao P, Amiri IS, Aziz MS, Tran QL, Ali J, Yupapin P, Grattan KTV.Microsc Res Tech. 2018 May 8. doi: 10.1002/jemt.23049. [Epub ahead of print]
- 20-Virgin coconut oil (VCO) by normalizing NLRP3 inflammasome showed potential neuroprotective effects in Amyloid-β induced toxicity and high-fat diet fed rat.Mirzaei F, Khazaei M, Komaki A, **Amiri I**, Jalili C.Food Chem Toxicol. 2018 Aug;118:68-83. doi: 10.1016/j.fct.2018.04.064. Epub 2018 May 2
- 21-Association between seminal plasma neopterin and oxidative stress in male infertility: A case-control study.Ghiasvand T, Goodarzi MT, Shafiee G, Zamani A, Karimi J, Ghorbani M, **Amiri I**.Int J Reprod Biomed (Yazd). 2018 Feb;16(2):93-100.
- 22-Evaluation of the p53 and Thioredoxin reductase in sperm from asthenozoospermic males in comparison to normozoospermic males.Moradi MN, Karimi J, Khodadadi I, **Amiri I**, Karami M, Saidijam M, Vatannejad A, Tavilani H.Free Radic Biol Med. 2018 Feb 20;116:123-128. doi: 10.1016/j.freeradbiomed.2017.12.038. Epub 2018 Jan 2.
- 23-Sublethal concentration of H₂O₂ enhances the protective effect of mesenchymal stem cells in rat model of spinal cord injury.Rahimi A, **Amiri I**, Roushandeh AM, Choshali ZG, Alizadeh Z, Artimani T, Afshar S, Asl SS.Biotechnol Lett. 2018 Mar;40(3):609-615. doi: 10.1007/s10529-017-2499-7. Epub 2017 Dec 29.
- 24-Comparison of in vitro properties of periodontal ligament stem cells derived from permanent and deciduous teeth.Khoshhal M, **Amiri I**, Gholami L.J Dent Res Dent Clin Dent Prospects. 2017 Summer;11(3):140-148. doi: 10.15171/joddd.2017.026. Epub 2017 Sep
- 25-Gene Polymorphism of Matrix Metalloproteinase 9 in Asthenozoospermic Male Subjects.Mohagheghi S, Khodadadi I, Karami M, **Amiri I**, Tavilani H.Int J Fertil Steril. 2018 Jan;11(4):247-252. doi: 0.22074/ijfs.2018.5038. Epub 2017 Oct 12
- 26-Erratum to: Treadmill exercise alters ecstasy- induced long- term potentiation disruption in the hippocampus of male rats.Sajadi A, **Amiri I**, Gharebaghi A, Komaki A, Asadbegi M, Shahidi S, Mehdizadeh M, Asl SS.Metab Brain Dis. 2017 Dec;32(6):2165. doi: 10.1007/s11011-017-0114-1.
- 27-Treadmill exercise alters ecstasy- induced long- term potentiation disruption in the hippocampus of male rats.Sajadi A, **Amiri I**, Gharebaghi A, Komaki A, Asadbegi M, Shahidi S, Mehdizadeh M, Soleimani Asl S.Metab Brain Dis. 2017 Oct;32(5):1603-1607.

doi: 10.1007/s11011-017-0046-9. Epub 2017 Jun 13. Erratum in: Metab Brain Dis. 2017 Sep 25;:.

28-Treadmill exercise attenuates 3,4-methylenedioxymethamphetamine-induced memory impairment through a decrease apoptosis in male rat hippocampus.Gharebaghi A, **Amiri I**, Salehi I, Shahidi S, Komaki A, Mehdizadeh M, Moravej FG, Asl SS.J Neurosci Res. 2017 Dec;95(12):2448-2455. doi: 10.1002/jnr.24078. Epub 2017 May 11.

29-Comparison of Periodontal Ligament Stem Cells Isolated from the Periodontium of Healthy Teeth and Periodontitis-Affected Teeth.Soheilifar S, **Amiri I**, Bidgoli M, Hedayatipannah M.J Dent (Tehran). 2016 Aug;13(4):271-278.

30-The Effect of 1 α ,25(OH)2D3 on Osteogenic Differentiation of Stem Cells from Dental Pulp of Exfoliated Deciduous Teeth.Mojarad F, **Amiri I**, Rafatjou R, Janeshin A, Farhadian M.J Dent (Shiraz). 2016 Dec;17(4):348-353.

31-Serum levels of lycopene, beta-carotene, and retinol and their correlation with sperm DNA damage in normospermic and infertile men.Ghyasvand T, Goodarzi MT, **Amiri I**, Karimi J, Ghorbani M.Int J Reprod Biomed (Yazd). 2015 Dec;13(12):787-92.

32-Protective effects of Glutathione supplementation against oxidative stress during cryopreservation of human spermatozoa .Ghorbani M, Vatannejad A, Khodadadi I, Amiri I, Tavilani H.Cryo Letters. 2016 Jan-Feb;37(1):34-40.

33-Serum levels of lycopene, beta-carotene, and retinol and their correlation with sperm DNA damage in normospermic and infertile men.
Ghyasvand T, Goodarzi MT, Amiri I, Karimi J, Ghorbani M.
Int J Reprod Biomed (Yazd). 2015 Dec;13(12):787-92.

34-Downregulation of adiponectin system in granulosa cells and low levels of HMW adiponectin in PCOS.
Artimani T, Saidijam M, Aflatoonian R, Ashrafi M, Amiri I, Yavangi M, SoleimaniAsl S, Shabab N, Karimi J, Mehdizadeh M. J Assist Reprod Genet. 2016 Jan;33(1):101-10. doi: 10.1007/s10815-015-0620-1. Epub 2015 Dec 2.

35-Comparing Viability of Periodontal Ligament Stem Cells Isolated From Erupted and Impacted Tooth Root.Dalband M, Amiri I, Soltanian AR, Gholami M, Khayati A, Keshmirypor V.J Craniofac Surg. 2015 Oct;26(7):e608-12. doi: 10.1097/SCS.0000000000002112.

36-The Role of G22 A Adenosine Deaminase 1 Gene Polymorphism and the Activities of ADA Isoenzymes in Fertile and Infertile Men.
Fattahi A, Khodadadi I, Amiri I, Latifi Z, Ghorbani M, Tavilani H.
Urology. 2015 Oct;86(4):730-4. doi: 10.1016/j.urology.2015.06.034. Epub 2015 Jul 9.

37-Increment of Access Points in Integrated System of Wavelength Division Multiplexed Passive Optical Network Radio over Fiber.
Amiri IS, Alavi SE, Soltanian MR, Faisal N, Supa'at AS, Ahmad H.
Sci Rep. 2015 Jul 8;5:11897. doi: 10.1038/srep11897.

38-Generation and transmission of 3×3 W-Band multi-input multi-output orthogonal frequency division multiplexing-radio-over-fiber signals using micro-ring resonators.

Alavi SE, Amiri IS, Ahmad H, Supa'at AS, Faisal N.

Appl Opt. 2014 Dec 1;53(34):8049-54. doi: 10.1364/AO.53.008049.

39-Estrogen and progesterone receptor subtype expression in granulosa cells from women with polycystic ovary syndrome. Artimani T, Saidijam M, Aflatoonian R, Amiri I, Ashrafi M, Shabab N, Mohammadpour N, Mehdizadeh M. *Gynecol Endocrinol*. 2015 May;31(5):379-83. doi: 10.3109/09513590.2014.1001733. Epub 2015 Jan 21.

40- Comparisons between Two Antioxidant Butylated Hydroxytoluene and Glutathione Supplemented Cryopreservation Medium on Human Sperm DNA Integrity. Marzieh Ghorbani, Heidar Tavilani, Iraj Khodadadi , Iraj Amir. *Anatomical Sciences*:May 2015, Volume 12, Number 2

41- Marzieh Ghorbani , Iraj Amiri , Iraj Khodadadi , Amir Fattahi , Mojgan Atabakhsh , and Heidar Tavilani. Influence of BHT inclusion on post-thaw attributes of human semen. *Syst Biol Reprod Med*, Early Online: 1–5,2014

42- Amiri I, Ghorbani M, Heshmati S. Comparison of the DNA Fragmentation and the Sperm Parameters after Processing by the Density Gradient and the Swim up Methods. *J Clin Diagn Res*. 2012 Nov;6(9):1451-3. doi: 10.7860/JCDR/2012/4198.2530.

43-Setarehbad, R., Vatannejad, A., Vaisi-Raygani, A., Amiri, I., Esfahani, M., Fattahi, A., Tavilani, H. Apolipoprotein e genotypes of fertile and infertile men (2012) *Systems Biology in Reproductive Medicine*, 58 (5), pp. 263-267.

44- Mahmoudi, R., Rajaei, F., Kashani, I.R., Abbasi, M., Amidi, F., Sobhani, A., Amiri, I. The rate of blastocysts production following vitrification with step-wise equilibration of immature mouse oocytes (2012) *Iranian Journal of Reproductive Medicine*, 10 (5), pp. 453-458.

45- Karimi, J., Goodarzi, M.T., Tavilani, H., Khodadadi, I., Amiri, I. Increased receptor for advanced glycation end products in spermatozoa of diabetic men and its association with sperm nuclear DNA fragmentation (2012) *Andrologia*, 44 (1), pp. 280-286.

46- Amiri, I., Karimi, J., Piri, H., Goodarzi, M.T., Tavilani, H., Khodadadi, I., Ghorbani, M. Association between nitric oxide and 8-hydroxydeoxyguanosine levels in semen of diabetic men (2011) *Systems Biology in Reproductive Medicine*, 57 (6), pp. 292-295.

47- Vatannejad, A., Khodadadi, I., Amiri, I., Vaisi-Raygani, A., Ghorbani, M., Tavilani, H. Genetic variation of hormone sensitive lipase and male infertility (2011) *Systems Biology in Reproductive Medicine*, 57 (6), pp. 288-291.

48- Sheikh, N., Amiri, I., Farimani, M., Yavangi, M., Rabiee, S. Interleukin 6, interleukin 1?, estradiol and testosterone concentrations in serum and follicular fluid of females with stimulated and non-stimulated ovaries (2011) *African Journal of Biotechnology*, 10 (46), pp. 9410-9414.

- 49- Sanoee, M.F., Neghab, N., Rabiee, S., Amiri, I. Metformin therapy decreases hyperandrogenism and ovarian volume in women with polycystic ovary syndrome (2011) *Iranian Journal of Medical Sciences*, 36 (2), pp. 90-95.
- 50- Nasiri, E., Mahmoudi, R., Bahadori, M.H., Amiri, I. The effect of retinoic acid on in vitro maturation and fertilization rate of mouse germinal vesicle stage oocytes (2011) *Cell Journal*, 13 (1), pp. 19-24.
- 51- Karimi, J., Goodarzi, M.T., Tavilani, H., Khodadadi, I., Amiri, I. Relationship between advanced glycation end products and increased lipid peroxidation in semen of diabetic men (2011) *Diabetes Research and Clinical Practice*, 91 (1), pp. 61-66.
- 52- Mahmodi, R., Abbasi, M., Amiri, I., Kashani, I.R., Pasbakhsh, P., Saadipour, K., Amidi, F., Sobhani, A. Cumulus cell role on mouse germinal vesicle oocyte maturation, fertilization, and subsequent embryo development to blastocyst stage in Vitro (*Yakhteh Medical Journal* (2009) 11, 3, (299-302).
- 53- Sheikh, N., Amiri, I., Najafi, R., Goodarzi, M.T. The correlation between total antioxidant capacity and nitric oxide concentration in seminal plasma with sperm DNA damage (2010) *African Journal of Biotechnology*, 9 (35), pp. 5739-5745.
- 54- Mahmodi, R., Abbasi, M., Amiri, I., Kashani, I.R., Pasbakhsh, P., Saadipour, K., Amidi, F., Sobhani, A. Cumulus cell role on mouse germinal vesicle oocyte maturation, fertilization, and subsequent embryo development to blastocyst stage in vitro (2009) *Yakhteh*, 11 (3), pp. 299-337.
- 55- Amiri, I., Mirahadi, N., Amini, A., Parvini, M., Heidarbeigi, K. The effects of LIF and EGF on mouse oocyte maturation, fertilization and development in vitro (2009) *Iranian Journal of Reproductive Medicine*, 7 (4), pp. 189-194.
- 56- Mahmoudi, R., Amiri, I., Pasbakhsh, P., Kashani, I.R., Abbasi, M., Aboulhasani, F., Mehrannia, T., Sobhani, A. The effects of vitrification on spindle apparatus of in vitro matured germinal vesicle in mice (2008) *Iranian Journal of Reproductive Medicine*, 6 (4), pp. 209-215.
- 57- Sheikh, N., Amiri, I., Farimani, M., Najafi, R., Hedeie, J. Correlation between sperm parameters and sperm DNA fragmentation in fertile and infertile men (2008) *Iranian Journal of Reproductive Medicine*, 6 (1), pp. 13-18.
- 58- Amiri, I., Prvini, M., Amini, A., Heidarbeigi, K., Mirahadi, N. Relevance of LIF and EGF on mouse preimplantation embryo development (2008) *Yakhteh*, 10 (3), pp. 213-217.
- 59- Amiri, I., Sheikh, N., Najafi, R. Nitric oxide level in seminal plasma and its relation with sperm DNA damages (2007) *Iranian Biomedical Journal*, 11 (4), pp. 259-264.
- 60- Farimani, M., Amiri, I. Analysis of prognostic factors for successful outcome in patients undergoing intrauterine insemination (2007) *Acta Medica Iranica*, 45 (2), pp. 101-106.
- 61- Amiri, I., Sheike, N., Najafi, R. Nitric oxide level in seminal plasma of fertile and infertile males and its correlation with sperm parameters (2006) *Daru*, 14 (4), pp. 197-202.

- 62- Arami, M.K., Sarihi, A., Malacoti, S.M., Behzadi, G., Vahabian, M., Amiri, I.
The effect of nucleus tractus solitarius nitric oxidergic neurons on blood pressure in diabetic rats(2006) *Iranian Biomedical Journal*, 10 (1), pp. 15-19.
- 63- Nasiri, E., Amiri, I., Zamani, A.R., Pourghasem, M. Nitric oxide-induced apoptosis in human granulosa cells (2005) *Yakhteh*, 7 (26), pp. 80-121.
- 64- Arami, M.K., Sarihi, A., Behzadi, J., Malakouti, S.M., Amiri, I., Ekbatani, R.Z.
The effect of hyperglycemia on nitric oxidergic neurons in nucleus tractus solitarius and blood pressure regulation in rats with induced diabetes
(2005) *Iranian Journal of Diabetes and Lipid Disorders*, 4 (3), pp. E2-E2.
- 65- Barbarestani, M., Amiri, I., Abolhassani, F., Dehpour, A., Niknafs, B., Neamatollahi, S.N., Abdolvahabi, S.A. The role of L-arginine in control of apoptosis in preimplantation mouse embryos cultured in high glucose media (2004) *Daru*, 12 (1), pp. 18-23.
- 66- Amiri, I., Sobhani, A., Abolhassani, F., Omidinia, E., Akbari, M., Farimani, M.
The effect of nitric oxide on mouse pre-implantation embryo development and apoptosis
(2003) *Iranian Biomedical Journal*, 7 (3), pp. 107-111.
- 67- Iraj Amiri, Ali Amini, Maryam Parvini, Khadijeh Heidarbeigi, Narges Mirahadi, Relevance of LIF and EGF on mouse preimplantation embryo development, *Yakhteh Medical Journal*. 2008;10(3):213-217
- 68- Reza Mahmoudi, Aligholi Subhani, Parichehr Pasbakhsh, Farid Abolhasani, Iraj Amiri, Mozhddeh Salehnia, Farideh Etesam. In vitro maturation and fertilization capacity of mouse GV-stage Oocyte following stepwise vitrification, *Journal of clinical and Diagnostic Research*. 2008;(2):1234-1239
- 69- Amiri I.,Mahmodi R., Babalhavaeji H., Sheikh N., Najafi R. Effects of carnitine on sperm parameters in infertile males with idiopathic asthenospermia . *Armaghane Danesh*. 2008;12(4):65-71
- 70-Nasrin Sheikh,Iraj Amiri, Marzieh Farimani, Rezvan Najafi, Jafar Hadeie. Correlation between sperm parameters and sperm DNA fragmentation in fertile and infertile men. *Iranian Journal of Reproductive Medicine*. 2008;6(1):13-18 [indexed in ISI].
- 71- Marzieh Farimani, Iraj Amiri, Sedigheh Hoseini, Day 3 serum inhibin- B Level is not predictive of ovarian assisted reproductive technologies outcome. *Iranian Journal of Reproductive Medicine*. 2006;4(1):1-5
- 72- Iraj Amiri, Ebrahim Nasiri, Reza Mahmodi , The effect of Vitamin E in prevention of developmental defects of diabetic rats embryos. *Journal of Medical Faculty , Guilan University University of Medical Sciences*. 2006,15(59),1-7.
- 73- Reza Mahmoudi, Aligholi Subhani, Parichehr Pasbakhsh, Farid Abolhasani, Iraj Amiri, Mozhddeh Salehnia, Farideh Etesam : The Effects of Cumulus cells on In-vitro Maturation of Mouse Germinal Vesicle Stage Oocytes. *Iranian Journal of Reproductive Medicine*, vol.3, No.2, 74-78, 2005.

74- Ebrahim Nasiri, Ali Reza Dehpour, Ali Reza Zamani, Iraj Amiri : Effects of Obstructive Cholestasis on sperm parameters in the adult rats. Scientific journal of Hamadan university of medical sciences and Health services, Vol.12, No. 3,36-41, Autumn 2005.

75- Ebrahim Nasiri, Iraj Amiri., Ali Reza Zamani, Pourghasem M, Ali Reza Dehpour: Nitric oxide-induced apoptosis in human granulosa cells. Yakhteh medical journal, vol.7, 2005

45-Marzieh Farimani, Iraj Amiri, Yavangi M, : Who is Preferred to do Intra Utrine Insemination, journal of Research in Health Sciences, Vol.4(2):32-34, 2004.

76-M. Farimani, M. Ashrafi, I. Amiri, Yavangi M, : Evaluation Criteria for Prediction Ovarian Responses to COH in IVF/ICSI, Scientific journal of Hamadan university of medical sciences and Health services, Vol.10, Supplement 4, Winter 2004.

77- Iraj Amiri, Hassan Marzban, Mohammad Barbarestani, Ahmad Reza Dehpour: The Study of Effects of Nitric Oxide in control of embryonic defects in high glucosis media, Scientific journal of Hamadan university of medical sciences and Health services, Vol.10, No3, Autumn 2003.

78- Amiri I., Hedayatpour A., Abolhasani F., Sobhani A. et al: The effects of High glucosis on in vitro development of pre-implantation mouse embryos, Daneshver, No 45, p.5-14, June 2003.

79-Amiri I., Barbarestani M., Marzban H., Niknafs B., Acid Ascorbic diminishes developmental damages induced in preimplantation embryos in high glucose media. Arch of Razi, No.52, P:75-81, 2001.

80- Amiri I., Marzban H., Barbarestani M., Nematollahi N.: Effects of L-arginine on development of mouse pre-implantation embryos in culture media with high glucose level. Med. Journal of Reproduction and infertility, Vol.2, Issue 7, P:4-12, 2001.

E. Peresentation in International Conferences:

1- Association between nitric oxide and 8-hydroxydeoxyguanosine levels in semen of diabetic men. 27nd Annual Meeting of The European Society of Human Reproduction and Embryology. 2011; Stockholm, Sweden.

2- The correlation between total antioxidant capacity and nitric oxide concentration in seminal plasma with sperm DNA damage. 26nd Annual Meeting of The European Society of Human Reproduction and Embryology. 2010; Rome, Italy.

3- The effects of LIF and EGF on mouse oocyte maturation, fertilization and development in vitro. 18th, World Congress of In vitro fertilization. 2009, Geneve, Switzzeland.

4- Cumulus cell function During mouse germinal vesicle Oocyte maturation fertilization and embryo development to blastocyst in vitro , MEFS middle east fertility society. 2008, Hammamat, Tunisia

- 5- The comparison of DNA fragmentation and sperm parameters after processing by density gradient swim up methods. *MEFS middle east fertility society. 2008 ,Hammamat,Tunisia*
- 6- Effects of retinoic acid on the blastocysts development and inner cell mass in mouse embryos. *The Asian- pacific international congress of Anatomists 8th iranian congress of Anatomical sciences. 2008;Tehran,Iran*
- 7-*Rapid Vitrification of mouse germinal vesicle oocyte.17th,World Congress of In vitro fertilization.2007,Montreal,.Canada.*
- 8- Nitric Oxide level in seminal plasma and its relation with sperm parameter and DNA damages. 22nd Annual Meeting of The European Society of Human Reproduction and Embryology. 2006; Prague, Czech Republic
- 9- Clinically identifiable congenital neurologic malformation in the labour wards of Hamadan,West of Iran, Fourteen Meeting of the European Neurological Society. 2004; Barcelona,Spain.
- 10-Apoptosis in granulosa cells and its relation with in vitro fertilization and cleavage rates in women with PCOS and tubal infertility, PCOS intrnational symposium, September 4-7,2003,Antalya,Turkey.
- 11- The Effect of Nitric Oxide on Mouse preimplantation embryo development and Apoptosis,17th International Symposium on Morphological Sciences,Sept.11-5-2002,Timisoara,Romani.
- 12- Variations of gastrointestinal arteries in Iran .The 1th Asian Pasific International Congress of Anatomists. Agust 22-24, 1996, Seoul, Korea.

F-Membership :

- 1-European Society of Human Reproduction and Embryology (ESHRE)
- 2-Iranan Society of Fertility and Infertility
- 3-Iranian Society of Anatomical Sciences