

## Curriculum Vita

**Name:** Tahereh

**Surname:** Talaei-Khozani

**Address:** Department of Anatomy, Medical School, Shiraz University of Medical Sciences, Shiraz Iran

### Education:

- B.Sc Biology, Shiraz University of Medical Science, 1987
- Msc Histological Sciences, Tehran University of Medical Sciences, 1990
- PhD Anatomical Sciences (Histology & Embryology), Mashhad University of Medical Sciences, 1999

### Faculty Appointment:

- 1990-1991, instructor of histology in Fassa medical School
- 1991-1999, instructor of histology in medical school of University of Medical Sciences
- 1999-present, assistant professor of University of Medical Sciences
- 2003, A Member of evaluation committee of Shiraz Medical School
- 2004- 2014, Member of board Committee of anatomical sciences in ministry of health
- 2004, Member of scientific Committee of 6<sup>th</sup> Anatomical Sciences Congress in Shiraz Medical School
- 2002-2005, working in Zeinabyh IVF center, Shiraz, Iran
- 2005-2009, head of anatomy department
- 2011-2015, head of tissue engineering department
- 2012-2016, head of Anatomy department
- 2014-now, head of stem cell and tissue engineering incubator center in Shiraz University of Medical Sciences

### Teaching Experience:

- Teaching histology of medical, dental, pharmaceutical and physiotherapy students
- Teaching embryology of the medical , dental students
- Teaching the Histology, histochemistry and Embryology to Ms and PhD student of Anatomy
- Teaching the Histology to Ms and PhD students Physiology, Parasitology

### Skills:

- Stem cell culture & tissue engineering
- Liver tissue engineering
- Bone tissue engineering
- Gonad reconstruction and tissue engineering

### Technology development:

- Design of elistolab application, an application for learning histology slides, (<https://play.google.com/store/apps/details?id=com.ehistolab>), (<https://apps.apple.com/us/app/ehistolab/id1527931366?ign-mpt=uo%3D2>)

## **Publications:**

1. Ebrahim RM, Zarrin V, Mahmoodzadeh A, Owrang M, **Talaei-Khozani T**. Comparison of the characteristics of breast milk-derived stem cells with the stem cells derived from the other sources: a comparative review. *Current stem cell research and therapy*, in press
2. Hooshmand-Ardakani A, **Talaei-Khozani T**, Sadat-Shojai M, et al, In Vitro Characterization of Multilamellar Fibers with Uniaxially Oriented Electrospun Type I Collagen Scaffolds. *Advances in Materials Science and Engineering* 2020
3. Aliabadi E, Makoolati Z, **Talaei-Khozani T**, Ardekani FM, Aliabadi. A Histochemical Study of the Rat Uterine Glycoconjugate Alteration following Treatment with Exogenous Gonadotropic Hormones during the Implantation Period. *BioMed Research International* 2020
4. Kangari P, **Talaei-Khozani T**, Razeghian-Jahromi I, Razmkhah M. Mesenchymal stem cells: amazing remedies for bone and cartilage defects. *Stem Cell Research & Therapy* 11 (1), 1-21
5. Emami A, **Talaei-Khozani T**, Tavanafar S, Zareifard N, Azarpira N et al. Synergic effects of decellularized bone matrix, hydroxyapatite, and extracellular vesicles on repairing of the rabbit mandibular bone defect model. *Journal of translational medicine* 18 (1), 1-18
6. Shadravanan M, Latifi M, Vojdani Z, **Talaei-Khozani T**. Fabrication of Pentoxifylline-Loaded Hydroxyapatite/Alginate Scaffold for Bone Tissue Engineering. *Journal of Biomimetics, Biomaterials and Biomedical Engineering* 47, 25-40
7. Khorraminejad-Shirazi MH, Sani M, **Talaei-Khozani T**, Dorvash MR, Malihe Mirzaei M, Faghihi MA, Monabati A, Attar A. AICAR and nicotinamide treatment synergistically augment the proliferation and attenuate senescence-associated changes in mesenchymal stromal cells. *Stem Cell Res Ther*. 2020 Feb 3;11(1):45. doi: 10.1186/s13287-020-1565-6.
8. M Erfanizadeh, A Noorafshan, MR Namavar, S Karbalay-Doust, **Talaei-Khozani T**. Curcumin prevents neuronal loss and structural changes in the superior cervical (sympathetic) ganglion induced by chronic sleep deprivation, in the rat model. *Biological Research* 53 (1), 1-15
9. Soleimani A, Fard NZ, **Talaei-Khozani T**, Bahmanpour S. Epidermal growth factor and three-dimensional scaffolds provide conducive environment for differentiation of mouse embryonic stem cells into oocyte-like cells. *Cell Biol Int*. 2020 May 21. doi: 10.1002/cbin.11391.
10. Emami A, **Talaei-Khozani T**, Vojdani Z, Zarei Fard N. Comparative assessment of the efficiency of various decellularization agents for bone tissue engineering. *J Biomed Mater Res B Appl Biomater*. 2020 Jul 5. doi: 10.1002/jbm.b.34677.

11. **Talaei-Khozani T**, Aleahmad F, Bazrafshan A, Aliabadi E, Vojdani Z. .Lectin Profile Variation in Mesenchymal Stem Cells Derived from Different Sources. *Cells Tissues Organs*. 2019;208(3-4):101-112. doi: 10.1159/000505238.
12. Hassanajili S, Karami-Pour A, Oryan A, **Talaei-Khozani T**. Preparation and characterization of PLA/PCL/HA composite scaffolds using indirect 3D printing for bone tissue engineering. *Mater Sci Eng C Mater Biol Appl*. 2019 Nov;104:109960. doi: 10.1016/j.msec.2019.109960.
13. Naeem EM, Sajad D, **Talaei-Khozani T**, Khajeh S, Azarpira N, Alaei S, Tanideh N, Reza TM, Razban V. Decellularized liver transplant could be recellularized in rat partial hepatectomy model. *J Biomed Mater Res A*. 2019 Nov;107(11):2576-2588. doi: 10.1002/jbm.a.36763
14. Masjedi F, Keshtgar S, Zal F, **Talaei-Khozani T**, Sameti S, Fallahi S, Kazeroni M. Effects of vitamin D on steroidogenesis, reactive oxygen species production, and enzymatic antioxidant defense in human granulosa cells of normal and polycystic ovaries. *J Steroid Biochem Mol Biol*. 2020 Nov 6;197:105521. doi: 10.1016/j.jsbmb.2019.105521.
15. Bahmanpour S, **Talaei Khozani T**, Soleimani A, Zareifard N. Germ cell differentiation of mouse embryonic stem cells can be influenced by the culture medium. *Biotech Histochem*. 2019 Oct 16:1-9. doi: 10.1080/10520295.2019.1665711.
16. Kargar E, Vojdani Z, Hassanpour A, Alaei S, **Talaei-Khozani T**. Charetrization, recellularizion and transplantation of the rat testis Scaffold with bone marrow derived mesenchymal stem cells.. *Stem Cell Research & Therapy*. 2018 Nov 21;9(1):324. doi: 10.1186/s13287-018-1062-3.
17. Bahmanpour S, **Talaei Khozani T**, Rezaei Tazangi F. Evaluation of the Capability of the Wharton's Jelly Mesenchymal Stem Cell Aggregates to Express the Markers of Three Germ Cell Lineages. *Arch Iran Med*. 2019 Feb 1;22(2):85-90.
18. Pajokh M, Mesbah F, Bordbar H, **Talaei-Khozani T**. Different cell death types determination in juvenile mice ovarian follicles. *Iran J Vet Res*. 2018 Fall;19(4):298-303.
19. Hassanpour A, **Talaei-Khozani T**, Kargar E, Razban V, Vojdani Z. Decellularized Human Ovarian Scaffold based on a Sodium Lauryl Ester Sulfate (SLES)-treated protocol, as a Natural Three-Dimensional Scaffold for Construction of Bioengineered Ovaries. *Stem Cell Research & Therapy*. 9(1):252.
20. Shahsavari-Pour S, Aliabadi E, Latifi M, Zareifard N, Namavar MR, **Talaei-Khozani T**. Evaluation of the Possible Synergic Regenerative Effects of Platelet-Rich Plasma and Hydroxyapatite/Zirconia in the Rabbit Mandible Defect Model. *Iranian Journal of Medical Sciences*. In press.

21. Latifi M, **Talaei-Khozani T**, Mehraban-Jahromi H, Sani M, Sadeghi-Atabadi M, Fazel-Anvari A, Kabir-Salmani M. Fabrication of platelet-rich plasma heparin sulfate/hydroxyapatite/zirconia scaffold. *Bioinspired, Biomimetic and Nanobiomaterials*. In press
22. Mesbah F, Pracha AD, **Talaei-Khozani T**, Bahmanpour S. The effects of activated omental extract on nuclear and cytoplasmic in vitro maturation of rat oocytes. *Iran J Basic Med Sci*. 2017 Dec;20(12):1345-1353. doi: 10.22038/IJBMS.2017.9622.
23. Mostafavi-Pour Z, Ashrafi MR, **Talaei-Khozani T**. Down regulation of ITGA4 and ITGA5 genes after formation of 3D spherules by human Wharton's jelly stem cells (hWJSCs). *Mol Biol Rep*. 2018 Jun;45(3):245-252. doi: 10.1007/s11033-018-4157-0. Epub 2018 Feb 6.
24. Pajokh M, **Talaei-Khozani T**, Bordbar H, Mesbah f. Apoptosis, Autophagy, and Necrosis in Murine Embryonic Gonadal Ridges and Neonatal Ovaries: An Animal Model. *Journal of Basic Medical Sciences*, 2018
25. Vojdani Z, Bagheri J, **Talaei-Khozani T**, Azarpira N, Salmannjad M, Farokhi A. Fetal microchimerism in mouse caerulein-induced pancreatitis model. *Iranian Journal of Basic Medical Sciences*, 2018,
26. Sani F, Mehdipour F, **Talaei-Khozani T**, Sani M, Razban V. Fabrication of platelet-rich plasma/silica scaffolds for bone tissue engineering. *Bioinspired, Biomimetic and Nanobiomaterials*. 2018,4 doi.org/10.1680/jbibn.17.00007
27. M Mohamadpour, A Noorafshan, S Karbalay-Doust, T **Talaei-Khozani**, Aliabadi E. Protective effects of curcumin co-treatment in rats with establishing chronic variable stress on testis and reproductive hormones. *International Journal of Reproductive BioMedicine* 15 (7), 447-452
28. E Aliabadi, Z Makoolati, T **Talaei-Khozani**, FM Ardekani. Stress affects surface glycoconjugates of the rat endometrium at the time of implantation. *Glycoconj J*. 2017 Oct;34(5):671-677. doi: 10.1007/s10719-017-9791-6.
29. E Aliabadi, S Jahanshahi, T **Talaei-Khozani**, M Banaei. Comparison and evaluation of capacitation and acrosomal reaction in freeze-thawed human ejaculated spermatozoa treated with L-carnitine and pentoxifylline. *Andrologia*. 2018 Mar;50(2). doi: 10.1111/and.12845.
30. M Sani, S Ebrahimi, F Aleahmad, M Salmannejad, SM Hosseini, **T Talaei-Khozani**. Differentiation Potential of Breast Milk-Derived Mesenchymal Stem Cells into Hepatocyte-Like Cells. *Tissue Engineering and Regenerative Medicine*, 1-7
31. F Zarifi, S Rafiee, M Borhan-haghighi, T **Talaei-Khozani**, E Aliabadi. Lectin histochemisry showed a heterogeneous population of cells among human mesenchymal stem cells isolated from

adipose tissue. *Journal of Advanced Medical Sciences and Applied Technologies* 2017, 3 (2), 77-84

32. Aleahmad F, Ebrahimi S, Salmannezhad M, Azarnia A, Jaberipour M, Hoseini M, **Talaei-Khozani T**. Heparin/Collagen 3D Scaffold Accelerates Hepatocyte Differentiation of Wharton's Jelly-Derived Mesenchymal Stem Cells. *Tissue Eng Regen Med*, 2017, , DOI 10.1007/s13770-017-0048-z
33. Aleahmad F, **Talaei-Khozani T**, Ebrahimi S, Salmannezhad M, Azarnia A, Jaberipour M, Hoseini M. Fabrication and Characterization of Heparin/Collagen Sponge for in,.Vitro Differentiation of Wharton's Jelly-Derived Mesenchymal Stem Cells into Hepatocytes. *Hepat Mon*. 2017, doi: 10.5812/hepatmon.40599
34. Moghadam A, **Khozani TT**, Mafi A, Namavar MR, Dehghani F. Effects of Platelet-Rich Plasma on Kidney Regeneration in Gentamicin-Induced Nephrotoxicity. *J Korean Med Sci*. 2017 Jan;32:e2.
35. Sadeghi-Ataabadi M, Mostafavi-pour Z, Vojdani Z, Sani M, Latifi M, **Talaei-Khozani T**. Fabrication and characterization of platelet-rich plasma scaffolds for tissue engineering applications. *Materials Science and Engineering*. 2017; 71:372-380, <http://dx.doi.org/10.1016/j.msec.2016.10.001>
36. Anvari-Yazdi AF, Tahermanesh K, Hadavi SMM, **Talaei-Khozani T**, Razmkhoh M, Mehr Abed M, Mohtasebi M. Cytotoxicity assessment of adipose-derived mesenchymal stem cells on synthesized biodegradable Mg-Zn-Ca alloys. *Materials Science and Engineering: C*. 2016. doi:10.1016/j.msec.2016.07.016\_
37. Mafi A, Dehghani F, Moghadam A, Noorafshan A, Vojdani Z, **Talaei-Khozani T**. Effects of platelet-rich plasma on liver regeneration in CCl4-induced hepatotoxicity model. *Platelets*. 2016 Jun 2:1-6.
38. **Talaei-Khozani T**, Khodabandeh Z, Jaberipour M, Hossaini A, Bahmanpour S , Z Vojdani. The effect of Fibroblast growth factor-4 on expression of Hepatic nuclear factor-4 as a main gene in hepatogenesis during 2D and 3D culture system. *Rom J Morphl Embryol*. 2016, 55(4) 1365-70.
39. Zahra Vojdani, Ali Babaei, Attyeh Vasaghy, Mojtaba Habibagahi, **Tahereh Talaei-Khozani**. Impact of amniotic membrane extract on umbilical cord blood mesenchymal stem cell expansion; is it any need to save amniotic membrane besides umbilical cord blood? *Iranian J of Basic Med Sci*. 2016; 19(2): 154.

40. Razmkhoah M, Ayatollahi M, **Talaei-Khozani T**. Growth suppression effect of human mesenchymal stem cells from bone marrow, adipose tissue, and umbilical cord Wharton's jelly. *Iranian J of Basic Med Sci*. 2016; 19(1): 89
41. **Talaei-Khozani T**, Borhani-Haghighi M, Ayatollahi M, Vojdani Z. An in vitro model for hepatocyte-like cell differentiation from Wharton's jelly derived-mesenchymal stem cells by cell-base aggregates. *Gastroenterology and Hepatology from bed to bench*. 2015; 8 (3), 188
42. Khodabandeh Z, Vojdani Z, Jaberipour M, Hossaini A, Bahmanpour S, **Talaei-Khozani T**. Improved differentiation of mesenchymal stem cells into hepatocyte-like cells using FGF4 and IGF-1 in 3D culture. *International Journals of Stem Cell Research and Transplantation (IJST)*, 2015; 3(3):109-117
43. Vojdani Z, Khodabandeh Z, Jaberipour M, Hossaini A, Bahmanpour S, **Talaei-Khozani T**. The influence of fibroblast growth factor 4 on hepatogenic capacity of Wharton's jelly mesenchymal stromal cells. *Rom J Morphl Embryol*. 2015; 56(3): 1043-1050.
44. Hossaini M, Vassaghi A, **Talaei-Khozani T**. Differentiation of Wharton's Jelly Mesenchymal Stem Cells to Neuron and Motor Neuron in Alginate Scaffold. *Neural Regeneration Research*.2015; 10(8):1213
45. Bahmanpour S Zareefard N, **Talaei-Khozani T**, Hossaini A, Esmaelpour T. The effect of BMP4 preceded by retinoic acid and co-culturing ovarian somatic cells on differentiation of mouse embryonic stem cells into oocyte-like cells. *Development Growth and Differentiation* 57(8): 377-388.
46. Sani M, Hosseini SM, Salmannejad M, Aleahmad F, Ebrahimi S, Jahanshahi S, **Talaei-Khozani T**. Origins of the breast milk-derived cells; an endeavor to find the cell sources. *Cell Biol Int*. 2015 Jan 9. doi: 10.1002/cbin.10432
47. Hossaini M, **Talaei-Khozani T**, Sani M, Differentiation of Human Breast-milk Stem Cells to Neural Stem Cells and Neurons. *Neural Res Int*. 2014;2014:807896. doi: 10.1155/2014/807896. Epub 2014 Nov 25
48. **Talaei-Khozani T**, Zareifard N, Bahmanpour S, Jaberipour M, Hosseine A, Esmaeilpour T. Delayed BMP4 exposure increases germ cell differentiation in mouse embryonic stem cells. *Rom J Morphl Embryol*. 2014, 55(3):297-303
49. Khodabandeh Z, Vojdani Z, **Talaei-Khozani T**, Jaberipour M, Hosseine A, Esmaeilpour T. Comparison of the expression of hepatic markers by human Wharton's jelly mesenchymal stem cells cultured in 2D and 3D collagen culture systems. *IJMS*, 2016, Iranian journal of medical sciences 2016

50. Borhani-Haghighi M, **Talaei-Khozani T**, Ayatollahi M, Vojdani Z. Wharton's jelly-derived mesenchymal stem cells can differentiate into hepatocyte-like cells by HepG cell line extract. *IJMS*, 40 (2)143-151.
51. **Talaei-Khozani T**, Heidari F, Esmaeilpour T, Vojdani Z, Mostafavi-pour Z, Cardiomyocyte markers expression in mouse embryonic fibroblasts by cell-free cardiomyocyte extract and epigenetic manipulation. *IJMS*, 39 (2), 2014: 203-212
52. Bahmanpour S, **Talaei-Khozani T**, Zareifard N, Jaberipour M, Hosseini A, Esmaelpour T. A comparison of the multiple oocyte maturation gene expression patterns between the newborn and adult mouse ovary. *IJRM*, 1013, 11(10): 815-822
53. **Talaei-Khozani T**, Vojdani Z, Aliabadi E. A study of the glycoconjugates distribution of umbilical cord; a lectin histochemical study. *J infertility Reprod Biol*. 2013, 1:7-13.
54. Aliabadi E, Karimi F, **Talaei-Khozani T**. Effects of L-Carnitine and Pentoxifylline on Carbohydrate Distribution of Mouse Testicular Sperm Membrane. *IJMS*. 38, No 2, 2013
55. Fazel Anvari-Yazdi A, Yazdani A, **Talaei-Khozani T**, Kalantar M. Extraction and Viability Checking of Various Carbonated Hydroxyapatite by Wharton's Jelly Mesenchymal Stem Cell. *Science International*, 2013;1(5) : 132-138
56. Bordbar H, Mesbah F, **Talaei-Khozani T**, Dehghani F. Modulatory effect of gonadotropins on the rats' ovaries after administration of nanderlon deconate: A stereological study. *IJMS*.2014, 39(1): 44-50.
57. Monsefi M, Feraydoni B, Rohani L, **Talaei-Khozani T**. Mesenchymal stem cells repair germinal cell of seminiferous tubules in sterile rats. *IJRM*. 2013; 11(7):537-544.
58. Bahmanpour S, Namavar MR, **Talaei-Khozani T**, Mazaheri Z. The effect of the follicular fluid on sperm chromatin quality in comparison with conventional media. *Eur Rev Med Pharmacol Sci*. 2012; 16: 1840-1846
59. Dehghan F, Heshmatpour A, Panjehshahin MR, **Talaei-Khozani T**. Toxic effects of water/alcoholic extract of *Syzygium aromaticum* on sperm quality, sex hormones and reproductive tissues in male mouse. *IUFSJ J Biol* 2012, 71 (2): 95-102
60. Parvin F, Monsefi M, **Talaei-Khozani T**, Effect of Pomegranate Juice on Bone Calcium Content and Body Weight of Adult Mice. *Zahedan J Res Med Sci* 2013 Sep; 15: 29-31
61. Mostafavi-Pour Z, Keihani S, **Talaei-Khozani T**, Mokaram P, Fardaei M, Rohani L, Ebadat S, Sardarian A. Expression of  $\alpha 2$ ,  $\alpha 5$  and  $\alpha 6$  subunits of integrin in de-differentiated NIH3T3 cells by cell-free extract of embryonic stem cells. *Mol Biol Rep*. 2012 Jul; 39(7):7339-46.

62. **Talaei-Khozani T**, Kharazinejad E, Rohani I, Vojdani Z, Mostafavi-pour Z, Tabei SZ, Expression of pluripotency markers in human granulosa cells after embryonic stem cell extract exposure and epigenetic modification. *IJRM*, 2012, 10 (3); 193-200
63. **Talaei-Khozani T**, Monsefi M, Ghasemi M. Lectins influence chondrogenesis and osteogenesis in limb bud mesenchymal cells. *Glycoconj J*, 2011, 28(2):89-98. DOI 10.1007/s10719-011-9326-5
64. Vojdani Z, Tavskolinejad S, **Talaei-khozani T**, Esmailpour T, Rasooli M. Cardiomyocyte marker expression in a human lymphocyte cell line by mouse cardiomyocyte extract. *Human cell*, 2011, 24:35-42
65. Dehghani F, Heshmatpour A, Panjehshahin MR, Talaei Khozani T. Toxic effects of water/alcoholic extract of *Syzygium aromaticum* on sperm quality, sex hormones and reproductive tissues in male mouse' *IUFSJ J Biol* 2012, 71 (2): 95-102
66. **Talaei-Khozani T**, Vojdani Z, Dehghani F, Heidari E, Kharazinejad E, Panjehshahin MR. Toxic effects of *Elaeagnus angustifolia* fruit extract on chondrogenesis and osteogenesis in mouse limb buds. *Tokai J Exp Clin Med*. 2011 Sep 20;36(3):63-70.
67. Aliabadi E, Solaimani meheanjani M, Borzoei Z, **Talaei-Khozani T**, Mirkhani H, Tabesh H. Effects of L-carnitine and L-acetyl-carnitine on testicular sperm motility and chromatin quality. *IJRM*, 2012; 10(2),77-82.
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69. **Talaei-Khozani T**, Borzpei Z, Bahmanpour S, Zolghadr J, Dehbashi H, Zareh HR. Effects of sera taken from women with recurrent spontaneous abortion on sperm motility and apoptosis. *IJRM*, 2011, 9 (3), 125-130
70. **Talaei T**, Esmailpour T, Akiyash, Bahmanpour S. Effects of cryopreservation on plasma membrane glycoconjugates of human spermatozoa. *IJRM*, 8(3): 119-144 2010.
71. Bahmanpour S, Namavar MR, **Talaei T**, Mazaheri Z, Monabati A. The effects of follicular fluid on human X, Y bearing sperm ratio by Fluorescent in Situ Hybridization (FISH), *IJRM*, 7(3): 129-133, 2009.
72. Cornish SM, Chilibeck PD, Paus-Jenness L, H. Biem J, **Talaei-Khozani T**, Senanayake V, Vatanparast H, Little JP, Whiting SJ, Pahwa P. A randomized controlled trial of the effects of flaxseed lignan complex on metabolic syndrome composite score and bone mineral in older adults. *Appl. Physiol. Nutr. Metab*. 2009; 34: 89–98
73. Willson PJ, **Talaei Khozani T**, Juurlink BH, Senthilsevan A, Rennie DC, Gerds V, Gawaziuk J, Schneberger D, Luranell H, Burch H, Dosman JA. In vitro production of TNF- alpha by human



- monocytes stimulated with lipopolysaccharide is positively correlated with increased blood monocytes after exposure to a swine barn. *Journal of toxicology and environmental health*. 2008, 71: 1401-1406
74. A.R. Aminsharifi , T. Talaei , V. Kumar , B. Sabayan ,S. Samani , E. Mohamadhoseini. A postulated role of testosterone for prevention of cisplatin gonadal toxicity. *Medical Hypotheses* (2007) 68, 525–527
75. Bahmanpour S, Talaei T, Vijdani Z, panjehshahin MR, poostpasand A, Zareei S, Ghaemini M. effect of Phoenix Dactylifera pollen on sperm parameters and reproductive system of adult male rats. *Iranian Journal of medical sciences*. 2006, 31(4) 208-212
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78. Dehghani F, Talaei Kozani T, Panjehshahin MR, Panahi Z. The toxic effects of hydro alcoholic extract of kiwi on the histological structure of the male rat reproductive tissue. *Iranian journal of science and technology*, 2005;8(3):211-216.
79. Panjehshahin MR, Dehghani F, Talaei T, Panahi Z. The effects of hydroalcoholic extract of kiwi on sperm count and motility and the level of estradiol and testosterone in male rat. *Archive of Iranian medicine*. 2005, 8(3) 211-216.
80. Talaei T, Noorafshan A, Nikeghbalian, S, Panjehshahin MR, Dehghani F, Azizi M, Tanideh N. Stereological study of the effects of prostaglandin E2 on the induction of angiogenesis in full thickness skin autografts. 2004, *Adv skin wound care*. 17(4): 202.
81. Arab MR, Talaei Khozani T, Tabei Z, Taki T. Quantitative study of gastric epithelial lesions by nucleolar organizer region staining. *Acta Medica Iranica*. 2004, 42 (6): 445-449.

## Participation in congresses:

1. Vogdani Z, Khodabandeh Z, Talaei-Khozani T, Bahmanpour S. the effects of fetal liver extract and 3D culture on hepatogenic capability of human Wharton's jelly mesenchymal stem cells coculturing with endothelial cells. 7<sup>th</sup> asia Pacific international Congress of Anatomists, 17-20 March 2016.
2. Talaei-Khozani T, Aleahmad F, Aliabadi E, Vojdani Z, Babaei A. a study of the carbohydrate distribution pattern in attached stem cells isolated from cord blood. 7<sup>th</sup> asia Pacific international Congress of Anatomists, 17-20 March 2016.
3. Bagheri MJ, Vojdani Z, Azarpira N, Salmannejad M, Talaei-Khozani T. Caerulein-induced pancreatitis mouse model for finding the relationship between pregnancy and the process of healing. The first congress on animal modeling, April 14, 2016, Shiraz, Iran
4. Mohtasebi M, Razmkhoah M, Talaei-khozani T, Fazel A, Omidinia R, Noori-Khorasani S, Pezeshki-Modarres M. Differentiation of adipocytederived stem cells with promotion of PVA-gelatin-bioceramics electrospun scaffolds to osteocyte . The 6<sup>th</sup> meeting of Asian cellular therapy organization. Korea, Aug 20-22, 2015
5. Hadavi SMM, Fazel A, Tahermanesh K, Talaei-Khozani T, Razmkhah M, Mohtasebi M, Mehr Abed S. A preliminary study of the cytotoxicity assess of synthetic biodegradable Mg-Zn-Ca alloy on adipose derived mesenchymal stem cells. The 6<sup>th</sup> meeting of Asian cellular therapy organization. Korea Aug 20-22, 2015
6. Fazel A, Talaei-khozani T, Tahermanesh K, Hadavi SMM, Mehr Abed S, Faghieh Nasiri B. Biocompatibility of bioceramics to wharton's jelly mesenchymal stem cells for bone regeneration. Biocompatibility of bioceramics to wharton's jelly mesenchymal stem cells for bone regeneration, Korea, Aug 20-22, 2015
7. Fazel A, Talaei-Khozani, Yazdani A, Zamani A. The biocompatibility study of the bio-inert and bio-active ceramics to Wharton's Jelly mesenchymal stem cells. The first Iranian annual congress in tissue engineering and regenerative medicine, 2013, Tehran. Iran
8. Fazel A, Talaei-Khozani, Kalantar M. The comparison of the morphology and viability of Wharton's Jelly mesenchymal stem cells were cultured on various bioceramics.congress on the application of bioglasses in tissue engineering and regenerative medicine. Application of bioglasses in tissue engineering and regenerative medicine, 2013, 24 Feb, Tehran, Iran
9. Effects of geldanamycine, a HSP90 inhibitor, on human sperm characteristics. National congress on infertility and reproduction, May, 2013, Tehran, Iran

10. Fazel A, Talaei-Khozani, Arash Zamani, The biocompatibility study of the bio-inert and bio-active ceramics to Wharton's Jelly mesenchymal stem cells. the first Iranian annual congress in tissue engineering and regenerative medicine. 2013, Iran Tehran.
11. Fazel A, Talaei-Khozani T, Kalantar N. The comparison of the morphology and viability of Wharton's Jelly mesenchymal stem cells were cultured on various bioceramics.congress on the application of bioglasses in tissue engineeringand regenerative medicine, Feb 24, 2013, Iran
12. Mesenchymal stem cell growth behavior on 2-D carbonated hydroxyapatite scaffolds prepared by three different methods, the first international & sixth joint conference of Iranian metallurgical engineering society and Iranian foundrymen's society, Iran, Tehran: 6-8 Dec 2012.
13. A new method for increasing embryonic stem cell derived-germ cell marker expression. 10<sup>th</sup> anatomy congress, Rasht, Iran May;20-22; 2012
14. Aza deoxycytidin and trichostatin A induce cardiomyocyte marker expression in mouse embryonic fibroblasts. 6th Asia pacific international congress of anatomy. Indonesia 22-23 jul, 2011
15. The effect of sera taken from women with recurrent spontaneous abortion history on sperm apoptosis and motility. Obstruction and gynecology and infertility congress. China, Oct 2009.
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