

Curriculum Vitae

Personal Data

Firs name: Amir
Last name: Mehdizadeh-Haqiqi
Nationality: Iran
Date of birth: 07/08/1984
Place of birth: Tehran, Iran
Specialty: Medical Genetics
Academic rank: Assistant Professor (Since 2017)
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Educational Background

Date	Degree	Institution	Country
2013-2017	PhD in Medical Genetics	Tabriz University of Medical Sciences	Iran
2007-2009	MSc in clinical Biochemistry	Tabriz University of Medical Sciences	Iran
2004-2007	BSc in Clinical Laboratory Technology	Tabriz University of Medical Sciences	Iran

Research Interests

Regulation of fatty acid metabolism and unsaturation, Cancer Targeted Therapy, Stem cell Biology.

Membership

Start and end date	Details
July 2014	Member of Iran's National Elites Foundation

Articles

2011 Published Articles		Indexed in
1	Mehdizadeh A, Rahimipour A, Farzadi L, Darabi M, Shahnazi V, Vatankhah A-M, et al. Correlation between the level of cholesteryl ester transfer protein in follicular fluid with fertilization rates in IVF/ICSI cycles. Iranian journal of reproductive medicine. 2011;9(3):193.	PubMed
2	Sahmani M, Sakhinia E, Farzadi L, Najafipour R, Darabi M, Mehdizadeh A, et al. Two common polymorphisms in the peroxisome proliferator-activated receptor γ gene may improve fertilization in IVF. Reproductive biomedicine online. 2011;23(3):355-60.	ISI/PubMed

2012 Published Articles

3	Khanaki K, Ardekani AM, Ghassemzadeh A, Shahnazi V, Sadeghi MR, Darabi M, et al. Effect of polyunsaturated fatty acids on secretory phospholipase A2 type IIa in ectopic endometrial cells. Iranian journal of reproductive medicine. 2012;10(4):321.	PubMed
4	Khanaki K, Nouri M, Ardekani AM, Ghassemzadeh A, Shahnazi V, Sadeghi MR, et al. Evaluation of the relationship between endometriosis and omega-3 and omega-6 polyunsaturated fatty acids. Iranian Biomedical Journal. 2012;16(1):38.	PubMed
5	Yousefi B, Darabi M, Baradaran B, Khaniani MS, Rahbani M, Darabi M, et al. Inhibition of MEK/ERK1/2 signaling affects the fatty acid composition of HepG2 human hepatic cell line. BiolImpacts: BI. 2012;2(3):145.	ISI/PubMed
6	Shaaker M, Rahimipour A, Nouri M, Khanaki K, Darabi M, Farzadi L, et al. Fatty acid composition of human follicular fluid phospholipids and fertilization rate in assisted reproductive techniques. Iranian biomedical journal. 2012;16(3):162.	ISI/PubMed
2013 Published Articles		
7	Ezzedini R, Darabi M, Ghasemi B, Darabi M, Fayezi S, Moghaddam YJ, et al. Tissue fatty acid composition in obstructive sleep apnea and recurrent tonsillitis. International journal of pediatric otorhinolaryngology. 2013;77(6):1008-12.	ISI/PubMed
8	Miryaghoubzadeh J, Darabi M, Madaen K, Shaaker M, Mehdizadeh A, Hajihosseini R. Tissue fatty acid composition in human urothelial carcinoma. British journal of biomedical science. 2013;70(1):1-5.	ISI/PubMed
9	Saliani N, Darabi M, Yousefi B, Baradaran B, Khaniani MS, Darabi M, et al. PPAR γ agonist-induced alterations in Δ 6-desaturase and stearoyl-CoA desaturase 1: Role of MEK/ERK1/2 pathway. World journal of hepatology. 2013;5(4):220.	ISI/PubMed
2014 Published Articles		
10	Khanaki K, Sadeghi MR, Akhondi MM, Darabi M, Mehdizadeh A, Shabani M, et al. High ω -3: ω -6 fatty acids ratio increases fatty acid binding protein 4 and extracellular secretory phospholipase A2IIa in human ectopic endometrial cells. Iranian journal of reproductive medicine. 2014;12(11):755.	ISI/PubMed
11	Rashidi M-RR, Eisa-Khaje J, Farzadi L, Darabi M, Gasemzadeh A, Shahnazi V, et al. Paraoxonase 3 activity and the ratio of antioxidant to peroxidation in the follicular fluid of infertile women. International journal of fertility & sterility. 2014;8(1):51.	ISI/PubMed
12	Fayezi S, Darabi M, Darabi M, Nouri M, Rahimipour A, Mehdizadeh A. Analysis of follicular fluid total phospholipids in women undergoing in-vitro fertilisation. Journal of Obstetrics and Gynaecology. 2014;34(3):259-62.	ISI/PubMed
13	Mohammadzadeh F, Mosayebi G, Montazeri V, Darabi M, Fayezi S, Shaaker M, et al. Fatty acid composition of tissue cultured breast carcinoma and the effect of stearoyl-CoA desaturase 1 inhibition. Journal of breast cancer. 2014;17(2):136.	ISI/PubMed
2015 Published Articles		

14	Rafeey M, Ghojzadeh M, Mehdizadeh A, Hazrati H, Vahedi L. Intercontinental comparison of caustic ingestion in children. Korean journal of pediatrics. 2015;58(12):491.	ISI/PubMed
15	Rahimi Y, Mehdizadeh A, Nozad Charoudeh H, Nouri M, Valaei K, Fayezi S, et al. Hepatocyte differentiation of human induced pluripotent stem cells is modulated by stearyl-CoA desaturase 1 activity. Development, growth & differentiation. 2015;57(9):667-74.	ISI/PubMed
2016 Published Articles		
16	Mehdizadeh A, Somi MH, Darabi M, Jabbarpour-Bonyadi M. Extracellular signal-regulated kinase 1 and 2 in cancer therapy: a focus on hepatocellular carcinoma. Molecular biology reports. 2016;43(2):107-16.	ISI/PubMed
2017 Published Articles		
17	Ekhtiyari E, Barzegar M, Mehdizadeh A, Shaaker M, Ghodoosifar S, Abhari A, et al. Differential fatty acid analysis of cerebrospinal fluid in infants and young children with suspected meningitis. Child's Nervous System. 2017;33(1):111-7.	ISI/PubMed
18	Mesgarzadeh AH, Akbarzadeh A, Rasipour A, Rasipour T, Mehdizadeh A, Shaaker M. Secretory phospholipase-A2 and fatty acid composition in oral reactive lesions: a cross-sectional study. Cancer cell international. 2017;17(1):1-7.	ISI/PubMed
19	Farshbaf-Khalili A, Mohamad-Alizadeh S, Darabi M, Hematzadeh S, Mehdizadeh A, Shaaker M, et al. The effect of fish oil supplementation on serum phospholipid fatty acids profile during pregnancy: a double blind randomized controlled trial. Women & health. 2017;57(2):137-53.	ISI/PubMed
20	Mehdizadeh A, Bonyadi M, Darabi M, Rahbarghazi R, Montazersaheb S, Velaei K, et al. Common chemotherapeutic agents modulate fatty acid distribution in human hepatocellular carcinoma and colorectal cancer cells. BiolImpacts: BI. 2017;7(1):31.	ISI/PubMed
21	Mehdizadeh A, Somi MH, Darabi M, Farajnia S, Akbarzadeh A, Montazersaheb S, et al. Liposome-mediated RNA interference delivery against Erk1 and Erk2 does not equally promote chemosensitivity in human hepatocellular carcinoma cell line HepG2. Artificial cells, nanomedicine, and biotechnology. 2017;45(8):1612-9.	ISI/PubMed
22	Llona-Minguez S, Høglund A, Ghassemian A, Desroses M, Calderón-Montaña JM, Burgos Morón Ea, et al. Piperazin-1-ylpyridazine derivatives are a novel class of human dCTP pyrophosphatase 1 inhibitors. Journal of medicinal chemistry. 2017;60(10):4279-92.	ISI/PubMed
23	Abdyazdani N, Nourazarian A, Charoudeh HN, Kazemi M, Feizy N, Akbarzade M, et al. The role of morphine on rat neural stem cells viability, neuro-angiogenesis and neuro-steroidogenesis properties. Neuroscience letters. 2017; 636:205-12.	ISI/PubMed
24	Rezabakhsh A, Nabat E, Yousefi M, Montazersaheb S, Cheraghi O, Mehdizadeh A, et al. Endothelial cells' biophysical, biochemical, and chromosomal aberrancies in high-glucose condition within the diabetic range. Cell biochemistry and function. 2017;35(2):83-97.	ISI/PubMed

2018 Published Articles

25	Eyvaznejad E, Nouri M, Ghasemzadeh A, Mehdizadeh A, Shahnazi V, Asghari S, et al. Steroid-depleted polycystic ovarian syndrome serum promotes in vitro oocyte maturation and embryo development. <i>Gynecological Endocrinology</i> . 2018;34(8):698-703.	ISI/PubMed
26	Kahnamouyi S, Nouri M, Farzadi L, Darabi M, Hosseini V, Mehdizadeh A. The role of mitogen-activated protein kinase–extracellular receptor kinase pathway in female fertility outcomes: A focus on pituitary gonadotropins regulation. <i>Therapeutic advances in endocrinology and metabolism</i> . 2018;9(7):209-15.	ISI/PubMed
27	Fattahi A, Darabi M, Farzadi L, Salmassi A, Latifi Z, Mehdizadeh A, et al. Effects of dietary omega-3 and-6 supplementations on phospholipid fatty acid composition in mice uterus during window of pre-implantation. <i>Theriogenology</i> . 2018; 108:97-102.	ISI/PubMed
28	Fattahi A, Latifi Z, Darabi M, Salmassi A, Farzadi L, Shaaker M, et al. Mating with seminal vesicle-excised male can affect the uterus phospholipid fatty-acids composition during implantation in an experimental mouse model. <i>International braz j urol</i> . 2019; 45(4):825-33.	ISI/PubMed
29	Mohammadzadeh F, Alihemmati A, Tazehkand AP, Darabi M, Mehdizadeh A. Early oleate deficiency leads to severe defects in fetal rat liver development. <i>Iranian journal of basic medical sciences</i> . 2019;22(9):1010.	ISI/PubMed
30	Mohammadzadeh F, Hosseini V, Mehdizadeh A, Dani C, Darabi M. A method for the gross analysis of global protein acylation by gas–liquid chromatography. <i>IUBMB life</i> . 2019;71(3):340-6.	ISI/PubMed
31	Mortazavi H, Soltani-Zangbar MS, Eghbal-Fard S, Mehdizadeh A, Kamrani A, Chakeri-Khiavi F, et al. Cytokine profile, Treg/Th17 cell frequency changes during different posttransplantational time points in patients undergoing renal transplantation. <i>Journal of cellular physiology</i> . 2019; 234(11):20935-43.	ISI/PubMed
32	Mardomi A, Nouri M, Farzadi L, Zarghami N, Mehdizadeh A, Yousefi M, et al. Human charcoal-stripped serum supplementation enhances both the stearyl-coenzyme a desaturase 1 activity of cumulus cells and the in vitro maturation of oocytes. <i>Human Fertility</i> . 2019;22(3):212-8.	ISI/PubMed
33	Kamrani A, Mehdizadeh A, Ahmadi M, Aghebati-Maleki L, Yousefi M. Therapeutic approaches for targeting receptor tyrosine kinase like orphan receptor-1 in cancer cells. <i>Expert opinion on therapeutic targets</i> . 2019;23(5):447-56.	ISI/PubMed
34	Kamrani A, Mehdizadeh A, Ahmadi M, Aghebati-Maleki L, Yousefi M. Therapeutic approaches for targeting receptor tyrosine kinase like orphan receptor-1 in cancer cells. <i>Expert opinion on therapeutic targets</i> . 2019; 23(5):447-56.	ISI/PubMed
35	Motavalli R, Etemadi J, Kahroba H, Mehdizadeh A, Yousefi M. Immune system-mediated cellular and molecular mechanisms in idiopathic membranous nephropathy pathogenesis and possible therapeutic targets. <i>Life sciences</i> . 2019; 238:116923.	ISI/PubMed

36	Hajjalilo M, Dolati S, Abdolmohammadi-Vahid S, Ahmadi M, Kamrani A, Eghbal-Fard S, et al. Nanocurcumin: A novel strategy in treating ankylosing spondylitis by modulating Th17 cells frequency and function. <i>Journal of cellular biochemistry</i> . 2019;120(7):12027-38.	ISI/PubMed
37	Sabzichi M, Ramezani M, Mohammadian J, Ghorbani M, Mardomi A, Najafipour F, et al. The synergistic impact of quinacrine on cell cycle and anti-invasiveness behaviors of doxorubicin in MDA-MB-231 breast cancer cells. <i>Process Biochemistry</i> . 2019; 81:175-81.	ISI/PubMed
38	Azizi R, Soltani-Zangbar MS, Pourmoghadam Z, Mehdizadeh A, Mahdipour M, Sandoghchian S, et al. Metabolic syndrome mediates inflammatory and oxidative stress responses in patients with recurrent pregnancy loss. <i>Journal of reproductive immunology</i> . 2019; 133:18-26.	ISI/PubMed
39	Azizi R, Ahmadi M, Danaii S, Abdollahi-Fard S, Mosapour P, Eghbal-Fard S, et al. Cyclosporine A improves pregnancy outcomes in women with recurrent pregnancy loss and elevated Th1/Th2 ratio. <i>Journal of cellular physiology</i> . 2019; 234(10):19039-47.	ISI/PubMed
40	Zarezadeh R, Mehdizadeh A, Leroy JL, Nouri M, Fayezi S, Darabi M. Action mechanisms of n-3 polyunsaturated fatty acids on the oocyte maturation and developmental competence: Potential advantages and disadvantages. <i>Journal of cellular physiology</i> . 2019;234(2):1016-29.	ISI/PubMed
41	Derakhshani M, Abbaszadeh H, Movassaghpour AA, Mehdizadeh A, Ebrahimi-Warkiani M, Yousefi M. Strategies for elevating hematopoietic stem cells expansion and engraftment capacity. <i>Life sciences</i> . 2019; 232:116598.	ISI/PubMed
42	Chakari-Khiavi F, Dolati S, Chakari-Khiavi A, Abbaszadeh H, Aghebati-Maleki L, Poulak T, et al. Prospects for the application of mesenchymal stem cells in Alzheimer's disease treatment. <i>Life sciences</i> . 2019; 231:116564.	ISI/PubMed
43	Mehdizadeh A, Barzegar M, Negargar S, Yahyavi A, Raeisi S. The current and emerging therapeutic approaches in drug-resistant epilepsy management. <i>Acta Neurologica Belgica</i> . 2019;119(2):155-62.	ISI/PubMed
44	Jabalie G, Ahmadi M, Koushaeian L, Eghbal-Fard S, Mehdizadeh A, Kamrani A, et al. Metabolic syndrome mediates proinflammatory responses of inflammatory cells in preeclampsia. <i>American journal of reproductive immunology</i> . 2019;81(3):e13086.	ISI/PubMed
45	Dolati S, Babaloo Z, Ayromlou H, Ahmadi M, Rikhtegar R, Rostamzadeh D, et al. Nanocurcumin improves regulatory T-cell frequency and function in patients with multiple sclerosis. <i>Journal of neuroimmunology</i> . 2019; 327:15-21.	ISI/PubMed
46	Zamani M, Yaghoubi Y, Movassaghpour A, Shakouri K, Mehdizadeh A, Pishgahi A, et al. Novel therapeutic approaches in utilizing platelet lysate in regenerative medicine: Are we ready for clinical use? <i>Journal of cellular physiology</i> . 2019; 234(10):17172-86.	ISI/PubMed

47	Yaghoubi Y, Movassaghpour A, Zamani M, Talebi M, Mehdizadeh A, Yousefi M. Human umbilical cord mesenchymal stem cells derived-exosomes in diseases treatment. <i>Life sciences</i> . 2019; 233:116733.	ISI/PubMed
48	Abolhasan R, Mehdizadeh A, Rashidi MR, Aghebati-Maleki L, Yousefi M. Application of hairpin DNA-based biosensors with various signal amplification strategies in clinical diagnosis. <i>Biosensors and Bioelectronics</i> . 2019; 129:164-74.	ISI/PubMed
2020 Published Articles		
49	Ghanbari E, Khazaei M, Ghahremani-Nasab M, Mehdizadeh A, Yousefi M. Novel therapeutic approaches of tissue engineering in male infertility. <i>Cell and tissue research</i> . 2020;380(1):31-42.	ISI/PubMed
50	Danaii S, Abolhasani R, Soltani-Zangbar MS, Zamani M, Mehdizadeh A, Amanifar B, et al. Oxidative stress and immunological biomarkers in Ankylosing spondylitis patients. <i>Gene Reports</i> . 2020; 18:100574.	ISI/PubMed
51	Yaghoubi Y, Zamani M, Naimi A, Hassanzadeh A, Gharibeh N, Madani J, et al. Human CD34+ hematopoietic stem cells culture in humanized culture medium for cell therapy. <i>Gene Reports</i> . 2020; 20:100718.	ISI/PubMed
52	Fard BS, Houshyar J, Zareizadeh J, Niafar M, Aghamohammadzadeh N, Mehdizadeh A, et al. Comparison of vitamin D level in pregnant women with and without gestational diabetes. <i>Revista Latinoamericana de Hipertension</i> . 2020;15(1):33-5.	ISI/PubMed
53	Abbaspour-Aghdam S, Ahmadi M, Aslani S, Daneshmandpour Y, Mehdizadeh A, Valizadeh H, et al. Molecular analysis of CTLA4 gene in patients with Behçet's disease from an Iranian Northwest Azeri population. <i>Gene Reports</i> . 2020; 19:100612.	ISI/PubMed
54	Pourakbari R, Mousavishenas MH, Kamrani A, Dolati S, Abbaszadeh H, Zamani M, et al. Identification of genes and miRNAs associated with angiogenesis, metastasis, and apoptosis in colorectal cancer. <i>Gene Reports</i> . 2020; 18:100552.	ISI/PubMed
55	Jahandideh B, Derakhshani M, Abbaszadeh H, Movassaghpour AA, Mehdizadeh A, Talebi M, et al. The pro-Inflammatory cytokines effects on mobilization, self-renewal and differentiation of hematopoietic stem cells. <i>Human immunology</i> . 2020;81(5):206-17.	ISI/PubMed
56	Zamani ARN, Avci ÇB, Ahmadi M, Pouyafar A, Bagheri HS, Fathi F, et al. Estradiol modulated colorectal cancer stem cells bioactivity and interaction with endothelial cells. <i>Life Sciences</i> . 2020; 257:118078.	ISI/PubMed
57	Khajeh M, Nouri M, Ghasemzadeh A, Mehdizadeh A, Shanebandi D, Yousefi S, et al. Arachidonic acid alleviates the detrimental effects of acetylsalicylic acid on human granulosa cells performance in vitro. <i>Molecular reproduction and development</i> . 2020; 87(5):607-19.	ISI/PubMed
58	Akbarzadeh Khiavi M, Jalili A, Safary A, Gharedaghchi Z, Mirinezhad SK, Mehdizadeh A, et al. Karyotypic abnormalities and molecular analysis of Y chromosome microdeletion in Iranian Azeri Turkish population infertile men.	ISI/PubMed

	Systems biology in reproductive medicine. 2020;66(2):140-6.	
59	Pishgahi A, Abolhasan R, Shakouri SK, Soltani-Zangbar MS, Dareshiri S, Kiyakalayah SR, et al. Effect of Dextrose Prolotherapy, Platelet Rich Plasma and Autologous Conditioned Serum on Knee Osteoarthritis: A Randomized Clinical Trial. Iranian Journal of Allergy, Asthma and Immunology. 2020.	ISI/PubMed
60	Kalantary-Charvadeh A, Hosseini V, Mehdizadeh A, Darabi M. Application of porcupine inhibitors in stem cell fate determination. Chemical Biology & Drug Design. 2020;96(4):1052-68.	ISI/PubMed
61	Danaii S, Ghorbani F, Ahmadi M, Abbaszadeh H, Koushaeian L, Soltani-Zangbar MS, et al. IL-10-producing B cells play important role in the pathogenesis of recurrent pregnancy loss. International Immunopharmacology. 2020; 87:106806.	ISI/PubMed
62	Shomali N, Hemmatzadeh M, Yousefzadeh Y, Soltani-Zangbar MS, Hamdi K, Mehdizadeh A. Exosomes: Emerging biomarkers and targets in folliculogenesis and endometriosis. Journal of Reproductive Immunology. 2020:103181.	ISI/PubMed
63	Dolati S, Rikhtegar R, Mehdizadeh A, Yousefi M. The role of magnesium in pathophysiology and migraine treatment. Biological trace element research. 2020;196(2):375-83.	ISI/PubMed
64	Pourmoghadam Z, Soltani-Zangbar MS, Sheikhsari G, Azizi R, Eghbal-Fard S, Mohammadi H, et al. Intrauterine administration of autologous hCG-activated peripheral blood mononuclear cells improves pregnancy outcomes in patients with recurrent implantation failure; A double-blind, randomized control trial study. Journal of Reproductive Immunology. 2020; 142:103182.	ISI/PubMed
65	Danaii S, Shiri S, Dolati S, Ahmadi M, Ghahremani-Nasab L, Amiri A, et al. The association between inflammatory cytokines and miRNAs with slow coronary flow phenomenon. Iranian Journal of Allergy, Asthma and Immunology. 2020:56-64.	ISI/PubMed
66	Pishgahi A, Abolhasan R, Danaii S, Amanifar B, Soltani-Zangbar MS, Zamani M, et al. Immunological and oxidative stress biomarkers in ankylosing spondylitis patients with or without metabolic syndrome. Cytokine. 2020; 128:155002.	ISI/PubMed
67	Sheikhsari G, Pourmoghadam Z, Danaii S, Mehdizadeh A, Yousefi M. Etiology and management of recurrent implantation failure: a focus on intra-uterine PBMC-therapy for RIF. Journal of reproductive immunology. 2020; 139:103121.	ISI/PubMed
68	Ghahremani-Nasab M, Ghanbari E, Jahanbani Y, Mehdizadeh A, Yousefi M. Premature ovarian failure and tissue engineering. Journal of cellular physiology. 2020;235(5):4217-26.	ISI/PubMed
2021 Published Articles		
69	Zamani M, Yaghoubi Y, Naimi A, Hassanzadeh A, Pourakbari R, Aghebati-Maleki L, et al. Humanized Culture Medium for Clinical-Grade Generation of Erythroid Cells from Umbilical Cord Blood CD34+ Cells. Advanced Pharmaceutical Bulletin. 2021;11(2):335.	ISI/PubMed
70	Kamrani A, Soltani-Zangbar MS, Shiri S, Yousefzadeh Y, Pourakbari R, Aghebati-	ISI/PubMed

	Maleki L, et al. TIGIT and CD155 as Immune-Modulator Receptor and Ligand on CD4+ T cells in Preeclampsia Patients. Immunological Investigations. 2021:1-16.	
71	Motavalli R, Etemadi J, Soltani-Zangbar MS, Ardalan M-R, Kahroba H, Roshangar L, et al. Altered Th17/Treg ratio as a possible mechanism in pathogenesis of idiopathic membranous nephropathy. Cytokine. 2021; 141:155452.	ISI/PubMed
72	Zarezadeh R, Nouri M, Hamdi K, Shaaker M, Mehdizadeh A, Darabia M. Fatty acids of follicular fluid phospholipids and triglycerides display distinct association with IVF outcomes. Reproductive BioMedicine Online. 2021;42(2):301-9.	ISI/PubMed
2022 Published Articles		
73	Raeisi M, Saberivand M, Velaei K, Aghaei N, Rahimi-Farsi N, Kharrati-Shishavan H, et al. Porcn as a novel therapeutic target in cancer therapy: A review. Cell Biology International. 2022;46(12):1979-91.	ISI/PubMed
74	Fayyazpour P, Alizadeh E, Hosseini V, Kalantary-Charvadeh A, Niafar M, Sadra V, et al. Fatty acids of type 2 diabetic serum decrease the stemness properties of human adipose-derived mesenchymal stem cells. Journal of Cellular Biochemistry. 2022;123(7):1157-70.	ISI/PubMed
75	Fayezi S, Mehdizadeh A, Germeyer A, Strowitzki T, Fayyazpour P, Nowrouzi Z, et al. Maternal erythrocyte fatty acid composition as a predictive marker for pregnancy health. BioFactors. 2022;48(4):763-78.	ISI/PubMed
76	Markazi R, Soltani-Zangbar MS, Zamani M, Eghbal-Fard S, Motavalli R, Kamrani A, et al. Platelet lysate and tendon healing: comparative analysis of autologous frozen-thawed PRP and ketorolac tromethamine in the treatment of patients with rotator cuff tendinopathy. Growth Factors. 2022;40(5-6):163-74.	ISI/PubMed
77	Kalantary-Charvadeh A, Hosseini V, Mehdizadeh A, Nazari Soltan Ahmad S, Rahbarghazi R, Nozad Charoudeh H, et al. The porcupine inhibitor WNT974 provokes ectodermal lineage differentiation of human embryonic stem cells. Cell Biochemistry and Function. 2022;40(4):359-68.	ISI/PubMed
78	Raeisi M, Zehtabi M, Velaei K, Fayyazpour P, Aghaei N, Mehdizadeh A. Anoikis in cancer: The role of lipid signaling. Cell Biology International. 2022;46(11):1717-28.	ISI/PubMed
79	Raeisi M, Hassanbeigi L, Khalili F, Kharrati-Shishavan H, Yousefi M, Mehdizadeh A. Stearoyl-CoA desaturase 1 as a therapeutic target for cancer: A focus on hepatocellular carcinoma. Molecular Biology Reports. 2022;49(9):8871-82.	ISI/PubMed
80	Alizadegan A, Dianat-Moghadam H, Shadman N, Nouri M, Hamdi K, Ghasemzadeh A, et al. Application of cell free DNA in ART. Placenta. 2022;120:18-24.	ISI/PubMed
81	Zivari-Ghader T, Dolati S, Mehdizadeh A, Davaran S, Rashidi MR, Yousefi M. Recent scaffold-based tissue engineering approaches in premature ovarian failure treatment. Journal of Tissue Engineering and Regenerative Medicine. 2022;16(7):605-20.	ISI/PubMed
82	Fayezi S, Fayyazpour P, Norouzi Z, Mehdizadeh A. Strategies for mammalian	ISI/PubMed

	mesenchymal stem cells differentiation into primordial germ cell-like cells: a review. <i>Cell Journal (Yakhteh)</i> . 2022;24(8):434.	
83	Gholipour E, Kahroba H, Soltani N, Samadi P, Sarvarian P, Vakili-Samiani S, et al. Paediatric pre-B acute lymphoblastic leukaemia-derived exosomes regulate immune function in human T cells. <i>Journal of Cellular and Molecular Medicine</i> . 2022;26(16):4566-76.	ISI/PubMed
84	Shafiei SL, Movassaghpour A, Hosseini SF, Talebi M, Edalati M, Torabi Goudarzi S, et al. The altered expression of homing factors in CD34+ hematopoietic stem cells following G-CSF injection and its effects on transplantation quality in ALL patients. <i>Cell Biology International</i> . 2022;46(11):1876-85.	ISI/PubMed
85	Alizadegan A, Akbarzadeh M, Soltani-Zangbar MS, Sambrani R, Hamdi K, Ghasemzadeh A, et al. Isolation of cfDNA from spent culture media and its association with implantation rate and maternal immunomodulation. <i>BMC Research Notes</i> . 2022;15(1):1-7.	ISI/PubMed
86	Ghasempour M, Hosseini M, Soltani-Zangbar MS, Motavalli R, Aghebati-Maleki L, Dolati S, et al. The impact of Hyssop (<i>Hyssopus officinalis</i>) extract on activation of endosomal toll like receptors and their downstream signaling pathways. <i>BMC Research Notes</i> . 2022;15(1):1-7.	ISI/PubMed
87	Abdolmohammadi-Vahid S, Samaie V, Hashemi H, Mehdizadeh A, Dolati S, Ghodrati-Khakestar F, et al. Anti-thyroid antibodies and underlying generalized immunologic aberrations in patients with reproductive failures. <i>Journal of Reproductive Immunology</i> . 2022:103759.	ISI/PubMed
88	Omidvar MH, Soltani-Zangbar MS, Zamani M, Motavalli R, Jafarpoor M, Dolati S, et al. The effect of osteoporotic and non-osteoporotic individuals' T cell-derived exosomes on osteoblast cells' bone remodeling related genes expression and alkaline phosphatase activity. <i>BMC Research Notes</i> . 2022;15(1):1-7.	ISI/PubMed
89	Pishgahi A, Zamani M, Mehdizadeh A, Roshangar L, Afkham-Daghdaghan M, Pourabbas B, et al. The therapeutic effects of autologous conditioned serum on knee osteoarthritis: an animal model. <i>BMC Research Notes</i> . 2022;15(1):277.	ISI/PubMed
2023 Published Articles		
90	Hosseini S, Soltani-Zangbar MS, Zamani M, Yaghoubi Y, Rikhtegar Ghiasi R, Motavalli R, et al. Comparative evaluation of autologous platelet-rich plasma and platelet lysate in patients with knee osteoarthritis. <i>Growth Factors</i> . 2023:1-13.	ISI/PubMed
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109	Nouri N, Aghebati-Maleki L, Soltani-Zangbar MS, Kamrani A, Mehdizadeh A, Danaii S, et al. Analysis of Th17 cell population and expression of microRNA and factors related to Th17 in patients with premature ovarian failure. 2024;165:104290.	ISI/PubMed
110	Novinbahador T, Abroon S, Motlagh K, Abbasi K, Mehdizadeh A, Nejabati HR, et al. Surface markers on microparticles involved in obesity-derived diseases. 2024:122876.	ISI/PubMed
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Selected Conferences

A) Oral Presentations

1	Correlation between fatty acid composition of human follicular fluid with number of mature oocytes in patients undergoing IVF/ICSI. 17th congress of Iranian society for reproductive medicine, Tehran, 2011.
2	Correlation of total phospholipids and Apo-A1 in human follicular fluid with fertilization in IVF/ICSI. 13th Iranian congress of biochemistry & 5th International congress of biochemistry and molecular biology, Yazd, 2013.
3	RNA interferece delivery against Erk1 and Erk2 promote chemosensitivity in human hepatocellular carcinoma. 16th Iranian congress of gastroenterology and hepatology. 2016

B) Poster Presentations

4	Stearoyl CoA desaturase 1 inhibition affects cell migration and fatty acid composition in breast cancer cells. 1 st international and 21th national congress of the Iranian society of medical oncology and hematology, 2022, Tabriz, Iran.
5	Effects of PPAR γ His447His polymorphism on oocytes and fertilization in IVF. Fertility, Dublin, 2011.
6	Effects of follicular fluid fatty acid composition and PPAR γ Pro12Ala polymorphism on oocytes and fertilization in IVF. Fertility, Dublin, 2011.
7	Correlation between the level of follicular fluid cholesteryl ester transfer protein with fertilization rates in

	IVF/ICSI cycles. Fertility, Dublin, 2011.
8	Altered fatty acid composition in bladder urothelial carcinoma tissue 11th European Nutrition Conference, Madrid.
9	Study of association between omega-3 and omega-6 polyunsaturated fatty acids with endometriosis. 12th Iranian congress of biochemistry & 4th International congress of Biochemistry and molecular biology, Mashhad, Iran, 2011.

Skills

1. ICDL
2. Primer Designing
3. Graphpad prism
4. Cell culture
5. Adipose tissue mesenchymal stem cell isolation
6. PCR-RFLP, RT-PCR and qRT-PCR
7. Flowcytometry
8. Gass-liquid chromatography