



## CURRICULUM VITAE

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### Personal Data:

Name	Surname	Date of Birth		SEX	Marital Status
Farzam	Sheikhzadeh hesari	23/July/1971	Iranian	male	married

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04133392711		fsheikhzadeh@tabrizu.ac.ir

### Educational Background: (Last One First)

Certificate Degree	Field of Specialization	NAME OF INSTITUTION ATTENDED	Date Received
<i>PhD</i>	<i>Physiology</i>	<i>University of Tehran</i>	<i>2007</i>
<i>Veterinary medicine</i>	<i>D.V.M</i>	<i>Islamic Azad Tabriz University</i>	<i>1996</i>

#### Title of Post-Graduate Thesis:

New information about Vitamin D<sub>3</sub>

#### Title of Doctorate Thesis:

The effect of age related physical activity on hippocampus neuron apoptosis and spatial memory in rat

### Teaching Experiences: (Last One First)

TITLE OF COURSE	LEVEL	DATES		NAME OF INSTITUTION
		From	To	
Physiology ( cell, cardiovascular, hematology)	1	2002		University of Tabriz
Physiology ( Gastrointestinal, Kidney, Respiratory, Genital)	2	2002		University of Tabriz
Physiology ( Nervous system, Endocrinology)	3	2002		University of Tabriz
zoology	1	2007		University of Tabriz
Zoology lab	1	2007		University of Tabriz
Neurophysiology	Ms	2010		University of Tabriz
Cardiophysiology	Ms	2010		University of Tabriz
Endocrinology	Ms	2010		University of Tabriz

### Administrative Responsibilities: (Last One First)

Job Title	PLACE OF WORK	DATE		NAME OF INSTITUTION
		From	TO	
D.V.M	Veterinary clinic	1998	2001	Sheikhzadeh vet clinic

### Academic Positions: (Last One First)

Title of Position	FIELD OF SPECIALIZATION	DATE		NAME OF INSTITUTION
		FRO	TO	
Associate professor	physiology	2007		University of Tabriz

## Master and Doctorate Thesis Supervision:

NO	FULL NAME OF STUDENT	Level	TITLE OF THESIS
1	Nazli Khajenasiri	MS	The effect of exercise on Connexin 43 protein levels in the heart of diabetic male rats
2	Elham Karimi Sales	MS	The effect of exercise on Reelin levels in the brain of adult male rats
3	Asie Etemad	MS	The Effect of Exercise on BDNF Protein In Central And Peripheral Nervous System of Male Diabetic Rats
4	Shahla babaei	MS	Effect of regular exercise on tumor necrosis factor- $\alpha$ (TNF- $\alpha$ ) in the kidney of diabetic rats
5	Sahar Khoshgadam	MS	The effect of exercise on Reelin Levels in the Hippocampus of male diabetic rats
6	Latifeh Amiri	MS	Effect of ethanol extract of <i>Terfezia boudieri</i> on testis of male rat and hypophysis-gonad axis
7	Leila Hajipour	MS	Evaluation effects of medial regular exercise on number of osteoblasts and osteoclasts in bone tissue of diabetic male rats
8	Mehdi Tahmasbi	MS	Study of spa gene polymorphism in <i>Staphylococcus aureus</i> isolated from livestock samples in Tabriz
9	Rana Rahmani	MS	Evaluation of phage therapy feasibility in wound infections control using mouse model
10	Nahideh Tahmasebpour	MS	Effect of <i>Teucrium orientale</i> on stress oxidative markers in experimental diabetic rats
11	Hajar Oghbaei	MS	The effect of long term moderate exercise on the changes miRNA 192, miRNA 146, expression and the levels of TRAF6, IRAK1 and NF $\kappa$ B mRNAs expression, in the kidney of streptozotocin induced diabetic male rats
12	Elahe Basirat	MS	Effect of alcoholic extract of <i>Rosa canina</i> on histophysiology, serum biochemical factors and hepatic enzymes activity in male diabetic rats
13	Zahra Mogaddami	MS	The effect of regular exercise on TNF $\alpha$ and histometrical testis tissue in type1 diabetic rats
14	Sima Aghazadeh	MS	Isolation of bacteriophage against Methicillin resistance <i>Staphylococcus aureus</i> (MRSA) and investigation of their effectiveness in mouse model
15	Maryam Miyanaji	MS	Study of interleukin-1 amounts in the testis of diabetic rats and effect of exercise on it
16	Sharareh Zamanvandi	MS	The effects of oral contraceptive pills in prevent of ovarian epithelial cancer
17	Somayyeh Hatami	MS	Protective effect of <i>Scrophularia striata</i> extract on spatial memory and oxidative stress during crystal meth addiction in male rats
18	Amire Akbari	MS	Study of sciatic nerves proteome in hypothyroidism adult rat

19	Faezeh Torab miyandoab	MS	A Study of the Influences of the Change in Female Sex Hormones and Contrasting the same with the codon 72 Mutation of the p53 Gene in Endometrial Polyps
20	Shaqayeq Sepehrifar	MS	Study of brain proteome in hypothyroidism adult rats
21	Solmaz Felegari	MS	Investigation of Thyroid Hormons Cell Signalling in Cardiac Myocytes, with Emphasis of Expression of 14-3-3 Protein Gene in Male Rats
22	Hero sheikholeslami	MS	Study of morphohistometrical effects of thyroid hormones on reproductive system of adult male rats
23	Rahman Najafian	MS	Investigating the levels of TNF-a and IL-1 in sciatic nerve of diabetic rats
24	Nazli Khajehnasiri	PhD	The effect of exercise on hypothalamic-pituitary-Gonadal axis of adult male rats: KNDY neurons pathway
25	Rana Safizadeh	MS	Study of expression of 14.3.3 protein gene in lung tissue in hypothyroidism male rats
26	Mina Ramazani	MS	Investigating the effect of total extract of Euphorbia gybicola in breast cancer induced by DMBA in female rats
27	Nishteman Tajvidi	MS	Investigation of heavy exercise (short and long time) on expression level of Wnt1 and SFRPs genes in adult male rats myocytes
28	Masoud Asgharpour Arshad	PhD	Effect of aerobic interval versus continuous training on Soleus muscle apoptosis of male rats
29	Mahmoud Alslo	MS	Study of Gene Expression of Insulin Receptor Isoforms in Hippocampal Neurons in Type 1 Diabetic Rats
30	Fatemeh pourhasan	MS	Evaluation of wound healing process after phage therapy in a mouse model

## Publications:

### A: Books

TITLE	Type of Work		Publisher	Date of Publication
	Translation	Compilation		
From neural cells to memory		<i>compilation</i>	Tabriz university press	2015
100 Question and answers about sleep and sleep disorders	<i>Translation</i>		Amidi publication	2015

## Publications:

### B: Papers

	<b>Title of Paper</b>	<b>The Authors</b>	<b>Place of Publication</b>	<b>Date of</b>
1	<b>Effect of Aerobic Exercise on Memory Consolidation in Male Young Rats</b>	BABRI, SH.SAADATI ,H. AHMADIASL, SHEIKHZADEH	Medical Journal of Tabriz university of Medical Sciences	2007 Vol. 28 No. 4
2	<b>Effect of Long Term Physical Activity on Spatial Memory in Male Rats</b>	AHMADI ASL N.BABAPOOR .V, SHEIKHZADEH F, TORCHI .M ROSHANGAR L, MESGARI .M,	Medical Journal of Tabriz university of Medical Sciences	2008 Vol. 30 No. 2
3	<b>Effects of age increment and 36-week exercise training on antioxidant enzymes and apoptosis in rat heart tissue</b>	Nasser Ahmadiasl, Farhad Ghadiri Soufi, Mohammadreza Alipour , Mohammadreza Bonyadi, Farzam Sheikhzadeh, Amirmansour Vatankhah , Iraj Salehi and Mehran Mesgari	Journal of Sports Science and Medicine	2007 6, 243-249
4	<b>Long-term regular exercise promotes memory and learning in young but not in older rats</b>	Naser Ahmadi Asl , Farzam Sheikhzadeh , Mahmood Torchi ,Leila Roshangar , Saeed Khamnei	Pathophysiology	2008
5	<b>Long-term exercise training affects age- induced changes in HSP70 and apoptosis in rat heart.</b>	Farhad Ghadiri Soufi, Safar Farajnia, Naser aslanabadi Naser AhmadiAsl, Mohammadreza Alipour , Mohsen Alipour , Yousef Dostar, jalal abdolaizadeh, Farzam Sheikhzadeh	Gen Physiol Biophys.	2008 Dec;27(4):2 63-70
6	<b>The effects of aerobic exercise training on the age-related lipid peroxidation, Schwann cell apoptosis and ultrastructural changes in the sciatic nerve of rats.</b>	Shokouhi G, Tubbs RS, Shoja MM, Roshangar L, Mesgari M, Ghorbanihaghjo A, Ahmadi N, Sheikhzadeh F and Rad JS.	Life sciences	2008 Apr ;82(15- 16):840-6
7	<b>Histological, Histochemical and Ultrastructural Study of the Intestine of Rainbow Trout (Oncorhynchus mykiss)</b>	Banan Khojasteh, Farzam Sheikhzadeh, Mohammadnejad, Azami	World Applied Sciences Journal	2009 6 (11): 1525- 1535
8	<b>Protective effects of Ziziphus jujuba fruit extract against ethanol-induced hippocampal oxidative stress and spatial memory impairment in rats</b>	Majid Taati, Masoud Alirezaei, Mohamad Hadi Moshkatsadat, Bahram Rasouljan, Mehrnoush Moghadasi, Farzam Sheikhzadeh and Ali sokhtezari	Journal of Medicinal Plants Research	2011 March5(6) : 915-921
9	<b>Histomorphometrical evaluation of the gastrointestinal mucosa following chronic administration of Ghrelin in rat</b>	Seyed Mahdi Banan Khojasteh , Majid Taati , Arash Kheradmand , Farzam Sheikhzadeh , Morteza Zendehtdel	International journal of veterinary research	2011 Vol5,No3
10	<b>The effect of Ziziphus jujuba fruit extract on catalase activity and lipid peroxidation in the heart and erythrocytes of rats following chronic ethanol consumption</b>	Faezeh Jaydari , Habibollah Johari , Majid Taati , Peyman Asadian , Masoud Alirezaei , Farzam Sheikhzadeh	International journal of veterinary research	2011 Vol5,No3

11	<b>Phosphorylated Connexin 43 Protein Levels Attenuation in the Retina of Adult Diabetic Male Rats, by Regular Moderate Exercise</b>	Farzam Sheikhzadeh Hesari and Khajehnasiri N.	Journal of Physiology and Pharmacology Advances	2013 3(8): 199-206
12	<b>Effect of the alcoholic extract of Terfezia Boudieri on reproductive hormones in male rats</b>	Seyed Mahdi Banan Khojasteh, Latifeh Amiri, Farzam Sheikhzadeh	International Journal of Pharmacy and Biological Sciences	2013 Volume 3, Issue 2 ,APR-JUN ,517-522
13	<b>Hypoglycemic, antioxidant and hepato- and nephroprotective effects of Teucrium orientale in streptozotocin diabetic rats</b>	G. Dehghan, N. Tahmasebpour, M. A. Hosseinpour Feizi, F. Sheikhzadeh, S. M. Banan Khojasteh	Pharmacology online	2013 April 30, vol.1 • 182 - 189
14	<b>The effect of regular moderate exercise, on cardiac hypertrophy and blood glucose level in diabetic adult male rats</b>	Farzam Sheikhzadeh, Nazli Khajehnasiri, Seyed Mahdi Banan Khojasteh, FarhadGhadiriSoufi, Ali Dastranj, Majid Taati	International Research Journal of Applied and Basic Sciences	2013 Vol, 6 (4): 499-503
15	<b>Comparative Study of Intraperitoneal Injection of Heroin and Glass on The Serum and Blood Parameters in Male Rats</b>	Hatami H, Mohseni S, Sheikhzadeh F, Nejadi F	Scientific Journal of Ilam University of Medical sciences	2013 june vol2
16	<b>Wool arsenic in grazing sheep of a copper mine (Songoun) in North-West of Iran</b>	Fereydon Rezazadeh, Farzam Sheikhzadeh, Siamak Asri Rezaei and Ali Akbar Heidari	RESEARCH OPINIONS IN ANIMAL & VETERINARY SCIENCES	2013, 11(3)435-437
18	<b>Cerebellum and reelin under chronic treadmill exercise condition in male rats</b>	Naser Ahmadi Asl, Farzam Sheikhzadeh, Elham karimi sales	International Journal of advanced biological and biomedical research	2013
19	<b>Reelin and regular exercise in the brain cortex of healthy adult rats</b>	Farzam Sheikhzadeh, Elham karimi sales	Journal of animal science advances	2013
20	<b>Influence of short-term exercise on Reelin synthesis in the postnatal cerebral cortex of rats</b>	Farzam Sheikhzadeh, Elham karimi sales	Journal of novel applied sciences	2014
21	<b>The Effect of Aqueous Extract of Boswellia on Learning and Spatial Memory in Adult MaleRats</b>	Sadeghi F, Khalaj-Kondori M, Hosseinpour Feizi MA, Shaikhzadeh Hesari F	Zanjan medical university journal	2014
22	<b>A study on wool arsenic concentration and some blood parameters in sheep flocks grazing around tailing dams of gold mines in Takab, Iran</b>	Rezazadeh F, Jafari R, Sheikhzadeh F and Paktinat S	RESEARCH OPINIONS IN ANIMAL & VETERINARY SCIENCES	2014
23	<b>Ecstasy, Memory and Sex Differentiation</b>	Pezhman L, Sheikhzade F. and Hatami H	Journal of Physiology and Pharmacology Advances	2013

24	<b>Attenuation of Phosphorylated Connexin-43 Protein Levels in Diabetic Rat Heart by Regular Moderate Exercise</b>	Farzam Sheikhzadeh, Nazli Khajehnasiri, Seyed Mahdi Banan Khojasteh, FarhadGhadiriSoufi, Ali Dastranj	Archives of Iranian Medicine	2014 8, August
25	<b>The Effect of Regular Moderate Exercise on miRNA-192 Expression Changes in Kidney of Streptozotocin-Induced Diabetic Male Rats</b>	Hajar Oghbaei1, Naser Ahmadi Asl, Farzam Sheikhzadeh, Mohammad Reza Alipour, Amir Mahdi Khamaneh	Advanced Pharmaceutical Bulletin	2015
26	<b>Evaluation of brain-derived neurotrophic factor in diabetic rats</b>	Asieh Etemad, Farzam Sheikhzadeh, Naser Ahmadi Asl	Neurological Research	2015 VOL. 37 NO. 3 217
27	<b>The Effect of Aqueous Extract of Boswellia on Learning and Spatial Memory in Adult Male Rats</b>	Sadeghi F, Khalaj-Kondori M, Hosseinpour Feizi MA, Shaikhzadeh Hesari F	Medical Journal of Tabriz university of Medical Sciences	2015 January
28	<b>Hippocampal BDNF content in response to short- and long-term exercise</b>	Farzam Sheikhzadeh, Asieh Etemad, Sahar Khoshghadam, Naser Ahmadi Asl, Peyman Zare	Neurological Sciences	2015 10 April
29	<b>A survey study on gastrointestinal parasites of stray cats in Azarshahr, (East Azerbaijan province, Iran)</b>	Nasser Hajipour, Abbas Imani Baran, Mohammad Yakhchali, Seyed Mehdi Banan Khojasteh, Farzam Sheikhzade Hesari, Bijan Esmailnejad, Jafar Arjmand	Journal of Parasitic Disease	2015 15 Feb
30	<b>A signature of microRNA-155 in the pathogenesis of diabetic complications</b>	AM Khamaneh, MR Alipour, Farzam Sheikhzade Hesari, FG Soufi	Journal of Physiology and Biochemistry	2015
31	<b>Effects of the ethanolic extract of ROSA CANINA on some serum biochemical factors in diabetic adult male rats</b>	S. M. Banan Khojasteh, El. Basirat, F. Sheikhzadeh, S. A. Ozy, G. Dehghan, H. Hatami, N. Farsad	Trakia Journal of Sciences	2015
32	<b>Comparing the Effects of Rivastigmin and Aqueous Extract of Olibanum on gene Expression of Amyloid Precursor Protein in Rats Treated with Aluminum Chloride</b>	Mohammad Khalaj-Kondori, Samira Amiri, Mohammad Ali Hosseinpour Feizi, Farzam Shaikhzadeh-Hesari	Journal of Police Medicine	2015
33	<b>Impact and mechanistic role of oral contraceptive pills on the number and epithelial type of ovarian cortical inclusion cysts; a clinicopathology and immunohistochemical study</b>	Ali DastranjTabrizi, Parvin MostafaGharabaghi, Farzam SheikhzadehHesari, Liela Sadeghi, Sharareh Zamanvandi, Parvin Sarbakhsh and Morteza Ghojzadeh	Diagnostic Pathology	2016
34	<b>The Impact of Parity on the Number of Ovarian Cortical inclusion Cysts</b>	Leila Sadeghi, Ali Dastranj, Parvin Mostafavi Gharabaghi, Farzam Sheikhzadeh, Sharareh Zamanvand, Mehri Jafari-Shobeiri	International Journal of Women's Health and Reproduction Sciences	2016
35	<b>Boswellia serrata gum resin aqueous extract upregulates BDNF but not CREB expression in adult male rat hippocampus</b>	Mohammad KHALAJ-KONDORI, Farzaneh SADEGHI, Mohammad Ali HOSSEINPOURFEIZI, Farzam SHAIKHZADEH-HESARI, Aylar NAKHLBAND, Mohammad RAHMATI-YAMCHI	Turkish Journal of Medical Sciences	2016
36	<b>Aqueous Extract of Frankincense Impedes Aluminum Chloride Induced Memory Impairment in Adult Male Rats</b>	Estelami N., Khalaj-Kondori M., Sheikhzadeh-Hesari F. and Hosseinpour-Feizi M. A.	Journal of Physiology and Pharmacology Advances	2016

37	<b>CHRONIC ADMINISTRATION OF CRYSTAL METH IN PARALLEL WITH OXIDATIVE STRESS IMPAIRED SPATIAL MEMORY IN PREFRONTAL CORTEX OF MAIL RATS</b>	S. Hatami, H. Hatami, F. Sheikhzade, G. Dehghan	Trakia journal of sciences	2016
38	<b>Phosphorylated connexin 43 protein level changes in the experimental diabetic rat's thoracic aorta</b>	Farzam Sheikhzadeh Hesari, Nazli Khajehnasiri	Experimental animal biology	2016
39	<b>Effect of Alcoholic Extract of Rosa canina on Hepatic Tissue and Hepatic Enzymes Activity in Diabetic Rats</b>	S Banan Khojasteh, E Basirat, F Sheikhzadeh, H Hatami	Journal of Ardabil University of Medical Sciences	2017
40	<b>Can regular moderate exercise lead to changes in miRNA-146a and its adapter proteins in the kidney of streptozotocin-induced diabetic male rats?</b>	H Oghbaei, NA Asl, F Sheikhzadeh	Endocrine Regulations	2017
41	<b>Alteration of Neurokinin B Gene Expression and Hypothalamic-PituitaryGonadal Axis in Response to One-month Regular Moderate Physical Activity</b>	Nazli Khajehnasiri, Homayoun Khazali, Farzam Sheikhzadeh Hesari	Arak Medical University Journal	2017
42	<b>The Role of NMDA Receptors of the Paragigantocellularis Lateralis Nucleus in the Antinociceptive Effect of 17<math>\beta</math>-estradiol in Ovariectomized Female Rats</b>	Roghaieh Khakpay, Hanieh Feizy, Farzam Sheikhzadeh Hesari	Arak Medical University Journal	2017
43	<b>Effect of 12- weeks aerobic training on some indices of skeletal muscle apoptosis in male rats</b>	Marefat Siahkohian, Masoud Asgharpour-Arshad, Lotfali Bolboli, Afshar Jafari, Farzam Sheikhzadeh Hesari	Medical Journal of Tabriz university of Medical Sciences and Health services	2017
44	<b>Effect of Three Month Aerobic Interval Training on Some of Mitochondrial Apoptotic Gene Expression in Rat Skeletal Muscle</b>	masoud asgharpour-arshad marefat siahkuhian lotfali bolboli , Afshar Jafari , farzam sheikhzadeh hesari	Journal of applied exercise physiology	2017
45	<b>Pretreatment of Alcoholic Extract of Scrophularia Striata on Spatial Memory and Lipid Peroxidation in Male Rats During Crystal Meth Addiction</b>	Hatami S, Hatami H, Sheikhzade F, Dehghan GH	Journal of Fasa University of Medical Sciences	2017
46	<b>The Role of the AMPA Receptors of Paragigantocellularis Lateralis Nucleus in Inflammatory Pain Modulation in Ovariectomized Female Rat</b>	Roghaieh Khakpay1, Hanieh Feyzi2, Farzam Sheikhzadeh Hesari	Journal of mazandaran university medical science	2018
47	<b>Swim training affects bone canonical Wnt pathway in type 2 diabetes induced by high fat diet and low dose of streptozotocin in male rats</b>	Laleh Pezhman, Farzam Sheikhzadeh Hesari, Rafighe Ghiasi & Mohammad Reza Alipour	Archives of Physiology and Biochemistry	2018
48	<b>The impact of forced swimming on expression of RANKL and OPG in a type 2 diabetes mellitus rat model</b>	Laleh Pezhman, Farzam Sheikhzadeh Hesari, Rafighe Ghiasi & Mohammad Reza Alipour	Archives of Physiology and Biochemistry	2018
49	<b>Various responses of male pituitary-gonadal axis to different intensities of long-term exercise: Role of expression of KNDYrelated genes</b>	NAZLI KHAJEHNASIRI, HOMAYOUN KHAZALI and FARZAM SHEIKHZADEH	J Biosci	2018
50	<b>Alterations of Hypothalamic Proopiomelanocortin Gene Expression and Appetite in Response, to One month Regular Moderate Exercise</b>	Khajehnasiri Nazli, Khazali Homayoun, Sheikhzadeh Hesari Farzam	Experimental Animal Biology	2018
51	<b>Effects of short-and long-term regular exercise on reproductive tissue in streptozotocin-induced diabetic male Wistar rats</b>	Z Mogaddami, F Sheikhzadeh, H Hatami, SMB Khojasteh, N Khajehnasiri	Endocrine regulations	2018
52	<b>Hypothyroidism effects on the morpho-histometrical features of testes in adult rats</b>	Farzam Sheikhzadeh, Seyed Mahdi Banan Khojasteh, Nazli Khajehnasiri, Ali Dastranj, Hassan Morovvati	Iranian Journal of Veterinary Medicine	2019



53	<b>One-month of high-intensity exercise did not change the food intake and the hypothalamic arcuate nucleus proopiomelanocortin and neuropeptide Y expression levels in male Wistar rats</b>	Nazli Khajehnasiri, Homayoun Khazali, Farzam Sheikhzadeh, Mahnaz Ghowsi	Endocrine Regulations	2019
54	<b>Effect of Alcoholic Extract of Scrophularia Striata on Improving Spatial Memory in the Model of Crystal Meth Addiction in Male Rats</b>	S Hatami, H Hatami, F Sheikhzade, G Dehghan	journal of Shahid Sadoughi University of Medical Sciences	2019
55	<b>The effect of exercise on reelin level in the hippocampus of diabetic rats</b>	S Khoshghadam, N Ahmadiasl, SS Hosseinzadeh, A Ramouz	Bratislavske lekarske listy	2020
56	<b>Long term treadmill exercise affects age-related oxidative stress in the spinal cord of rats</b>	G. Shokouhi , N. Ahmadiasl Related , L. Roshangar , A. Ghorbanihaghjo , F. Sheikhzadeh , M. Mesgari., M. Kosari-Nasab	Comparative Exercise Physiology	2021
57	<b>Review of COVID-19 and male genital tract</b>	F Sheikhzadeh Hesari, SS Hosseinzadeh, MA Asl Monadi	Andrologia	2021
58	<b>Regular moderate exercise effects on pro-inflammatory cytokines of diabetic rat's retina and optic nerve</b>	Nazli Khajehnasiri, Morteza Kosari-Nasab, Farzam Sheikhzadeh Hesari	Indian journal of physiology and pharmacology	2021
59	<b>Short-term regular moderate exercise improved male hypothalamic-pituitary-gonadal axis function via the reduction of hypothalamic neurokinin B expression in adult rats</b>	Nazli Khajehnasiri, Homayoun Khazali, Farzam Sheikhzadeh Hesari, Hamid Reza Sadeghnia, Omid Mehrpour	Physiology and Pharmacology	2021
60	<b>Intra-LPGi microinjection of glutamate receptors antagonists abolish 17<math>\beta</math>-estradiol-induced analgesic effect in the ovariectomized rats</b>	H Feyzi, F Khakpai, R Khakpay, FS Hesari, S Semnanian	Acta Neurobiol Exp 82, 521-533	2022
61	<b>Gemini curcumin inhibits 4T1 cancer cell proliferation and modulates the expression of apoptotic and metastatic genes on Balb/c Mice model</b>	BZ Zaker, FS Hesari, E Babaei	Pathol Res Pract	2023
62	<b>The neuroprotective effects of targeting key factors of neuronal cell death in neurodegenerative diseases: The role of ER stress, oxidative stress, and neuroinflammation</b>	ARAMM Mohammad Sobhan Karvandi, Farzam Sheikhzadeh Hesari	Front. Cell. Neurosci. 17	2023
63	<b>Design of Phage-Cocktail-Containing Hydrogel for the Treatment of Pseudomonas aeruginosa-Infected Wounds</b>	GZ Fatemeh Shafigh Kheljan , Farzam Sheikhzadeh Hesari, Mohammad Sadegh ...	Viruses 15, 1-19	2023

### Research Activities:

TITLE OF PROJECT	PLACE OF WORK	DATES	
		FROM	TO
Effect of exercises on spatial memory	university of Tabriz		
Effect of exercises on heart	university of Tabriz		

### Research Interests:

**Spatial memory, Neurophysiology, Endocrinology**

## Papers Presented at National and International Scientific Assemblies:

TITLE OF PAPER	TITLE AND PLACE OF ASSEMBLY	DATE
<i>Long-term regular exercise promotes memory and learning in young but not in older rats</i>	<i>III International Congress on Sports Medicine, Exercise Science, Physical Education and Yogic Science</i>	2008
<i>Bacteriophage therapy against experimentally induced Escherichia coli mastitis in rat model</i>	<i>10<sup>th</sup> Iranian congress of microbiology</i>	2009
<i>coliphage isolation from waste waters and their polyvalency against some pathogenic Escherichia coli</i>	<i>10<sup>th</sup> Iranian congress of microbiology</i>	2009
<i>Comparative study of intraperitoneal injection of ecstasy and crystalmeth on the blood parameters in male rats</i>	<i>4<sup>th</sup> international conference of biology</i>	2010
<i>Spa gene polymorphism in Staphylococcus aureus isolates from cow milk</i>	<i>First international iranian congress of microbiology</i>	2011
تاثیر عصاره <i>teucrium orientale</i> بر روی شاخص های استرس اکسیداتیو و پراکسیداسیون لیپیدی در کلیه موشهای صحرایی دیابتی شده با استرپتوزوتوسین	<i>20th international iranian congress of physiology and pharmacology</i>	2011
<i>Effect of Regular Moderate Exercise, on Blood Glucose and Body Weight Changes in</i>	<i>5th international conference of biology</i>	2012
<i>Phosphorelated Connexin 43 levels, changes in the heart of adult male diabetic rats</i>	<i>5th international conference of biology</i>	2012
<i>The Effect of Short-term Forced Exercise on Spatial Memory of Adult Male Rats</i>	<i>5th international conference of biology</i>	2012
<i>The effect of regular exercise on Reelin levels in the Hippocampus of male Diabetic rats</i>	<i>5th international conference of biology</i>	2012
<i>The effect of short term regular exercise on Reelin protein level in the brain cortex of adult rats</i>	<i>First international basic and clinical neuroscience congress</i>	2012
<i>The effect of Diabetes on Reelin levels in the cerebellum of mature male rats</i>	<i>5th international conference of biology</i>	2012
<i>The Effect of Regular Exercise on Spatial Memory in Diabetic Male Rats</i>	<i>5th international conference of biology</i>	2012
<i>The effect of long-term forced exercise on Reelin level in the hippocampus of adult male rats</i>	<i>First international basic and clinical neuroscience congress</i>	2012
<i>phosphorylated connexin 43 is increased in the retina of diabetic rats</i>	<i>National conference in modern biological sciences and technologies</i>	2012
<i>Spa gene polymorphism in Staphylococcus aureus isolates from cow milk</i>	<i>First international iranian congress of microbiology</i>	2012
<i>Effect of alcoholic extract Terfezia boudiere chatin on LH, FSH, and testosterone</i>	<i>First conference on biology and agricultural science</i>	2013
<i>BDNF and Spatial Memory in Type 1 diabetic rats</i>	<i>21th international iranian congress of physiology and pharmacology</i>	23-27 August 2013
<i>Effect of the ethanol extract of Terfezia boudieri on testis of male and hypothalamus-hypophysigonad axis</i>	<i>21th international iranian congress of physiology and pharmacology</i>	23-27 August 2013
<i>The effect of aqueous extract of Boswellia on learning and spatial memory in adult male rats</i>	<i>21th international iranian congress of physiology and pharmacology</i>	23-27 August 2013
<i>Cerebellum and Reelin under exercise conditions</i>	<i>21th international iranian congress of physiology and pharmacology</i>	23-27 August 2013
<i>Cerebral cortex and Reelin protein synthesis under impact of physical activity</i>	<i>21th international iranian congress of physiology and pharmacology</i>	23-27 August 2013

<i>The effect of regular moderate exercise, on cardiac hypertrophy index in diabetic adult male rats</i>	<i>21th international iranian congress of physiology and pharmacology</i>	<i>23-27 August 2013</i>
<i>Attenuation of Phosphorylated Connexin 43 Protein Levels in Diabetic Rat Heart, by Regular Moderate Exercise</i>	<i>21th international iranian congress of physiology and pharmacology</i>	<i>23-27 August 2013</i>
<i>Diabetes, Long-term Exercise and Plasticity</i>	<i>21th international iranian congress of physiology and pharmacology</i>	<i>23-27 August 2013</i>
<i>Effects of methanol extract of Teucrium orientale on activity of total sulfhydryl content in Liver in streptozotocin-induced diabetic rats</i>	<i>21th international iranian congress of physiology and pharmacology</i>	<i>23-27 August 2013</i>
<i>Effects of methanol extract of Teucrium orientale on activity of Alkaline phosphatase enzymes in streptozotocin-induced diabetic rats</i>	<i>21th international iranian congress of physiology and pharmacology</i>	<i>23-27 August 2013</i>
<i>BDNF Levels in Sciatic Nerve</i>	<i>21th international iranian congress of physiology and pharmacology</i>	<i>23-27 August 2013</i>
<i>Effects of Regular Long-term Exercise on Tumor Necrosis Factor (TNF- <math>\alpha</math>) in the Kidney of Diabetic Rats</i>	<i>21th international iranian congress of physiology and pharmacology</i>	<i>23-27 August 2013</i>
<i>TNF- <math>\alpha</math> and the effect of short term exercise on the type1 diabetic rats in testis tissue</i>	<i>6<sup>th</sup> international congress of biology in Iran</i>	<i>26-29 august 2014</i>
<i>Number and epithelial type of ovarian inclusion cysts; correlation with contraception method and tubal metaplasia</i>	<i>6<sup>th</sup> international congress of biology in Iran</i>	<i>26-29 august 2014</i>

### Awards, Honorary Degrees, Medals and Positions:

Title of Award, Medal, Position	Issuing Authority	Country	Year
Perfect master	Teaching	Iran, university of Tabriz	2017

### Membership to Scientific Associations:

NAME OF	POSITION HELD	COUNTRY	YEAR
Iranian neuroscience society	member	Iran	2014

### Language Proficiency:

LANGUAGE												
	Native	Good	Fair	Poor	Native	Good	Fair	Poor	Native	Good	Fair	POOR
Farsi	***				***				***			
Azari	***				***				***			
English			***			***				***		