Curriculum Vitae (C.V)

DATE OF PREPARATION: June. 18, 2022

NAME AND FAMILY: ***MAJID KHEIROLLAHI***

PERSONAL DATA

Date of Birth: 1973

Place of Birth: Isfahan, Iran

Marital Status: Married

AT PRESNET

- Associate professor of Medical Genetics, Division of Genetics and Molecular Biology, Medical School, Isfahan University of Medical Sciences, Isfahan (http://www.mui.ac.ir), 81746-73461 IRAN, Tel: +98(311)792 2486 (18 Years).

- Founder and technical responsible of Gene Azma Medical Genetics laboratory (5 Years).
  - **https://geneazma.ir**

- Head of Pediatric Infectious Diseases Research Center, Institute of Primary Prevention of Non-communicable Diseases, Isfahan University of Medical Sciences, Isfahan (8 Years).

RESEARCH FIELDS

GENETICS & HEREDITY

Identifiers

Web of Science ResearcherID: W-1912-2017

ORCID 0000-0003-1981-1340

Scopus H-index: 12

Google Scholar H-index: 14

EDUCATION

2010- 2011 (Jan.) **Short-term Exchange in Proteomics of Brain Tumors;** Erasmus MC, Rotterdam, the Netherlands

2005 – 2011 (Jan.) **Ph.D. in Medical Genetics;** Tehran University of Medical Sciences

1997 – 1999 (Nov.) **M.Sc. in Human Genetics;** Tehran university of Medical sciences

1992 - 1996 **B.Sc. in Biology;** Isfahan University

TITLE OF Ph.D. THESIS

• Alterations in Telomere Length, Telomerase Activity and Cell Cycle Genes Expression in Human Brain Tumors (astrocytoma, meningioma), Executive Supervisor: **Dr. Mehipour, P**.

EMPLOYMENT HISTORY

• Expert of Genetic consulting center, Welfare Organization, Isfahan; from 1999 to 2000.

• Expert & Responsible Person of Genetic Consulting Center, Welfare Organization, Shahrekord; 2001-2005

SOCIETY MEMBERSHIP:

Iranian Medical Genetics Society (5 years)

HONORS, PRIZES AND AWARDS

2010 **Top researcher in the field of Medical genetics**

From Head of Tehran University of Medical School

2000 **Appreciation of the responsible of genetic counseling center**

From Head of State Welfare Organization

PUBLICATIONS

A) BOOKS

1- **Kheirollahi M., Genetic (Basic and Medical), Tehran, Jahad Daneshgahi Press, Dec. 2009.**

2- **Kheirollahi M**. & Rashidinejad A., IQB of GENETICS, 1st ed. Tehran; Behandishan Press, 2009.

B) JOURNAL PAPERS

NO	TITLE	YEAR
1	A novel signal amplification tag to develop rapid and sensitive aptamer-based biosensors S Radfar, R Ghanbari, AA Isfahani, H Rezaei, M Kheirollahi Bioelectrochemistry 145, 108087	2022
2	The relationship between screening markers in the first trimester of pregnancy and chromosome aberrations M Mirsafaie, L Moghaddam-Banaem, M Kheirollahi International Journal of Preventive Medicine 13 (1), 81	2022
3	Methylation and polymorphism in CDH1 gene promoter among patients with diffuse gastric cancer MN Vishteh, M Zeinalian, M Kheirollahi, AJ Mamaghani, MA Zolfaghari International Journal of Preventive Medicine 13	2022
4	Identification of a missense variant in the EIF2B3 gene causing vanishing White matter disease with antenatal-onset but mild symptoms and Long-term survival M Khorrami, E Khorram, O Yaghini, M Rezaei, A Hejazifar, O Iravani Journal of Molecular Neuroscience 71 (11), 2405-2414	2021
5	Germline likely pathogenic variants in ataxia-telangiectasia-mutated gene in an Iranian family with hereditary diffuse gastric cancer without CDH1 mutation M Kheirollahi, M Saneipour, A Moridnia Journal of Cancer Research and Therapeutics 17 (6), 1434	2021
6	Homozygous TFG gene variants expanding the mutational and clinical spectrum of hereditary spastic paraplegia 57 and a review of literature M Khorrami, MA Tabatabaiefar, E Khorram, O Yaghini, M Rezaei, ... Journal of Human Genetics 66 (10), 973-981	2021

NO	TITLE	YEAR
7	Expression and clinical significance of IL7R, NFATc2, and RNF213 in familial and sporadic multiple sclerosis SZH Imani, Z Hojati, S Khalilian, F Dehghanian, M Kheirollahi, ... Scientific reports 11 (1), 1-10	2021
8	An interdependence between GAPVD1 gene polymorphism, expression level and response to interferon beta in patients with multiple sclerosis B Khademi, M Khorrami, H Ayromlou, R Rikhtegar, EA Moghadam, ... Journal of Neuroimmunology 353, 577507	2021
9	Gene expression profiles of YAP1, TAZ, CRB3, and VDR in familial and sporadic multiple sclerosis among an Iranian population S Khalilian, Z Hojati, F Dehghanian, V Shaygannejad, SZH Imani, ... Scientific reports 11 (1), 1-10	2021
10	Using whole exome sequencing in determining the genetic cause of Parkinson disease in an Iranian family. R Meamar, S Sabbagh, M Khorrami, MA Ghahfarokhi, A Chitsaz, ... Neurology Asia 26 (1)	2021
11	Possible preventive effect of donepezil and hyoscyamoside by reduction of plaque formation and neuroinflammation in Alzheimer's Disease FH Soureshjani, M Kheirollahi, P Yaghmaei, S Fattahjadnematalahi International Journal of Preventive Medicine 12	2021
12	Novel somatic variants in CTNNA1 gene in Iranian patients with diffuse gastric cancer MN Vishteh, TA Salmani, AJ Mamaghani Gastroenterology and Hepatology From Bed to Bench 14 (1), 17	2021
13	New Variants in the CDH1 Gene in Iranian Families with Hereditary Diffuse Gastric Cancer M Kheirollahi, M Saneipour, MA Tabatabaiefar, M Zeinalian, M Minakari	2020

NO	TITLE	YEAR
	Middle East Journal of Cancer 11 (4), 493-501	
14	The Effect of Parental Consanguinity on Clinical Course and Outcome of Children with Focal Segmental Glomerulosclerosis, a Report from Isfahan, Iran A Gheissari, R Meamar, M Kheirollahi, A Abedini Iranian Journal of Kidney Diseases 14 (5), 348-357	2020
15	Effect of Donepezil and Hyoscyamoside on Improving Spatial Memory in Rats With Alzheimer's Disease F Heidari Soureshjani, M Kheirollahi, P Yaghmaei, ... Journal of Arak University of Medical Sciences 23 (4), 524-539	2020
16	The clinical effectiveness of preimplantation genetic diagnosis for chromosomal translocation carriers: a meta-analysis M Mahdavi, SM Sharafi, SS Daniali, R Riahi, M Kheirollahi Global Medical Genetics 7 (01), 014-021	2020
17	Meta-Analysis on the Association of C-Reactive Protein Polymorphisms with Metabolic Syndrome SM Sharafi, M Mahdavi, R Riahi, M Kheirollahi, R Kelishadi Global Medical Genetics 7 (01), 008-013	2020
18	Gene Delivery by Pei-Nanocomplex Into Breast and Colorectal Tumor Cell Lines, the Impacts of N/P Ratio, Size and Type of the Cell M Rasoolian, SY Hosseini, H Khanahmad, J Sarvari, F Rahbarizadeh, ... FABAD Journal of Pharmaceutical Sciences 45 (1), 19-27	2020
19	Increased Risk of Multiple Sclerosis in the Presence of a Genetic Variant in 19-Nucleotide Downstream of miR-148a Coding Gene in Isfahan City Population in Iran F Ahmadi, M Peymani Journal of Isfahan Medical School 37 (541), 1040-1046	2019

NO	TITLE	YEAR
20	Novel variants and copy number variation in CDH1 gene in Iranian patients with sporadic diffuse gastric cancer A Moridnia, MA Tabatabaiefar, M Zeinalian, M Minakari, M Kheirollahi, ... Journal of Gastrointestinal Cancer 50 (3), 420-427	2019
21	Mn-doped ZnS quantum dots-chlorin e6 shows potential as a treatment for chondrosarcoma: an in vitro study NB Mohsenian, A Shanei, SJ Alavi, M Kheirollahi, AH Nia, MB Tavakoli IET nanobiotechnology 13 (4), 387-391	2019
22	MDA-7/interleukin 24 (IL-24) in tumor gene therapy: application of tumor penetrating/homing peptides for improvement of the effects M Rasoolian, M Kheirollahi, SY Hosseini Expert Opinion on Biological Therapy 19 (3), 211-223	2019
23	A Novel Pathogenic Variant in NAGLU (N-Acetyl-Alpha-Glucosaminidase) gene Identified by Targeted Next-Generation Sequencing Followed by in Silico Analysis M Khorrami, M Mahdavi, F Fakhr, M Kheirollahi Iranian Journal of Child Neurology 13 (4), 173	2019
24	In silico analysis of A novel pathogenic variant in an Iranian Mucopolysaccharidosis IIIB patient identified by targeted next-generation sequencing M Khorrami, M Mahdavi, F Fakhr, M Kheirollahi Iranian Journal of Child Neurology 13 (4), 173-183	2019
25	Clinical Feature and Genetics in Rett Syndrome: A Report on Iranian Patients P Karimzadeh, M Kheirollahi, SM Houshmand, S Dadgar, O Aryani, ... Iranian Journal of Child Neurology 13 (4), 37	2019
26	Targeting MCF-7 Cell Line by Listeriolysin O Pore Forming Toxin Fusion with AHNP Targeted Peptide.	2019

NO	TITLE	YEAR
	Fotoohi-Ardakani G, Kheirollahi M, Zarei Jaliani H, Noorian M, Ansariniyia H. Adv Biomed Res. 2019 May 27;8:33. doi: 10.4103/abr.abr_18_19. eCollection 2019.	
27	Mn-doped ZnS quantum dots-chlorin e6 shows potential as a treatment for chondrosarcoma: an in vitro study. Mohsenian NB, Shanei A, Alavi SJ, Kheirollahi M, Nia AH, Tavakoli MB. IET Nanobiotechnol. 2019 Jun;13(4):387-391. doi: 10.1049/iet-nbt.2018.5387.	2019
28	The MTHFR C677T polymorphism influences the efficacy of folic acid supplementation on the nerve conduction studies in patients with diabetic polyneuropathy; A randomized, double blind, placebo-controlled study. Mottaghi T, Khorvash F, Kheirollahi M, Maracy M, Askari G. J Res Med Sci. 2019 Apr 26; 24:36. doi: 10.4103/jrms.JRMS_774_18. eCollection 2019.	2019
29	Correlations between the expression of hTERT and α and β splice variants in human brain tumors. Khajehgoodari R, Khorvash F, Kheirollahi M, Mirsafaie M, Salehi M. Adv Clin Exp Med. 2019 Apr; 28(4):507-513. doi: 10.17219/acem/81934	2019
30	Variants in Human Prostacyclin Receptor Gene in Patients with Migraine Headache. Khorvash F, Kheirollahi M, Kazemi M, Amini G, Khorrami M, Mirsafaie M, Mohammadi MR. Iran J Psychiatry. 2018 Oct; 13(4):239-243.	2019
31	MDA-7/interleukin 24 (IL-24) in tumor gene therapy: application of tumor penetrating/homing peptides for improvement of the effects. Rasoolian M, Kheirollahi M, Hosseini SY.	2019

NO	TITLE	YEAR
	Expert Opin Biol Ther. 2019 Mar; 19(3):211-223. doi: 10.1080/14712598.2019.1566453. Epub 2019 Jan 21. Review	
32	TRPC6 Mutational Analysis in Iranian Children With Focal Segmental Glomerulosclerosis. Gheissari A, Meamar R, Kheirollahi M, Rouigari M, Dehbashi M, Dehghani L, Abedini A. Iran J Kidney Dis. 2018 Nov; 12(6):341-349.	2019
33	In silico analysis of SLC3A1 and SLC7A9 mutations in Iranian patients with Cystinuria. Mahdavi M, Koulivand L, Khorrami M, Mirsafaie M, Kheirollahi M. Mol Biol Rep. 2018 Oct; 45(5):1165-1173. doi: 10.1007/s11033-018-4269-6. Epub 2018 Aug 1.	2018
34	In silico analysis of A novel pathogenic variant in an Iranian Mucopolysaccharidosis IIIB patient identified by targeted next-generation sequencing Mehdi Khorrami, Manijeh Mahdavi, Fatemeh Fakhr, Majid Kheirollahi Iranain Journal of Child Neurology	2018
35	In silico analysis of *SLC3A1* and *SLC7A9* mutations in Iranian patients with Cystinuria M Mahdavi, L Koulivand, M Khorrami, M Mirsafaie, M Kheirollahi Molecular Biology Reports 45 (5), 1165-1173	2018
36	Variants in Human Prostacyclin Receptor Gene in Patients with Migraine Headache F Khorvash, M Kheirollahi, M Kazemi, G Amini, M Khorrami, M Mirsafaie, ... Iranian Journal of Psychiatry 13 (4), 239-243	2018

NO	TITLE	YEAR
37	Meta-Analysis of the Association between GABA Receptor Polymorphisms and Autism Spectrum Disorder (ASD) M Mahdavi, M Kheirollahi, R Riahi, F Khorvash, M Khorrami, M Mirsafaie Journal of Molecular Neuroscience 65 (1), 1-9	2018
38	Novel Variants and Copy Number Variation in *CDH1* Gene in Iranian Patients with Sporadic Diffuse Gastric Cancer A Moridnia, MA Tabatabaiefar, M Zeinalian, M Minakari, M Kheirollahi, ... Journal of gastrointestinal cancer, 1-8	2018
39	Allgrove Syndrome in Iranian Patients and Report on a Novel Mutation in *AAAS* Gene M Hashemipour, M Khorrami, M Mahdavi, MH Khujin, M Kheirollahi Iranian Journal of Pediatrics 28 (1)	2018
40	Identification of B and T cell epitope based peptide vaccine from IGF-1 receptor in breast cancer M Mahdavi, V Moreau, M Kheirollahi Journal of Molecular Graphics and Modelling 75, 316-321	2017
41	A report of a novel mutation in human prostacyclin receptor gene in patients affected with migraine M Kheirollahi, MR Pourreza, F Khorvash, M Kazemi, G Amini Iranian journal of psychiatry 12 (3), 219	2017
42	A novel mutation in SLC7A9 gene in Cystinuria S Fazaeli, S Ashouri, M Kheirolahi, M Mohammadi, M Fazilati Iranian journal of kidney diseases 11 (2), 138	2017
43	Comparative study on mutations in CDH1 gene in Iranian patients with hereditary diffuse gastric cancer (HDGC) and sporadic diffuse gastric cancer (SDGC) A Moridnia, M Kheirollahi, MA Tabatabaeifar, M Zeinalian	2017

NO	TITLE	YEAR
	Journal of Isfahan Medical School 35 (432), 622-628	
44	Evaluation of miR-362 expression in astrocytoma of human brain tumors M Kheirollahi, M Moodi, S Ashouri, P Nikpour, M Kazemi Advanced biomedical research 6	2017
45	Capillary versus Venous Blood Glucose in Patients with Coma V Wiwanitkit Advanced biomedical research 6	2017
46	Assessment Effects of Resveratrol on Human Telomerase Reverse Transcriptase Messenger Ribonucleic Acid Transcript in Human Glioblastoma A Mirzazadeh, M Kheirollahi, E Farashahi, F Sadeghian-Nodoushan, ... Advanced biomedical research 6	2017
47	Simple and easy to perform preimplantation genetic diagnosis for β-thalassemia major using combination of conventional and fluorescent polymerase chain reaction R Salehi, S Khosravi, M Salehi, M Kheirollahi, H Khanahmad Advanced biomedical research	2017
48	MeDIP real-time qPCR has the potential for noninvasive prenatal screening of fetal trisomy 21 M Kazemi, M Salehi, M Kheirollahi International journal of molecular and cellular medicine 6 (1), 13	2017
49	Report of SLC3A1/rBAT gene mutations in Iranian cystinuria patients: A direct sequencing study S Markazi, M Kheirollahi, A Doosti, M Mohammadi Journal of research in medical sciences: the official journal of Isfahan …	2017
50	Prevalence of high-risk human papillomavirus infection in women with ovarian endometriosis	2017

NO	TITLE	YEAR
	M Heidarpour, M Derakhshan, M Derakhshan-Horeh, M Kheirollahi, ... Journal of Obstetrics and Gynaecology Research 43 (1), 135-139	
51	miR-145 and miR20a-5p Potentially mediate pleiotropic effects of interferon-beta through mitogen-activated protein kinase signaling pathway in multiple sclerosis patients N Ehtesham, F Khorvash, M Kheirollahi Journal of Molecular Neuroscience 61 (1), 16-24	2017
52	Comparison of the Frequency of Y-short Tandem Repeats Markers between Sadat and Non-Sadat Populations in Isfahan Province of Iran R Seyedebrahimi, E Esfandiari, B Rashidi, R Salehi, AG Dahghi, S Dabiri, ... Advanced biomedical research	2017
53	MiR-182-5p inhibition with locked nucleic acid induces apoptosis, necrosis and reduces cell proliferation in human acute promyelocytic leukemia A Moridnia, M Sharifi, RM FASIHI, A Najafi, M Kheirollahi	2016
54	Ligustilide is a major component of Radix Angelica Sinensis and reported to have anti-inflammatory and anti-nociceptive effects. Toll-like receptor 4 (TLR4) has been shown to … M Kheirollahi, E Kazemi, S Ashouri Cellular and Molecular Neurobiology 36 (1), 143-149	2016
55	Next-generation sequencing and its applications M MOSALLAYI, H MIRZAEI, M SIMONIAN, M KHEIROLLAHI JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS) 33 (368), 2469-2480	2016
56	The effect of beta interferon on the expression of miR-145 in patients with multiple sclerosis N EHTESHAM, MR SHARIFI, F KHORVASH, M KHEIROLLAHI	2016

NO	TITLE	YEAR
	JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS) 34 (396), 1013-1018	
57	Down syndrome: Current status, challenges and future perspectives M Kazemi, M Salehi, M Kheirollahi International journal of molecular and cellular medicine 5 (3), 125	2016
58	Effect of teicoplanin on the expression of c-myc and c-fos proto-oncogenes in MCF-7 breast cancer cell line S Ashouri, MH Khujin, M Kazemi, M Kheirollahi Advanced biomedical research	2016
59	Mutation analysis of SLC3A1 and SLC7A9 genes in patients with cystinuria B Ezatpour, M Kheirollahi, L Koulivand, M Mohammadi, R Salehi, ... Urolithiasis	2016
60	Existence of mutations in the homeodomain-encoding region of NKX2. 5 gene in Iranian patients with tetralogy of Fallot M Kheirollahi, F Khosravi, S Ashouri, A Ahmadi Journal of research in medical sciences: the official journal of Isfahan …	2016
61	Genetic analysis of Iranian family with hereditary cardiac arrhythmias by next generation sequencing M Asadi, R Foo, MR Samienasab, AR Salehi, M Kheirollahi, ... Advanced biomedical research	2016
62	A novel mutation in SLC3A1 gene in patients with cystinuria S Markazi, M Kheirollahi, A Doosti, M Mohammadi, L Koulivand Iranian journal of kidney diseases 10 (1), 44	2016
63	Brain-derived neurotrophic factor gene Val66Met polymorphism and risk of schizophrenia: a meta-analysis of case–control studies M Kheirollahi, E Kazemi, S Ashouri Cellular and molecular neurobiology 36 (1), 1-10	2016

NO	TITLE	YEAR
64	Cystinuria in a Patient With a Novel Mutation in SLC7A9 Gene M Kheirollahi, L Koulivand, M Mohammadi, B Ezatpour Iranian Journal of Kidney Diseases	2015
65	Mutation analysis of SLC3A1 and SLC7A9 genes in patients with cystinuria L Koulivand, M Mohammadi, B Ezatpour, R Salehi, S Markazi, S Dashti, ... Urolithiasis 43 (5), 447-453	2015
66	Comparison of TERRA expression in human brain tumors S Dashti, F Khorvash, R Salehi, P Mahzouni, L Koulivand, M Kheirollahi European Journal of Oncology 20 (1), 25-31	2015
67	Knocking down the DRD2 by shRNA expressing plasmids in the nucleus accumbens prevented the disrupting effect of apomorphine on prepulse inhibition in rat MR Noori-Daloii, A Shahbazi, S Alizadeh Zendehrood, A Shayan Nia, ... Journal of Sciences, Islamic Republic of Iran 26 (3), 205-212	2015
68	Cystinuria in a patient with a novel mutation in SLC7A9 gene L Koulivand, M Mohammadi, B Ezatpour, M Kheirollahi Iranian journal of kidney diseases 9 (1), 63-66	2015
69	Telomeric repeat-containing RNA (TERRA) and human diseases S Dashti, M Kheirollahi Journal of Isfahan Medical School 33 (330)	2015
70	Retinal cell regeneration by stem cells F Nazem-Roaya, R Heidari, M Kheirollahi Journal of Isfahan Medical School 33 (321), 54-69	2015
71	Plant expression of human proinsulin using the plasmid viral university of Tehran (pVUT) vector M Kheirollahi, AA Shahnejat-Bushehri, F Abooei-Mehrizi, H Alizade Journal of Isfahan Medical School 33 (327)	2015

NO	TITLE	YEAR
72	The role of transcription factors in regulating the development and differentiation of neural retina cells R Heidari, F Nazemroaya, M Kheirollahi Journal of Isfahan Medical School 33 (351)	2015
73	Expression of mir-148a in human meningioma tumors M Moodi, M Kheirollahi Journal of Isfahan Medical School 33 (325), 252-527	2015
74	Expression of TERRA in different grades of astrocytoma S DASHTI, S ASHOURI, M KHEIROLLAHI JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS) 32 (317), 2333-2342	2015
75	Expression of ZFX gene correlated with the central features of the neoplastic phenotype in human brain tumors with distinct phenotypes A Afzali, M Emadi-Baygi, P Nikpour, F Nazemroaya, M Kheirollahi Advanced biomedical research 4	2015
76	Annexin V FITC conjugated as a radiation toxicity indicator in lymphocytes following radiation overexposure in radiotherapy programs MB Tavakoli, M Kheirollahi, A Kiani, M Kazemi, SH Javanmard, ... Advanced biomedical research 4	2015
77	Expression of prostaglandin I2 (prostacyclin) receptor in blood of migraine patients: A potential biomarker M Kheirollahi, M Kazemi, G Amini, F Khorvash, F Ahangari, M Kolahdouz, Advanced biomedical research 4	2015
78	Brain tumors: Special characters for research and banking M Kheirollahi, S Dashti, Z Khalaj, F Nazemroaia, P Mahzouni Advanced biomedical research 4	2015

NO	TITLE	YEAR
79	Comparison of Inserted Mouse IP-10 Gene Copy Number in Helper-Dependent and Independent System Based on PiggyBac Transposition in Human Embryonic Kidney Cells. H Mirzapour, A Karamzade, H Khanahmad, R Salehi, M Kheirollahi Journal of Isfahan Medical School 32 (275)	2014
80	An Overview of Peptide Nucleic Acids: Structure, Properties, and Applications. A Farrokhifard, M Kheirollahi Journal of Isfahan Medical School 31 (270)	2014
81	An Overview of Peptide Nucleic Acids: Structure, Properties, and Applications. A Farrokhifard, M Kheirollahi Journal of Isfahan Medical School 31 (270)	2014
82	Telomerase and Therapy of Brain Tumors. M Kheirollahi, R Khajeh-Goodari, R Ghavimi Journal of Isfahan Medical School 31 (267)	2014
83	Detection of Mutation in Exons 3 and 8 of SLC3A1 and Exons 4 and 10 of SLC7A9 Genes in Patients Affected by Cystinuria in Iran L Koulivand, M Mohammadi, R Salehi, B Ezatpour, ... JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS) 32 (293), 1-8	2014
84	miRNA, Biogenesis and Mechanisms of Regulations N Ehtesham, M Modi, M Kheirollahi Journal of Isfahan Medical School (IUMS) 32 (296), 0-0	2014
85	Evaluation of Measuring Radiation-Induced Apoptosis in Human T-Lymphocytes by Flow Cytometry as a Biological Dosimetry System MB Tavakkoli, M Kheirollahi, A Kiani, M Kazemi, L Mohebat,	2014

NO	TITLE	YEAR
	Journal of Isfahan Medical School Received: 27.02.2014 Vol. 32, No. 284, 1st Week, July 2014	
86	Genetics Aspects of Male Infertility. A Karamzade, H Mirzapour, M Kheirollahi Journal of Isfahan Medical School 31 (246)	2013
87	Establishing a Tumor Bank and Challenges. M Kheirollahi, Z Khalaj, F Nazem-Roaia, S Dashti, F Khorvash, M Kazemi Journal of Isfahan Medical School 31 (245)	2013
88	Telomerase activity in human brain tumors: astrocytoma and meningioma M Kheirollahi, M Mehrazin, N Kamalian, J Mohammadi-asl, P Mehdipour Cellular and molecular neurobiology 33 (4), 569-574	2013
89	The Role of Telomere in Cell; Telomere Dysfunction and Tumorigenesis. M Kheirollahi, M Kolahdouz, F Ahangari, L Koulivand, F Khorvash Journal of Isfahan Medical School 30 (222)	2013
90	The Role of Telomere in Cell; Telomere Dysfunction and Tumorigenesis. M Kheirollahi, M Kolahdouz, F Ahangari, L Koulivand, F Khorvash Journal of Isfahan Medical School 30 (222)	2013
91	Telomere, Regulation and Tumorigenesis M Kheirollahi Telomere Territory and Cancer, 55-98	2013
92	Telomere Structure and Its Role in DNA Damage and Genetic Disorders. M Kheirollahi, L Koulivand Journal of Isfahan Medical School 30 (210)	2012
93	Glioma Biomarker Discovery by Mass Spectrometry (P06. 001) L Dekker, M Kheirollahi, G Stockhammer, T Luider, PS Smitt Neurology 78 (1 Supplement), P06. 001-P06. 001	2012

NO	TITLE	YEAR
94	Glioma biomarker discovery by mass spectrometry L Dekker, M Kheirollahi, G Stockhammer, T Luider, PS Smitt Cancer Research 72 (8 Supplement), 1266-1266	2012
95	Use of siRNA in knocking down of dopamine receptors, a possible therapeutic option in neuropsychiatric disorders MR Noori-Daloii, M Mojarrad, A Rashidi-nezhad, M Kheirollahi, ... Molecular biology reports 39 (2), 2003-2010	2012
96	Qualitative and quantitative promoter hypermethylation patterns of the P16, TSHR, RASSF1A and RARβ2 genes in papillary thyroid carcinoma J Mohammadi-asl, B Larijani, Z Khorgami, SM Tavangar, V Haghpanah, ... Medical oncology 28 (4), 1123-1128	2011
97	Evolutionary hypothesis of telomere length in primary breast cancer and brain tumour patients: a tracer for genomic—tumour heterogeneity and instability P Mehdipour, M Kheirollahi, M Mehrazin, N Kamalian, M Atri Cell biology international 35 (9), 915-925	2011
98	Alterations of telomere length in human brain tumors M Kheirollahi, M Mehrazin, N Kamalian, P Mehdipour Medical Oncology 28 (3), 864-870	2011
99	Expression of cyclin D2, P53, Rb and ATM cell cycle genes in brain tumors M Kheirollahi, M Mehr-Azin, N Kamalian, P Mehdipour Medical Oncology 28 (1), 7-14	2011
100	Androgen Receptor Gene CAG Repeat Polymorphism and Breast Cancer Risk in Iranian Women: A Case-Control Study P Mehdipour, S Pirouzpanah, M Kheirollahi, M Atri The breast journal 17 (1), 39-46	2011
101	Alpha-and beta-synucleins mRNA expression in lymphocytes of schizophrenia patients	2010

NO	TITLE	YEAR
	MR Noori-Daloii, M Kheirollahi, P Mahbod, F Mohammadi, AN Astaneh, ... Genetic testing and molecular biomarkers 14 (5), 725-729	
102	Mining the Common Facts in Cancer: Reliability of Protein Expression in Breast Cancer and Brain Tumor P Mehdipour, M Kheirollahi, M Mehrazin, M Atri Proceedings of the World Medical Conference. p.226-230	2010
103	The spectrum of β-thalassemia mutations in Isfahan Province of Iran P Derakhshandeh-Peykar, H Hourfar, M Heidari, M Kheirollahi, ... Iranian Journal of Public Health 37 (2), 106-111	2008

C) PRESENTATION AT CONFERENCES

1- Mutations in SLC3A1 and SLC7A9 Genes in Iranian Patients with Cystinuria

*Conference:*PCS Wolrd Conference of Reproductive Health-2017

Authors: Kheirollahi M., Mahdavi M., Koulivand L., Markazi S., Fazaeli S., Mohammadi M., Mirsafaie, M

2- Telomerase Activity in Human Brain Tumors, accepted by the ICG-6 conference committee.

Conference: The 6th International Conference on Genomics (ICG-6), Nov. 12-15,
2011

Authors: Kheirollahi M., Mehrazin M., Kamalian N., Mohammadi J., Mehdipour p.

3- A rare case of Fibula aplasia and complex brachydactyly

Conference: European Congress of Human Genetics, May 25 - 29, 2002, Strasbourg,
France Programme.

Authors: Kheirollahi M., Azadeh B.

4- Mining the Common Facts in Cancer: Reliability of Protein Expression in Breast Cancer and Brain Tumor

Conference: Proceedings of the World Medical Conference. Sep. 15-17, 2010, North
Atlantic University Union, Malta

Authors: Mehdipour P, Kheirollahi M, Mehrazin M, Atri M

5- Proteomics of CSF, Cyst and serum samples of patients affected with Glioblastoma

Conference: The second Iranian society of Medical Genetics congress. June 20-21, 2011; (Speech).

Authors: Luider T., Kheirollahi M., Dekker L., Mehdipour P.

6- A rare case of Fibula aplasia and complex brachydactyly

Conference: The 8th Iranian Genetics Congress. May 20- 23, 2003; (Speech).

Authors: Kheirollahi M., Azadeh B.

7- Identification of mutations in exons 5 and 8 of the P53 gene in patients affected with colorectal cancer

Conference: The First International Congress of Cancer Genetics, under the Auspices of the UICC. 13-16 December 2003; (Poster).

Authors: Kheirollahi, M., Mehdipour, P., Atri M.

8- Prevalence of the Connexin 26 gene Mutations in non-syndromic hearing loss in Iran

Conference: The 9th Iranian Genetics Congress. May 19- 22, 2006; (Speech).

Authors: Hashemzadeh M., Kheirollahi M.

9- Report of a case of Chediak Higashi syndrome

Conference: The first Congress of Genetic Disorder & Disabilities in Iran. April 12-14, 1999; (Poster).

Authors: Farhoud D., Kheirollahi, M.

10- Report of a Case of Multiple Cartilaginous Exostoses

Conference: The 2nd Iranian Congress of Genetic Disorder & Disabilities. 7–11 Dec., 2002; (Speech).

Authors: Kheirollahi M., Razavi M.

11- Susceptibility genes in an Iranian Breast Cancer population: BRAC1, BRCA2, ATM and AR

Conference: The 2nd International Congress of Cancer Genetics. Nov. 30-Dec. 2, 2006; (Speech)

Authors: Mehdipour, P., Mohammadi M., Habibi L., Pirouzpanah S., Kheirollahi, M, Hosseini SS., Atri, M.

PROJECTS:

1- Associations study between genetic variations, rs6721763 of ITGA4 gene with multiple sclerosis severity

Shaygannejad V, **Kheirollahi M**, Khorrami M

2- Study of phenolalanine hydroxylase gene mutations in children with phenylketonuria in Isfahan province

Executive Supervisor: **Dr. Kheirollahi M**

3- Evaluation of coding sequences in three individuals of one family with diagnosis of Ig A Nephropathy by whole exome sequencing

Executive Supervisor: **Dr. Kheirollahi M**

4- Evaluation of the relationship between gene expression and FHIT gene polymorphism of rs760316 locus and serum IL-17 level with response to interferon beta treatment in patients with RRMS

Executive Supervisor: **Dr. Kheirollahi M**

5- PTGIR gene polymorphisms and expression in migraine patients

Executive Supervisor: **Dr. Kheirollahi M**, *Members:* Kheirollahi M, Salehi R, Saadatnia M, Kazemi M, Amini G, Karamzadeh A, *Authority:* Isfahan University of Medical Sciences

6- Study of Molecular function of SiRNA at gene Therapy in Patients Affected with Schizophrenia, Executive Supervisor: **Dr. Noori Daloii, M.R**.

7- Analysis of P53, ATM, PTEN, P14ARF, P16ink4a , Cycline D2 , Rb proteins and detection of ATM-gene-mutation in Brain tumors, Executive Supervisor: **Dr. Mehipour, P**.

EXECUTIVE RESPONSIBILITIES & PROFESSIONAL EXPERIENCES

1- **Editorial Board; Journal of Medical School,** Isfahan University of Medical Sciences.

2- **Scientific Secretary of Genetics of Human Brain Tumors (at EDC)**, **Nov. 10, 2011**, Isfahan University of Medical Sciences.

3- **Co-Executive of the 1*st* international congress of biomedical sciences**, **August 29-31, 2012,** Isfahan University of Medical Sciences.

CONGRESS & WORKSHOPS
(The most important cases)

Dec. 21-25, 2009 **Teaching skills (40 hours),** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

Oct. 11, 2011 **PMDR and Electronic Databases,** Isfahan University of Medical Sciences, Isfahan, Iran

Jan. 12-17, 2001 **Genetic counseling training course,** University of Social Welfare and Rehabilitation, Tehran, Iran

Oct. 6-7, 2011 **Multi-targeted and general unknown screening with identification in LC/MS/MS** NH Leeuwenhorst, Noordwijkhout, Netherlands

Dec. 13-16, 2003 **The 1st International Congress of Cancer Genetics,** Imam-Khomeini Hospital, Tehran, Iran.

Nov. 30-Dec. 30, 2006 **The 2nd International Congress of Cancer Genetics,** Imam-Khomeini Hospital, Tehran, Iran.

Nov.19-14, 2006 **Hybrid Course in Genetic Counseling in Practice, European, School of Genetic Medicine,** Medical Genetics Department, Tehran University of Medical, Sciences, Poursina St., Tehran,Iran

May 5-11, 2007 **Hybrid Course in Medical Genetics, European School of Genetic Medicine,** Medical Genetics Department, Tehran University of Medical, Sciences, Poursina St., Tehran,Iran

May 1-3, 2006 **New Thoughts of Cancer Cell Biology & Genetics Symposium,** Tehran, Iran

June 20-21, 2011 **Seminar of Medical Genetics in Iran,** Imam-Khomeini Hospital, Tehran

July 21, 2011 **Survival analysis,** Isfahan University of Medical Sciences

April 29 - May 1, 2007 **Symposium of Molecular Aspects of Cancer Diseases,** Cancer Institute, Imam-Khomeini Hospital, Tehran, Iran

Nov. 24- 26, 2007 **The 1st International Congress on Health Genomics & Biotechnology and 4th Iranian Congress of Genetic Disorder & Disabilities,** Summit Meeting Conference Hall, Tehran, Iran

May 6-8, 2007 **The 2nd Iranian Congress of Genetic Disorder,** Imam-Khomeini Hospital, Tehran, Iran

Apr. 15-17, 2006 **The 2nd Reviewing Seminar of Genetic diseases,** Imam-Khomeini Hospital, Tehran, Iran

Nov. 27-Dec. 1, 2004 **The 3rd Iranian Congress of Genetic Disorder & Disabilities,** University of Social Welfare and Rehabilitation, Tehran, Iran

Jan. 9-11, 2004 **The 3rd Reviewing Seminar of Genetic Diseases for Genetic Counselors,** Yazd University of Medical Sciences, Yazd, Iran

May 20- 23, 2003 **The 8th Iranian Genetic congress,** Milad Hospital, Tehran, Iran

May 19- 22, 2006 **The 9th Iranian Genetics Congress,** Milad Hospital, Tehran, Iran

Jan. 6-8, 2004 **The Training Course of Genetic Diseases for Genetic Counselors,** University of Social Welfare and Rehabilitation, Tehran, Iran

Nov. 27-29, 2007 **Two Dimensional Electrophoresis and Proteomics,** Pasture Institute of Iran

June 24-27, 2007 **Workshop of Bioinformatics, Theoretical and practical,** Pasture Institute of Iran

Sep.15-17, 2007 **Workshop of Cancer Genetics,** Imam-Khomeini Hospital, Tehran, Iran

4-5 March, 2009 **Workshop of Cell culture,** Anatomy Department, Iran University of Medical Sciences, Tehran, Iran

Dec. 20, 2005 **Workshop of Mental Retardation,** University of Social Welfare and Rehabilitation, Tehran, Iran

Nov. 12-13, 2004 **Workshop of Molecular Genetic Methods,** Genetic & Biotechnology Research Center, Tehran, Iran

Dec. 28, 2005 **Workshop of Ovarian Hereditary Cancer Genetics,** Imam-Khomeini Hospital, Tehran, Iran

July 21- Aug. 18, 2011 **Workshop of Photoshop (4 session),** Isfahan University of Medical Sciences

April 27-28, 2004 **Workshop of prevention of Genetic diseases,** Welfare Organization, Tehran, Iran

Jul. 5, 2007 **Workshop of Reference Management,** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

May 17, 2007 **Workshop of Scientific Writing (Advanced),** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

May 3, 2007 **Workshop of Scientific Writing (Elementary),** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

Sep. 20, 2007 **Workshop of Searching (Advanced),** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

May 3, 2007 **Workshop of Searching (Elementary),** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

Aug. 18, 2007 **Workshop of Searching (Intermediate),** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

Jul. 19 & 26, 2007 **Workshop of SPSS,** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

Jun. 14, 2007 **Workshop of Systematic Searching,** Tehran University of Medical Sciences, Poursina St., Tehran,Iran

COMPUTER COURSES

1. General Courses: Windows: 30 h., Internet: 30 h.
2. Special Courses (Microsoft office): Word: 26 h., Excel: 26 h., Power point: 20 h.,
Access: 26 h.

CLINICAL EXPERIENCES

About 9 years.

COLLABORATION AT OTHER PROJECTS

1. Identification and functional analysis of MGP gene variations associated with coronary artery disease.
2. Production of Stem Cell Specific Marker for Detection of Mesenshymal Stem
Cell.
3. Prevention of Mental Retardation Because of Hyperthyroidism.
4. Prevalence of the Connexin 26 Gene Mutation 35delG in non-syndromic hearing loss in Iran (unpublished)

OTHER

Workshops lecturer of Chaharmahal-Bakhtiari Heath Services (about 100 h.)