

Curriculum Vitae

Personal Data:

Name	Surname	Date of Birth	Nationality	Gender		Marital Status
				Male	Female	
Leila	Mehdizadeh Fanid	-	Iranian		*	Married

Telephone			Fax	Email
Home	Office	Mobile		
	0098 411- 33392148	-		lfanid@yahoo.co.uk l-mehdizadeh@tabrizu.ac.ir

Educational Background: (Last One First)

Degree	Field of Specialization	Name of Institution	City	Country	Date Received
B.Sc	Biological sciences	University of Salford	Manchester	England	2000
M.Sc	Biomedical sciences -cellular pathology	University of Manchester	Manchester	England	2002
PhD	Cognitive Neuroscience-Brain and Cognition	University of Tabriz	Tabriz	Iran	2012

B.Sc. Thesis: Application and utilization of molecular techniques (e.g. nested PCR) for diagnosis of toxoplasmosis in brain tissues of field mouse.

Master Thesis: Quantification of cytokine gene expression by real time RT-PCR in individual and pooled samples of patients with non-atopic and allergic asthma.

PhD Thesis: Evaluation and assessment of theory of mind development, executive functions, recognition of emotional facial expressions and brain function Using SPECT Scan amongst autism spectrum and normal children

Teaching Experiences: (Last One First)

Title of Course	BSc	M.Sc.	PhD	Name of Institution
Fundamentals of Cognitive Neuroscience		*		Department of Cognitive Neuroscience
Motivation and Emotion		*		Department of psychology
Cognitive Neuroscience I			*	Department of Cognitive Neuroscience
Cognitive Neuroscience II			*	Department of Cognitive Neuroscience
Physiological Psychology	*			Department of psychology
Cognitive Neuroscience	*			Department of psychology
Cognitive disorders			*	Department of Cognitive Neuroscience
Cognitive Neuroscience and Higher Mental Processes		*		Department of Cognitive Neuroscience
Special topics in cognitive rehabilitation		*		Department of Cognitive Neuroscience
cognitive rehabilitation I		*		Department of Cognitive Neuroscience

Administrative Positions:

Job Title	Place of Work	Date		Name of Institution
		From	To	
1. Lecture in Biology Department	Biology Department, Faculty of natural science, University of Tabriz	2002		University of Tabriz
2. Head of education office	Faculty of natural science, University of Tabriz	2006	2009	University of Tabriz
3. Assistant professor	Biology Department, Faculty of natural science, University of Tabriz	2013	2018	University of Tabriz
4. Executive Secretary of the Congress of international Biology	University of Tabriz	2015	2015	University of Tabriz
6. Academic member of Autism Centre	Autism Centre, Razi Hospital, Tabriz university of Medical Sciences	2017	Now	Tabriz university of Medical Sciences
7. Assistance professor	Division of Cognitive Neuroscience, Department of Psychology	2019	2023	University of Tabriz
8. Head of Cognitive Neuroscience Division	Division of Cognitive Neuroscience, Department of Psychology	2019	2020	University of Tabriz
9. Consultant of the brain and cognition association of the faculty	Department of Cognitive Neuroscience, Faculty of educational Science and Psychology	2021	now	University of Tabriz
10. Associate Professor	Department of Cognitive Neuroscience, Faculty of educational Science and Psychology	2023	now	University of Tabriz

Academic Rank:

Degree Hold (M.S./Ph.D.)	Rank				Name of Institution	Date	
	Instructor	Assitant Professo	Associate Professor	Professor		From	To
PhD			*		University of Tabriz	2003 to current	

Publications: (Papers)

Title	Date	Journal information
PBMC proliferative responses and cytokine mRNA expression: the effect of co-stimulation by two allergens	2002	American J Allergy clin. Immunology
PBMC mRNA measurement: expression array vs real time PCR vs RPA vs multiplex PCR.	2002	American J Clin. Immunology
Proceroid of Ligula intestinal is from copepods in Satarkhan Dam, East Azerbaijan province, North-West Iran	2006	Iraninan Scientific Fisheries Journal
Newsletter on the study of Caucasian black grouse Tetrao mlokosiewiczzi population dispersion confined in Iran	2006	Grouse News
A Comparative SEM morphological study on the egg shell in some Anostracans (Crustacea, Branchiopoda) from East Azerbaijan province of Iran.	2007	Iraninan Scientific Fisheries Journal (IJFS)
Detection of Leishmania infantum minicircle kinetoplast DNA in bone marrow and peripheral blood samples of paediatric patients from Children's Hospital of Tabriz Medical University.	2008	Biotechnology 7 (2), 175-181, 2008 ISSN 1682-296X
Sequences of Mind Development in Boys with Autism Spectrum Disorder	Dec 4, 2012	ISRN Neurol. 2012; 2012: 637453. Published online. doi: 10.5402/2012/637453
Attentional Performance in Boys with Autism Spectrum Disorder	Winter & Spring 2013	International Journal of Psychology, Vol. 7, No. 1 pp. 27-48
Association between Common Single- nucleotide Polymorphism of Reelin Gene, rs736707 (C/T) with Autism Spectrum Disorder in Iranian-Azeri Patients	Nov 2015	Int J Pediatr, Vol.3, N.6-1, Serial No.23
Protective Effect of Dorema glabrum on Diazinoninduced Oxidative Stress in Rat Kidney	Nov. 2015	International Journal of Biochemistry Research & Review 9(2): 1-8, 2016, Article no.IJBcRR.21998 ISSN: 2231-086X, NLM ID: 101654445

Amelioratory Effect of Dorema glabrum on Diazinon-Induced Oxidative Stress in Rat Liver	January 2016	International Journal of Biochemistry Research & Review 10(2): 1-8, 2016, Article no.IJBCRR.23093 ISSN: 2231-086X, NLM ID: 101654445
The effect of long-term exposure to low frequency electromagnetic field on cholinergic system and nitric oxide level of isolated distal colon of male rats	February 2016	European Journal of Biotechnology and Bioscience, Volume 4, Issue 2, pages 15-18
The Association of DRD2 Gene TaqI Polymorphism with Attention Deficit Hyperactivity Disorder a Population Sample of children – Iranian Azeri	May 2016	Int J Pediatr, Vol.4, N.5, Serial No.29, (Pages: 1803-1807)
An Association Analysis of Reelin Gene (RELN) exon 22 (C/G), rs362691, Polymorphism with Autism Spectrum Disorder in The Iranian-Azeri Population	Jul 2016	Int J Pediatr Vol.4, N.7, Serial No.31, (pages: 2027-2033)
Association of 48 bp Polymorphism of DRD4 Gene with Attention Deficit Hyperactivity Disorder in Children from West of Iran	Summer 1396	مجله دانشگاه علوم پزشکی و خدمات بهداشتی درمانی شهید صدوقی یزد
Verbal Fluency is Related to Theory of Mind: Comparison in Control Children and with Autism Spectrum Disorder	Jan 2017	International Neuropsychiatric Disease Journal
An Association Analysis of Reelin Gene (RELN) Exon 22 (G/C), Rs.362691, Polymorphism with Autism Spectrum Disorder among Iranian-Azeri Population	July 2016	Int J Pediatr Volume 4, Issue 7, Page 2027-2033
Study of Polymorphism of the DRD2 Gene (-141C Ins/Del, rs1799732) with Attention Deficit Hyperactivity Disorder a Population Sample of Children in Iranian-Azeri	July 2016	Int J Pediatr Volume 5, Issue 3, July 2016, Page 4569-4574
Evaluating Sleep Disorders amongst Children with Attention Deficit/ Hyperactivity Disorder (ADHD)	October 2017	Int J Pediatr Volume 5, Issue 10, Page 5907-5917
Study of -141 DRD2 Dopamine Receptor Gene Polymorphism (rs1799732) and Heroin Dependence,	Sep. 2017	Annual Research & Review in Biology, 17/2, 1-5
Single-nucleotide polymorphisms in dopamine receptor D2 gene are associated with heroin dependence in an Iranian Population	April 2018	ADDICTA: Turkish journal on Addiction
Association of two common single nucleotide polymorphisms of Reelin gene, Intron 59 (C/T) and exon 22 (C/G), with autism spectrum disorder in a Population Sample of Children of Iranian-Azeri	Autumn 1397	مجله پژوهش های سلولی و مولکولی
The Survey of DBH Gene Polymorphism Rs5320 in Children with Attention Deficit Hyperactivity Disorder (ADHD)	September 2018	Int J Pediatr, Vol.3, N.6-1, Serial No.23, Page 8177-8184
Determining the learning Principles of Neuro-education Using Exploratory Study and Explaining its Educational Implications	1397/11/23 Feb 2019	مجله راهبردهای آموزش در علوم پزشکی
The Prevalence of Attention Deficit Hyperactivity Disorder in Children Aged 3 to 6 Years and 11 Month Olds of Tabriz, North-West of Iran	Nov, 2018	Australasian Medical Journal (AMJ) 11(11). DOI: 10.21767/AMJ.2018.3530
اثر بخشی یادگیری سازگار با مغز بر جهت گیری انگیزشی و اضطراب امتحان دانش آموزان در درس زیست شناسی	2019	مجله پژوهش های کاربردی روانشناختی
The first evidence of an association between a polymorphism in the endocannabinoid-degrading enzyme FAAH (FAAH rs2295633) with attention deficit	Aug. 2019	Genomics pii: S0888-7543(19)30133-8. doi: 10.1016/j.ygeno.2019.07.024

hyperactivity disorder		
Investigating the Association between Dat1 Rs27072 Polymorphism and Susceptibility to Attention Deficit Hyperactivity Disorder among Children from Northwest of Iran: a Case-Control Study	2019 مهر ۱۳۹۸	URMIA MED J 2019: 30(7): 589 ISSN: 1027-3727
Efficacy of general hyperthermia on expression of TRPV1, TRPV4 channels and oxidative markers in C57/BLJ6 brain.	2020	Cellular and Molecular Neurobiology
Considerations about the implementation of an autism screening program in Iran from the viewpoints of professionals and parents: a qualitative study	2021	BMC Psychiatry
Association between DRD4 rs1800955 polymorphism and Attention Deficit Hyperactivity Disorder susceptibility among children from Northwest of Iran: a case-control study	2021	مجله علمی پژوهشی دانشگاه علوم پزشکی تبریز
Evaluation of the Association of Htr2a Gene Rs6313 Polymorphism with Heroin Dependence in a Sample from Northwest Iran	2021	مجله علمی پژوهشی دانشگاه علوم پزشکی ایلام
Analysis of Association Between the Effects of Methylphenidate and DRD4 Gene Polymorphisms in Patients with Attention Deficit Hyperactivity Disorder	2021	Journal of Comprehensive Pediatrics
Association of Ex3 VNTR polymorphism of the DRD4 gene in Iranian patients with autism spectrum disorder	2022	Iranian Journal of Child Neurology
Polymorphism of dopamine transporter gene 3'-UTR VNTR in Iranian Azeri Turkish patients with ADHD	2022	International journal of pediatrics
Association of rs6323 and uVNTR Polymorphisms of MAOA gene with Attention Deficit Hyperactivity Disorder among Iranian Azeri- children	2022	International journal of pediatrics
A survey between DRD4 genes' EX3 VNTR and polymorphisms to the dose of Methylphenidate relation in children with Attention Deficit Hyperactivity Disorder (ADHD)	2022	مجله علمی پژوهشی دانشگاه علوم پزشکی تبریز
The study of rs324420 (C385A) polymorphism of the FAAH gene of the endocannabinoid system in patients with epilepsy and ADHD	2023	EPILEPSY RESEARCH
Effects of Repeated Trans Cranial Magnetic Stimulation on Cognitive Functions of Policemen With Post-traumatic Stress Disorder	2023	Iranian Journal of Psychiatry and Behavioral Sciences

Papers Presented at National and International Scientific Conferences:

Title	Title and Place of Assembly	Date
The study of the hosts in the life cycle of <i>Ligula intestinalis</i> and separation of proceroid of <i>Ligula intestinalis</i> from copepods in Satarkhan Dam in East.	The 1st international conference of biology	2005
Application and utilization of molecular techniques for diagnosis of <i>Toxoplasma gondii</i> in brain tissues of field mouse.	The 2nd international conference of biology	2006
SEM morphological study on the cyst ornamentations of the Anostracan species from East Azerbaijan province of Iran.	Conference of Aquatics in Azad University of Marand	2007
Attentional capacities of children with autism spectrum disorder.	The 20 th International Association of Child and Adolescent Psychiatry and Allied Professions World Congress	2012

Intelligence in autistic children.	The 20 th International Association of Child and Adolescent Psychiatry and Allied Professions World Congress	2012
Evaluation of Semantic and Phonemic Fluency in Children with Autism Spectrum Disorder and its Relation to verbal intelligence	The 20 th International Association of Child and Adolescent Psychiatry and Allied Professions World Congress	2012
Emotional Facial Recognition in Children with Autism Spectrum Disorder	Xvi World Congress Of Psychiatry "Focusing On Access, Quality And Humane Care" Madrid, Spain	Sep. 2014
Association of DRD2 Gene TaqI Polymorphisms with Attention Deficit Hyperactivity Disorder in a Population Sample of Children in Iranian-Azeri	The 7th international conference of biology	Sep 2016
Association of two common single nucleotide polymorphisms of Reelin gene, Intron 59 (C/T) and exon 22 (C/G), with autism spectrum disorder in a Population Sample of Children of Iranian-Azeri	The 7th international conference of biology	Sep 2016
Evaluation of DRD4 rs1800955 polymorphism and attention deficit hyperactivity disorder susceptibility among children from Northwest of Iran	6 th Basic and Clinical Neuroscience Congress	Dec 2017
Evaluation of Association between 3'UTR- rs27072 polymorphism and Attention-deficit hyperactivity disorder susceptibility among children from Northwest of Iran	6 th Basic and Clinical Neuroscience Congress	Dec 2017
Social screening training in Autism Spectrum disorder	Autism	2018
A technical overview on the neural dysfunction induced by heat stroke on c57 mice model.	ICB 2017 Biomedical congress-Biology-Congress-medicine Congress	2018
بررسی همراهی چند شکلی‌های <i>rs6323</i> ژن <i>MAOA</i> و استعداد ابتلا به اختلال کم‌توجهی و بیش‌فعالی در بین کودکان منطقه‌ی شمال غرب ایران	9 th Child and Adolescent Psychiatry and Allied Professions World Congress	2019
بررسی همراهی چندشکلی‌های <i>5R uVNTR</i> ژن <i>MAOA</i> و استعداد ابتلا به اختلال کم‌توجهی و بیش‌فعالی در بین کودکان منطقه‌ی شمال غرب ایران	9 th Child and Adolescent Psychiatry and Allied Professions World Congress	2019
Comparison of acute and chronic experimental epileptic activity amplitude in male rats	8 th Basic and Clinical Neuroscience	2019
Comparison of Severity of Seizure Activity in Acute and Chronic Induction Model in Male Rats	16th International Epilepsy Congress	2020
Transcranial Direct Current Stimulation of the Brain: Study the situation of this intervention in studies of Iran	The Second Iranian Neuropsychiatry Congress	2020
Evaluation of HTR2A rs6313 polymorphism and heroin dependence susceptibility among population from Northwest of Iran	13th annual international addiction science congress	2020

The comparison of working memory in hearing and deaf children	اولین همایش ملی روانشناسی بالینی کودکان و نوجوان	2021
MAOA rs1137070 polymorphism and Heroin dependence in a population of northwestern of Iran	12th National And 4th International Biotechnology Congress of Islamic Republic of Iran	2021

Supervisor or consultant of thesis:

Title of project	BSc	MSc	PhD	Name of Institution
The study of the <i>Leishmania</i> in East Azerbaijan Province	*			Animal biology department
SEM study of the cyst ornamentation of Fairy shrimps	*			Plant biology department
The effect of antibacterial plants on the growth of bacteria such as <i>E.coli</i> and <i>Staphylococcus</i>	*			Plant biology department
The assessment of the application of HACCP in some food manufacturing factories in Ardabil province.	*			Plant biology department
Application of Electroshock Therapy in Depression and It's Effect on Immune System	*			Animal Biology Department
Utilization of Different DNA Isolation Techniques In Blood and Saliva Samples of Patients with Autism Spectrum Disorder	*			Animal Biology Department
Detection of Common Polymorphisms of DRD4 Gene in Children with ADHD		*		Genetics
Evaluation of Association between DRD4 rs 180095 polymorphism and Attention Deficit Hyperactivity Disorder susceptibility among children from Northwest of Iran		*		Genetics
Comparing Sleep Disorders in Children With ADHD and Normal children		*		Clinical Psychology
Effect of aerobic training on stereotyped behaviors and motor function in children with autism spectrum disorder		*		Sport science- behavioral psychology
Evaluation of Association between DAT1 3'UTR_VNTR and 3'UTR_rs27072 polymorphism and Attention-deficit hyperactivity disorder susceptibility among children from Northwest of Iran		*		Genetics
Study of TRPV1 and TRPV4 gene expression changes in heat stroke mice models		*		Genetics
Studying Common genetics polymorphisms in heroin addicted patients		*		Genetics

Determining the learning Principles of Neuro-education Using Exploratory Study and Explaining its Educational Implications			*	Education & Psychology
Evaluating the expression of BDNF, TGF- β gene in type-2 diabetics and normal population		*		Genetics
بررسی همراهی چند شکلی‌های <i>rs6323</i> ژن <i>MAOA</i> و استعداد ابتلا به اختلال کم‌توجهی و بیش‌فعالی در بین کودکان منطقه‌ی شمال غرب ایران	*			I Biology Department
بررسی همراهی چندشکلی‌های <i>5R uVNTR</i> ژن <i>MAOA</i> و استعداد ابتلا به اختلال کم‌توجهی و بیش‌فعالی در بین کودکان منطقه‌ی شمال غرب ایران	*			Biology Department
Evaluating NFE2L2 Gene Expression in stress oxidative pathway and measuring the biomarkers in seizure PTZ animal model		*		Genetics
The comparison of verbal fluency and working memory in deaf and hearing children		*		Clinical Psychology
ارزیابی مهارت‌های اجتماعی <i>TRAID</i> در کودکان طیف اوتیسم	*			Psychology
تعیین اثربخشی مداخله‌ای آموزش مهارت‌های اجتماعی بر روی کودکان مبتلا به اختلال طیف اوتیسم	*			Psychology
Comparative study of prevalence of BDNF and COMT gene polymorphisms in amphetamine and opioid consumers			*	Psychiatry- Tabriz University of Medical science
Comparison of event-related potential correlations Negative feedback processing in risky decision making in checking obsessive-compulsive disorder and normal		*		Cognitive science
The effect of leisure activities on mental fatigue through the attention task Go / No Go		*		Cognitive science
Evaluation of EEG, LFP characteristics of acute and chronic PTZ-induced seizures in male rats		*		Cognitive science
تأثیر سلسله‌مراتب اجتماعی بر تصمیمات خرید مصرف‌کننده		*		Cognitive science
Evaluation of the effects of repetitive high-frequency transmembrane magnetic stimulation on cognitive functions in people with PTSD			*	Cognitive Neuroscience
Behavioral and electrophysiological study of the effectiveness of direct current transcranial stimulation (tDCS) on the improvement of the attention network in tinnitus sufferers			*	Cognitive Neuroscience
Effectiveness of Brainwave Entrainment by Binaural Beats in Alpha Band on Frontal Cortex Oscillations, Cognitive Functions			*	Cognitive Neuroscience

and Anxiety Level of University Students				
تحلیل سیالی کلامی کودکان مبتلا به اختلالات طیف اوتیسم با استفاده از نظریه‌ی گراف		*		Cognitive science-cognitive psychology
مقایسه‌ی عملکرد حافظه و توجه در زنان در سنین باروری و یائسگی با یادگیری ماشین		*		Cognitive science-cognitive psychology
تأثیر دوزبانگی متقدم بر تصمیم‌گیری اخلاقی		*		Cognitive science-cognitive psychology
عین ارتباط همبستگی جانبی شدن عملکردی شبکه‌ی برون زاد توجه در حالت استراحت و توجه پایدار با عملکرد مهارت دستی		*		Cognitive science-cognitive psychology
قایسه توجه شنیداری، ادراک شنیداری و ادراک زمانی مبتنی بر گفتار در کودکان دارای عملکرد بالای طیف اوتیسم و کودکان دارای رشد بهنجار بر اساس پتانسیل وابسته به رویداد			*	Cognitive Neuroscience
بررسی ارتباط بین سطوح کنترل شناختی و ترجیحات تصمیم‌گیری در شرایط ریسکی و مبهم		*		Cognitive science-cognitive psychology
قایسه حافظه کاری و انعطاف پذیری شناختی در افراد دو زبانه و تک زبانه		*		Cognitive science-cognitive psychology
بررسی اثربخشی تحریک الکتریکی فراجمه‌ای بر الگوی توان مطلق امواج آلفا و تتا و توجه دیداری و شنیداری بیماران مبتلا به اختلال اضطراب فراگیر			*	Cognitive Neuroscience
مطالعه و مقایسه ادراک دیداری در کودکان اختلال یادگیری خواندن		*		Cognitive science-cognitive psychology

Publications: (Books)

Title	Type of Work		Publisher
	Translation	Compilation	
Textbook of Biotechnology (Fundamentals of Molecular Biology)	X		University of Tabriz
Genetic Studies of Behavior		X	Amidi Publication
Assessing Social skills in Autism Spectrum Disorder	X		University Research Publicantion
Neurogenetics	X		Amidi Publication
Pathophysiology and Neuropsychology of Autism spectrum disorder		X	Amidi Publication
Brain Facts	X		University Research Publicantion

Research Projects:

<p>بررسی اثر بخشی تحریک صوتی مغز در باند گاما بر کارکردهای شناختی مبتلایان به آلزایمر مرحله اولیه (طرح ستاد علوم شناختی)</p>
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Research Interests:

Studying Neurobiology and molecular bases of human behavior. Studying the pathology and Neuropsychology of diseases associated with central Nervous system.

Foreign Language(s) Proficiency:

Language(s)	Degree of Proficiency											
	Writing				Reading				Speaking			
	Native	Good	Fair	Poor	Native	Good	Fair	Poor	Native	Good	Fair	Poor
English		*				*				*		
Turkish			*			*				*		