

Curriculum Vitae

- **Personal History**

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Name (first name/surname, last name/forename): Abolfazl Ardjmand

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* Optional items

- **Educational History**

- a. **Education (Academic Preparation)**

Major	Minor	Degree	University	City	Country	Year	
						From	To
Neuroscience	Brain & Cognition	PhD	ICSS & Shahid Beheshti University of Medical Sciences	Tehran	Iran	2005	2011
Physiology	Human Physiology	MSc.	TMU	Tehran	Iran	2001	2003

- b. **Theses**

Title of thesis	Degree	Supervisor(s)
The role of glutamatergic system of central amygdala on inhibitory avoidance learning	PhD	Prof. Zarrindast MR, Prof. Rezayof A,
The effect of eugenol on LTP in the rat hippocampus	MSc.	Prof. Fathollahi Y.

• **Professional History**

a. Teaching history

School/Major	*Level	Role	**Type of lesson (Theory or Practical)	Title of lesson	Number of Students	Clock Hours	Year
Addiction Studies	Postgraduate	Instructor	Theory & lab	Cognitive Sciences			
Addiction Studies	Postgraduate	Instructor	Theory & lab	Addiction Biology			
Addiction Studies	Postgraduate	Instructor	Theory & lab	Neurobiology			
Medicine	Postgraduate	Instructor	Theory & lab	Physiology			
Medicine	Postgraduate	Instructor	Theory	ESP			
Physiology	Postgraduate	Instructor	Theory & lab	Physiology			
Physiology	Postgraduate	Instructor	Theory & lab	Physiology Methodology			
Addiction Studies/ Physiology	Postgraduate	Instructor	Theory & lab	Lab. animals			
Physiology	Postgraduate	Instructor	Theory	ESP			
Paramedicine	Undergraduate	Instructor	Theory & lab	Physiology			
Paramedicine	Undergraduate	Instructor	Theory	ESP			

*Level: Undergraduate, Resident, Postgraduate, Graduate

**Type of lessons: Theory or Practical (Classroom, Laboratory, clinic, Operating Room, Community, etc.)

b. Professional Service

Type of Service	Place	Year
English editor of the Medical Journal(Feyz)	Deputy of Research & Technology	2005-present
Co-editor of Archives of Trauma Research Journal	Deputy of Research & Technology	2005-present

c. Academic Administrative Appointments

Position	Duties	Institution/Location	Supervisor	Year
Med fac				
Physiol cen				
trauma				
Instructor	Instruction	Kashan University of Medical Sciences		2004-present
Clinical Instructor and researcher	Instruction/supervision of Nursing	Qom University of Medical Sciences		1997-2004
Instructor	Physiology, sports medicine and	Qom University of Medical Sciences		2004-2002

	ESP instructor			
Head of the central library		Qom University of Medical Sciences		2000-2002

d. Executive Positions and appointments (Administrative)

Job Title	Duties and Responsibilities	Site of activity	Supervisor	Year	
				From	To
Research Council of Medicine Faculty	Member	Medicine Faculty	-	2005-	present
Research Council of Physiology Research center	Member	Physiology Research center	-	2005-	present
Co-editor of Archives of Trauma Research Journal	Officer	Deputy of Research & Technology	-	2005-	present
Editorial board of Archives of Trauma Research Journal	Member	Deputy of Research & Technology	-	2005-	present
Editorial board of Medical Journal(Feyz)	Member	Deputy of Research & Technology	-	2005-	present
English editor of the Medical Journal(Feyz)	Officer	Deputy of Research & Technology	-	2005-	present
Research director for Faculty of Medicine	Director	Faculty of Medicine	-	2006-	present

• Membership in Professional Associations and societies (Professional Memberships)

Name of Association	Site of association	For	Year
Member of the Iranian Society for Neuroscience	Iran	-	2007
Member of the Iranian Society of Physiology and Pharmacology	Iran	-	2004
Member of the Society for Neuroscience (SFN).	Europe	-	2008

• Committees and councils Membership

Name of Committee or council	Member/Officer	Place	Year	
			From	To
Research Council of Medicine Faculty	Member	Medicine Faculty	2005-	present
Research Council of Physiology Research center	Member	Physiology Research center	2005-	present
Co-editor of Archives of Trauma Research Journal	Officer	Deputy of Research & Technology	2005-	present

Editorial board of Archives of Trauma Research Journal	Member	Deputy of Research & Technology	2005-present
Editorial board of Medical Journal(Feyz)	Member	Deputy of Research & Technology	2005-present
English editor of the Medical Journal(Feyz)	Officer	Deputy of Research & Technology	2005-present

• **Approved Projects and Proposals**

Title of Project/proposal	Role (PI, Co-Investigator, Consultant, etc.)	Hours of activity	Place	Current condition of Project/proposal	Year
The impact of rapamycin on memory in passive avoidance paradigm	P1		KAUMS	In progress	
FK506 effect on learning and memory in rat	P1		KAUMS	Finished	
Effect of endogenously induced opioids by cell phone on memory	P1		KAUMS	In progress	
Effect of Cyclosporine A on mice	P1		KAUMS	In progress	
Time profile of morphine effect in an inhibitory avoidance model	P1		ICSS	Finished	
The interaction between the dopaminergic and cholinergic systems of medial septum and hippocampus	PI		ICSS	Finished	2010-2011
Effect of a walking program on state, trait and general anxiety of women	PI		Sport medicine research center of TUMS	Finished	2005-2006

• **Grants Received**

Source	Grant No.	Title	Budget of Grant (Total Costs)	Role (PI, Co-Investigator, Consultant, etc.)	Period

• **Theses directed, supervised or consulted**

Title of thesis	Degree/Level	Place	Role	Year
Effect of Cyclosporine on inhibitory avoidance learning in mice	MSc.	KAUMS	Supervisor	2016
Evaluating the effect of Rapamycine on inhibitory learning/memory in mice	MSc.	KAUMS	Supervisor	2016
Evaluation the anti-inflammatory & anti-nociceptive effects of venlafaxine in a rat	Ph.D.	IUMS	Co- Supervisor	2015

model of inflammatory ...				
Effect of aqueous extract of mango on the contractility of uterus smooth muscle...	MD.	KAUMS	Co	2014
Effect of aqueous extract of <i>Myrtus communis</i> on some indicators of wound healing...	MD.	KAUMS	Co	2014
FK506 effect on learning and memory in rat	MS.c.	KAUMS	Supervisor Supervisor	2014

- **Editorial**

Journal	Place of Publishing	Duties and Responsibilities	Year	
			From	To
Archives of Trauma Research	Iran	Associate Editor Executive manager	2012- present	
Cognitive Science Studies	Iran	Referee/English Editor	2005-2011	
Basic & Clinical Neuroscience	Iran	Referee	2009- present	
Feyz	Iran	Referee/English Editor	2006- present	

- **Attending in seminars, workshops, etc.**

Title of seminar, workshop, etc.	Duration	Place	Year
PCR & plasmid extraction	2 days	SBUMS	
Teaching physiology	1 day	TMU	
Patch clamp	3 days	FAONS/TMU	
Color vision	1 day	ICSS/TMU	
From micro-to-macro: Modeling the social consequences of cognitive processes	1 week	ICSS/TMU	
Principles & applications of TMS	2 days	ICSS/INCAS	
Artificial neural networks	2 days	ICSS	
Immunohistochemistry	2 days	KAUMS	
Neuroimaging	2 days	ICSS	
Kindling & Epilepsy	2 days	TMU	
Behavioral studies	3 days	IBRO/TMU	

• **Publications:**

a. Books

Author(s)	Editor	Title	Publisher	Site of Publication	Year of Publication
Ardjmand A	Gyton & Hall	Textbook of Medical Physiology	<i>Boshra</i>	Tehran	2016
Ardjmand A	Gyton & Hall	Textbook of Medical Physiology	<i>Boshra</i>	Tehran	2012
Banitaba, Ardjmand	Ardjmand et al.	Reviewing Physiology Tests	<i>Morsal</i>	Kashan	2012
Ardjmand A, Sedaghati P,	McArdle	Exercise physiology	<i>Tehran University of Medical Sciences</i>	Tehran	2011
Ardjmand A	Ward	Instrumentation for clinical practice	<i>Shahrab Publication</i>	Tehran	2002
Ardjmand A	Harrison	Harrison principals of internal medicine: blood, neoplastic, rheumatic and immunologic disorders	<i>Taymoor Zadeh</i>	Tehran	1995
Ardjmand A	Harrison	Harrison principals of internal medicine: Respiratory, GI & biliary disorders	<i>Taymoor Zadeh</i>	Tehran	1995
Ardjmand A		Harrison principals of internal medicine: Endocrine disorders	<i>Taymoor Zadeh</i>	Tehran	1995
Ardjmand A	Brunner and Suddarth	Medical surgical nursing	<i>Fazel University Publication</i>	Qom	1997
Ardjmand A		Acupuncture for general ailments	<i>Fazel University Publication</i>	Qom	1997
Ardjmand A		General English for college students	<i>Payam-e Noor university Publication</i>	Qom	1997
Ardjmand A		A patient care guide for AIDS	<i>Fazel University Publication</i>	Qom	1997
Ardjmand A		Dyspeania	<i>Fazel University Publication</i>	Qom	1997
Ardjmand A		Practical physiology (IUPS)	<i>Fazel University Publication</i>	Qom	1997
Ardjmand A		English for students of education	<i>Payam-e Noor university Publication</i>	Qom	1997

		management			
Ardjmand A		English for students of curriculum programming	<i>Payam-e Noor university Publication</i>	Qom	1997
Ardjmand A		English for students of pharmaceutical technicians	<i>Qom Medical University Publication</i>	Qom	1997
Ardjmand A		Practical courses of pharmacology for emergency purposes	<i>Qom Medical University Publication</i>	Qom	1997

b. Articles

Author(s)	Title	Journal name	Vol. No.	Issue No.	Page No.	Year
Banafshe HR , Mohsenpour M, Ardjmand A	Novel and bizarre effects following intracerebroventricular injection of immunosuppressant cyclosporine A on inhibitory avoidance learning and memory in mice	<i>IJBMS</i>	-	-	-	Submitted
Ahmad Sh, Alavi S, Ardjmand A	Exposure to GSM 900-MHz mobile radiation impaired inhibitory avoidance memory consolidation in rat: possible involvements of opioidergic and nitrenergic systems	<i>Metabolic Brain Disease</i>	-	-	-	Submitted
Mohammad N, Taghipour karsabet M, Amani J, Ardjmand A , Razavi Zadeh M, safari M Ghasemi A	"In Silico Design of a Chimeric Protein Containing Antigenic Fragments of Helicobacter Pylori; a Bioinformatic Approach	<i>The Open Microbiology Journal</i>	-	10	97-112	2016
Bahrami, A Jafari, A.J. Asilian, H. Taghizadeh, M. Arjmand A , Akbari, H A.	Biomarkers of occupational manganese toxicity	<i>Biosciences Biotechnology Research Asia</i>	12	3	2147-2156	2015
Bahrami A, Jafari A.J, Asilian H, Taghizadeh M, Arjmand A , Akbari, H A.	Effects of the Alcoholic Extract of White Mulberry ...	<i>Biomedical Pharmacol Journal</i>	8	(October Spl Edition)	715-719	2015
Hadjiasgary AM,, Banafshe HR , Ardjmand A.*	Intra-CA1 administration of FK-506	<i>Iranian Journal of</i>	18		130-137	2015

	(Tacrolimus) in rat impairs ...	<i>Basic Medical Sciences</i>		2		
Parisa Sedaghati, Mohammad-Hossein Alizadeh, Elham Shirzad, Abolfazl Ardjmand*	Review of Sport-Induced Groin Injuries	<i>Trauma Monthly</i>	18	3	107-112	2013
Zarrindast MR Ardjmand A Rezayof A Ahmad Sh	The Time Profile of Morphine Effect on Different Phases of Inhibitory Avoidance Memory in Rat	<i>Archives of Iranian Medicine</i>	16	1	34-37	2013
Ghannaee Arani M., Fakharian E. Ardjmand, A. Mohamadian, H. Mohammadzadeh M., Sarbandi F.	Avicenna's contributions in the treatment of traumatic injuries	<i>Trauma Monthly</i>	72	2	In press	2012
Zarrindast MR Ardjmand A Ahmad Sh Rezayof A	Activation of dopamine D1 receptors in the medial septum improves scopolamine-induced amnesia in the dorsal hippocampus	<i>Behavioural Brain Research</i>	229		68– 73	2012
Ardjmand A, Rezayof A, Zarrindast MR.	Involvement of central amygdala NMDA receptor mechanism in morphine state-dependent memory retrieval	<i>Neuroscience Research</i>	69		25–31	2011
Sedaghati P, Ziaee V., A. Ardjmand A	The effect of an ergometric training program on pregnant weight gain and low back pain	<i>Gazzetta Medeca Italiana</i>	166		209-13	2007
Ardjmand A, Fathollahi Y, Sayyah M, Kamalinejad M, Omrani A.	Eugenol depresses synaptic transmission but does not prevent the induction of long term potentiation in the CA1 region of rat hippocampal slices	<i>Phytomedicine</i>	13	3	146-151	2006
Sedaghati P, Ardjmand A. Sedaghati N.	Does regular ergometric training have any effect on the pregnancy outcome? (in Persian)	<i>Iranian Journal of Pediatrics</i>	16	3	323-328	2006
Sedaghati P, Agha-alinejad Ardjmand A.	Effect of an aerobic training on the pregnancy outcome (in Persian)	<i>Iranian Olympic Committee Journal</i>	14	2	63-72	2006
Sedaghati P, Khalaji H, & Kozechian H. Ardjmand A.	Effects of exercise on general, trait and state anxiety of pregnant in the second and third trimester of pregnancy (in Persian)	<i>Harakat</i>		3	115-127	2005
Sedaghati P, Agha-alinejad Ardjmand A.	Effect of regular training on the decrement of low back pain and pregnancy	<i>Iranian Olympic Committee</i>	13	4	51-60	2005

	weight change (in Persian)	<i>Journal</i>				
Sedaghati P, Khalaji H, & Kozechian H. Ardjmand A.	Does regular walking have any effect on the general, state and trait anxiety of the pregnant? [?] (in Persian)	<i>Iranian Olympic Committee Journal</i>	16	2	19-28	2006
Sedaghati P, Agha-alinejad Ardjmand A.	Effect of walking on decrease of low back pain in the second and third trimester of pregnancy (in Persian)	<i>Harakat</i>	31		115-124	2006

c. Papers Presented

Author(s)	Title of Article	Congress	Place	Type of Presentation (Oral or Poster)	Year
Abolfazl Ardjmand, Hamid Reza Banafshe, Mohsen Mohsenpour	Impairing effect of the immuno-suppressant cyclosporine ...	4th International Congress of Basic & Clinical Neuroscience	Tehran	Poster	2015
Abolfazl Ardjmand, Hamid Reza Banafshe, Mohsen Mohsenpour	Memantine reverses the amnesia induced by the post-training icv ...	4th International Congress of Basic & Clinical Neuroscience	Tehran	Poster	2015
Samaneh sadat Alavi, Abolfazl Ardjmand	The Role of opioid receptors in avoidance memory corruption by mobile waves in rats	4th International Congress of Basic & Clinical Neuroscience	Tehran	Oral	2015
Abolfazl Ardjmand, Samaneh sadat Alavi	Improvement of	1 st International Congress of Physiology & Pharmacology	Kashan	Poster	2015
Bahrami, A Jafari, A.J. Asilian, H. Taghizadeh, M. Arjmand, Akbari, H A.	Effects of the Alcoholic Extract of White Mulberry ...	1st International Congress of Physiology & Pharmacology	Kashan	Poster	2015
Hajiasgari, Ardjmand	Takrimolus effect on learning	2 nd International Congress of Basic & Clinical Neuroscience	Tehran	Poster	2013
Ardjmand,	Effect of pomegranate	21 st Congress of Physiology &			

Nouraddini	extract on isolated rat uterine	Pharmacology	Tabriz	Poster	2013
Nouraddini, Ardjmand	Medicinal plants in diabetes	21 st Congree of Physiology & Pharmacology	Tabriz	Poster	2013

d. Media and Software

Title of Media or Software	Usage	Designer(s)/ Programmer(s)	Year
ICDL	General purpose	user	
Endnote/Refrence manager	Electronic library	user	
SPSS/STATA/STATISTICA/SAS	Statistical analysis	user	
SigmaPlot/Prism	Graphical packages	user	

- **Others**

Teaching experience in English courses (etymology, medical terminology and ESP)
 Experience and practice in active learning, problem-based learning (PBL) and sports medicine
 Experience and practice in Medical librarianship and IT, digital library, E-print
 Experience in advanced medical and scientific photography, microfilm systems
 Experience in Persian and English Technical Editing

- **Professional Interests**

Main field: synaptic plasticity, learning and memory
Subsidiary fields: sports medicine, sport physiology,