

## Curriculum Vitae

Date: 4 Jan, 2009

### Personal History

Name (first name/surname,last name/forename): Shaharm Teimourian

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\*=Optional items

### Educational History

a.Education (Academic Preparation)

Major	Minor	Degree	University	City	Country	Year	
						From	To
Cell and Molecular Biology		Bs	Tehran University	Tehran	Iran	1990-1994	
Biophysics and Molecular Biology		Ms	Tehran University	Tehran	Iran	1994-1997	
Biophysics and Molecular Biology		Ph.D.	Tehran University	Tehran	Iran	1998-2005	

b.Thesis

Title of thesis	Degree	Supervisor(s)
Molecular mechanism of hyperthermia effect on GM-CSF production in murin lung	Ms	Dr.Bahram Goliaei
Down regulation of Hsp27 radiosensitizes human prostate cancer cells	Ph.D.	Dr.Bahram Goliaei

**Professional history**

## a. Teaching history

School	*Level	Role	**Type of lesson (Theory or Practical)	Title of lesson	Number of Students	Clock Hours	year
Tehran University Science faculty	Bs	Assistant	Theory	Methods in Molecular Biology	60	2	1996
Tehran University Science faculty	Bs	Director	Theory	Methods in Molecular Biology	60	2	1997
Tehran University Science faculty	Bs	Director	Theory	Biophysics	60	2	1997
Khatam University Science faculty	Ms	Director	Theory	Mechanism of gene regulation	60	2	2001
Khatam University Science faculty	Ms	Director	Theory	Mechanism of gene regulation	60	2	2007
Tehran University IBB	Ph.D	Assistant	Theory	Radiation Biophysics	60	2	1996
Tehran University of Medical Sciences IAARI	Ms	Director	Theory	Advanced Cell Biology	6	2	2005
Tehran University of Medical Sciences IAARI	Ms	Director	Theory	Methods in Biophysics and Biochemistry	6	2	2005

\*Level: Undergraduated, Resident, Postgraduated, Graduate

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

b. Professional Service

Type of Service	Place	Year
Reverse hybridization	Rehabilitation University	1999
Linkage (Microsatelite analysis)	Rehabilitation University	2000
Linkage (RFLP analysis)	Rehabilitation University	2000
Southern blotting	Rehabilitation University	2000
Atomic absorption spectroscopy	Tehran University of Medical Sciences IAARI	2002
Flow cytometry	Tehran University of Medical Sciences IAARI	2003
Mutation analysis(SSCP,Sequencing)	Tehran University of Medical Sciences IAARI	2004
Protein expression(western blotting)	Tehran University of Medical Sciences IAARI	2005

c.Academic Administrative Appointments

Position	Duties	Institution/Location	Supervisor	Year
Lab supervisor	Running a molecular lab	Rehabilitation University	Dr.Hossein Najmabady	1999-2002
Head group	Running a molecular lab	Tehran University of Medical Sciences IAARI	Dr.Mostafa Moin	2003-2007
Research associate	Human Recombinant FSH production project	Pasteur Institute of Iran	Dr.M.H.Modarresi	2007-now

d.Executive Position and appointments (Administrative)

<b>Position</b>	<b>Duties</b>	<b>Institution/Location</b>	<b>Supervisor</b>	<b>Year</b>
<b>Representative of IAARI in cancer network</b>	<b>Participation in meetings and strategic planning</b>	<b>IAARI</b>	<b>Dr.Mostafa Moin</b>	<b>2005-now</b>
<b>Representative of IAARI in national center for genetic engineering</b>	<b>Running Ms courses</b>	<b>IAARI</b>	<b>Dr.Mostafa Moin</b>	<b>2005-now</b>

**Honors and Awards**

<b>Award</b>	<b>Place</b>	<b>Awarding body</b>	<b>Year</b>
<b>ESHG</b>	<b>Austria</b>	<b>Travel grant (fully stipend)</b>	<b>2000</b>
<b>British council and Oxford medical University</b>	<b>UK</b>	<b>One year post doc fellow</b>	<b>2005-2006</b>
<b>EAACI</b>	<b>Austria</b>	<b>Registration fee</b>	<b>2006</b>

**Membership in Professional Associations and Societies (Professional Memberships)**

<b>Name of Association</b>	<b>Site of Association</b>	<b>For</b>	<b>Year</b>
<b>ESHG</b>	<b>UK</b>		<b>2003</b>
<b>EAACI</b>		<b>Junior membership</b>	<b>2004-2005</b>
<b>American society of Hematology</b>	<b>US</b>	<b>member</b>	<b>2008</b>

**Committees and Councils Membership**

Name of Committee or Council	Member/Officer	Place	Year	
			From	To
Cancer Network	Member	Iran	2005-now	

**Approved Projects and Proposals**

Title of Project/Proposal	Role (PI,Co- Investigator, Consultant,etc.)	Hours of activity	Place	Current condition of Project/Proposal	Year
HCV infection in primary immunodeficiency patients	Co- Investigator,	100	IAARI	Done	2004
CYBB mutation analysis in Iranian patients with X-CGD	PI	400	IAARI	Done	2005
Clinical, Immunological and Molecular Characteristics of 37 Iranian Patients with X-Linked Agammaglobulinemia	Co- Investigator,	200	IAARI	Done	2006
Analysis of NADPH Oxidize activity and expression by Western blot, ferri cytochrom c and DHR123 in CGD patients	PI	600	IAARI	Done	2007
Microarray differential gene expression analysis in CVID patients	PI		IAARI and Eurogen tec	Undertaken	2007
Analysis of Btk Expression in XLA patients	PI	500	IAARI	Done	2007
Btk promoter polymorphism analysis in XLA patients	PI	500	IAARI	Done	2007
<b>Title of Project/Proposal</b>	<b>Role (PI,Co-</b>	<b>Hours of</b>		<b>Current condition</b>	

	Investigator, Consultant,etc.)	activity	Place	of Project/Proposal	Year
CYBA,NCF1 and NCF2 mutation analysis in Iranian patients with X- CGD	PI		IAARI	Done	2007
Immortalization of B cells in CGD patients	PI		IAARI	Undertaken	2007

#### Grants Received

Source	Grant No.	Title	Budget of Grant (Total Costs)	Role (PI,Co- Investigator, Consultant,etc.)	Period
Tehran University		CYBB mutation analysis in Iranian patients with X- CGD	8.500.000 tomans	PI	3 years
Tehran University		Analysis of NADPH Oxidize activity and expression by Western blot, ferri cytochrom c and DHR123 in CGD patients	5.400.000 tomans	PI	2 years
Tehran University		Btk promoter polymorphism analysis in XLA patients	2.500.000 tomans	PI	1 years
Pasteur institute of Iran		Recombinant Human FSH production	25.000.000 tomans	PI	1 year

**Thesis directed, supervised or consulted**

<b>Title of Thesis</b>	<b>Degree/Level</b>	<b>Place</b>	<b>Role</b>	<b>Year</b>
<b>Protein profiling of helicobacter pylori for patients with different gastrointestinal disease manifestation</b>	<b>Bs</b>	<b>Tehran University Science faculty</b>	<b>Supervisor</b>	<b>2001</b>
<b>Mutation analysis of CYBB in Iranian CGD patints</b>	<b>Ms</b>	<b>Khatam University</b>	<b>Supervisor</b>	<b>2004</b>
<b>NBT Quantitative</b>	<b>Bs</b>	<b>Tehran University of Medical Sciences IAARI</b>	<b>consultant</b>	<b>2004</b>
<b>Molecular diagnosis of X-linked CGD</b>	<b>Ms</b>	<b>Tehran University of Medical Sciences IAARI</b>	<b>Supervisor</b>	<b>2006</b>
<b>Molecular diagnosis of Autosomal CGD</b>	<b>Ms</b>	<b>Tehran University of Medical Sciences IAARI</b>	<b>Supervisor</b>	<b>2006</b>
<b>Designing a Medical Fuzzy Image Processing Decision Support System For Diagnosing Pulmonary Pneumonia</b>	<b>Ms</b>	<b>Polytechnique University</b>	<b>consultant</b>	<b>2006</b>
<b>Analysis of polymorphism in Ataxia patients</b>	<b>Ms</b>	<b>National center for genetic engineering</b>	<b>consultant</b>	<b>2006</b>
<b>Designing a Medical expert system for diagnosis of Asthmatic patients</b>	<b>Ms</b>	<b>Tarbiat Modaress</b>	<b>consultant</b>	<b>2006</b>

**Lectures**

<b>Title of Lecture</b>	<b>Seminar</b>	<b>Place</b>	<b>Year</b>
Cas SH3 signal transduction	Seminar for Oxford university	Oxford university	2004
Molecular Markers in cancer	Seminar for cancer network(invited speaker)	Pasture Institute	2006

**Editorial**

<b>Journal</b>	<b>Place of Publishing</b>	<b>Duties and Responsibilities</b>	<b>Year</b>	
			<b>From</b>	<b>To</b>

**Courses (educational, training, research and management)**

<b>course</b>	<b>Level</b>	<b>Place</b>	<b>Year</b>
How to run a research	advanced	Tehran University	2002

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

<b>Title of seminar,workshop,etc.</b>	<b>Duration</b>	<b>Place</b>	<b>Year</b>
10 K affymatrix SNP linkage analysis	2 days	Mercury Park london	2004
Two dimensional chromatography	3days	Kin's Collage Oxford	2004

**Publications:**

a.Books

<b>Author(s)</b>	<b>Editor</b>	<b>Title</b>	<b>Publisher</b>	<b>Site of Publication</b>	<b>Year of Publication</b>



b.Articles

Author(s)	Title	Journal name	Vol. No.	Issue No.	Page No.	Year
Najmabadi H, Karimi-Nejad R, Sahebjam S, Pourfarzad F, Teimourian S, Sahebjam F, Amirizadeh N, Karimi-Nejad MH.	The $\alpha$ -thalassemia mutation spectrum in the Iranian population	Hemoglobin	Aug 25	3	286-96	2001
Hossein Najmabadi P, Shahram Teimourian , Talayeh Khatibi , Maryam Neishabury , Farzin Pourfarzad , Sayeh Jalil-Nejad , Maryam Azad , Christian Oberkanins , Walter Krugluger	2-Amplification Refractory Mutation System(ARMS)and Reverse Hybridization in the detection of $\alpha$ -thalassemia mutations	Arch Iran Med	(4)16	4	5-170	2001
Safaralizadeh R, Kardar GA, Pourpak Z, Moin M, Zare A, Teimourian S.	Serum concentration of selenium in healthy individuals living in Tehran	Nutr J	Nov 14	4	32	2005
Yousef Shafeghati; Shahram Teymourian; Gholamreza Babamohammadi; Fariba Afrouzan; Navid Almadani; Roxana Karimi-Nejad; and Hosein Najmabadi,	Molecular Diagnosis in Iranian patients with spinal muscular atrophy.	Arch Iranian Med	7	1	47 – 52	2004
Author(s)	Title	Journal name	Vol. No.	Issue No.	Page No.	Year
Teimourian S, Jalal R, Sohrabpour M, Goliaei B.	Down regulation of Hsp27 radiosensitizes human prostate cancer cells	International Journal of Urology	Sep13	9	1221-5	2006

Rezvani Z, Mohammadzadeh I, Pourpak Z, Moin M, Teimourian S.	CYBB Gene Mutation Detection in an Iranian Patient with Chronic Granulomatous Disease. (Jun;)	Iran J Allergy Asthma Immunol.	4	2	103-6	2005
Aghamohammadi A, Fiorini M, Moin M, Parvaneh N, Teimourian S, Yeganeh M, Goffi F, Kanegane H, Amirzargar AA, Pourpak Z, Rezaei N, Salavati A, Pouladi N, Abdollahzade S, Notarangelo LD, Miyawaki T, Plebani A.	-Clinical, Immunological and Molecular Characteristics of 37 Iranian Patients with X-Linked Agammaglobulinemia.	Int Arch Allergy Immunol.	141	4	408-414	2006
Kouhkan A, Pourpak Z, Moin M, Dorosty AR, Safaralizadeh R, Teimourian S, Farhoudi A, Aghamohammadi A, Mesdaghi M, Kazemnejad A.	A Study of Malnutrition in Iranian Patients with Primary Antibody Deficiency.	Iran J Allergy Asthma Immunol	Dec;3	4	189-196	2004
Parvaneh N, Teimourian S, Jacomelli G, Badalzadeh M, Bertelli M, Zakharova E, Tabatabaei P, Parvaneh L, Pourakbari B, Yeganeh M, Tamizifar B, Mamishi S, Micheli V.	Novel mutations of NP in two patients with purine nucleoside phosphorylase deficiency.	Clin Biochem	Nov;21		350-2	2007
Safaralizadeh R, Sirjani M, Pourpak Z, Kardar G, Teimourian S, Shams S, Namdar Z, Kazemnejad A, Moin M.	Serum selenium concentration in healthy children living in Tehran.	Biofactors.	31(2)	1	27-31.	2007
Teimourian S, Nasser S, Pouladi N, Yeganeh M, Aghamohammadi A.	Genotype- phenotype correlation in Bruton's tyrosine kinase deficiency	J Pediatr Hematol Oncol	Sep;30 (9)		679-83	2008
Shahm Mahmoodi S, Parvaneh N, Burns C, Asghar H, Mamishi S,	Isolation of a type 3 vaccine-derived poliovirus	Virus Res	Oct;13 7(1)		168-72	2008

Tabatabaie H, Chen Q, Teimourian S, Gooya MM, Esteghamati AR, Mousavi T, Yousefi M, Farrokhi K, Mashloul M, Kew O, Nategh R.	(VDPV) from an Iranian child with X-linked agammaglobulinemia					
Teimourian S, Zomorodian E, Badalzadeh M, Pouya A, Kannengiesser C, Mansouri D, Cheraghi T, Parvaneh N.	Characterization of six novel mutations in CYBA: the gene causing autosomal recessive chronic granulomatous disease	Br J Haematol	Jun;14 1(6)		848-51	2008
Teimourian S, Rezvani Z, Badalzadeh M, Kannengiesser C, Mansouri D, Movahedi M, Zomorodian E, Parvaneh N, Mamishi S, Pourpak Z, Moin M.	Molecular diagnosis of X-linked chronic granulomatous disease in Iran	Int J Hematol	May;8 7(4)		398-404	2008
Mamishi S, Shahmahmoudi S, Tabatabaie H, Teimourian S, Pourakbari B, Gheisari Y, Yeganeh M, Salavati A, Esteghamati AR, Gooya MM, Nategh R, Parvaneh N.	Novel BTK mutation presenting with vaccine-associated paralytic poliomyelitis	Eur J Pediatr.	Nov;16 7(11)		1335-8	2008
Accepted for publication: Teimourian S	Molecular approaches to the diagnosis of X-Linked Chronic Granulomatous Disease	The Asia-Pacific Journal of Oncology & Hematology.				2009

c.Papers Presented

Author(s)	Title of Article	Congress	Place	Type of Presentation(Oral or Poster)	Year
Teimourian S	Prenatal Diagnosis of Spinal Muscular Atrophy in Iran .	Human genetics	Cairo (Egypt)	Poster	1999
Teimourian S	The effect of hyperthermia on the gene expression of GM-CSF	Molecular Biology	Vancouver(Canada)	poster	1998
Teimourian S	Apolipoprotein E allele distribution in an Iranian population.	Human Genetics	firenze Italy	poster	1999
Teimourian S	Prenatal diagnosis of $\alpha$ -thalassemia in Iranian population.	American Society Of Human Genetics	USA	poster	1999
Teimourian S	Prenatal diagnosis of Duchenne and Becker Muscular Dystrophies in Iranian population.	Human genetics	Cairo (Egypt)	Poster	1999
Teimourian S	CGG Repeat analysis of FMR1 Gene in mental retarded individuals with clinical symptoms of the Fragile X Syndrome in Iran.	ICHG	Vienna Austria)	Poster	2001
Teimourian S	Molecular diagnosis of Spinal Muscular Atrophy in Iran.	ICHG	Vienna Austria)	Poster	2001
Teimourian S	Haplotype Analysis of the most common $\alpha$ -thalassemia mutation, intervening sequence $\alpha$ -1 (IVS $\alpha$ -1)in Iran.	ICHG	Vienna Austria)	Poster	2001
Teimourian S	Prenatal diagnosis of $\alpha$ -thalassemia in Iranian population Results of ten	ICHG	Vienna Austria)	Poster	2001

	years study.				
Teimourian S	The Recognition Of Protein Interior Via Isoentropic and Isoenthalpic Points.	International Congress of Structural and Functional Genomics	Berlin Germany	Poster	2002
Teimourian S	Molecular diagnosis of X- CGD in Iran.	ICHG	prague	Poster	2005
Teimourian S	Down regulation of Hsp27 radiosensitizes human prostate cancer cells	ICHG	Brisbane, Australia	Poster	2006

d. Media and Software

Title of Media or Software	Usage	Designer(s)/Programmer(s)	Year
Designing a Medical Fuzzy Image Processing Decision Support System	Diagnosing of Pulmonary Pneumonia	Mrs.Norozi	2006
Designing a Medical expert system	Diagnosis of Asthmatic patients	Mrs.Zolnouri	2007

Ñ Others

Under review papers:

1-phynotype genotype correlation in Bruton kinase deficiency (journal of pediatrics hematology oncology)

Ñ Professional Interests: Linkage analysis and novel strategies for finding new genes

Ñ Familiar with extraction methods (DNA, RNA), Blotting (Western, Northern, Southern), Protein purification, Chromatography, PCR, Multiplex PCR, Sequence analysis, Immunoprecipitation, Flouorography, SDS-PAGE, Cell Culture, Reverse Hybridization, In vitro translation, In vitro transcription, DNA labeling RFLP, Cloning, Atomic absorption spectroscopy, ITC, FPLC, transfection, SSCP, FACS flow cytometry,...

Ñ Three years teaching experience in biophysical chemistry, Methods in molecular biology, Advanced cell and molecular biology at Tehran University. For Bs.c and Msc students.