

Name:

Atefeh Valaei ,

Date of birth:

14.7.1975

Address:

69 Pasteur Ave
Department of Molecular Medicine , PND
Pasteur Institute of Iran , Tehran , Iran.

Phone:

(021) 22821199 (H)
(021) 66969293 (O)

e-mail:

Atefeh_v@yahoo.com

Education:

MSc from Department of Biology , University of Az-zahra in 2003 with “GPA” of “ A”
or 18 out of 20

The title of my thesis was “ Detection of relative stability time of Pizza Cheese in
refrigerator & freezer conditions through evaluation of food poisoning bacteria “

BSc from Faculty of Science , University of Islamic Azad Tehran branch in 1999 with
GPA of 16.11 out of 20

Working and Research experiences:**Working :**

2004 – Present : Lab expert of PND unit (Pre- Natal Diagnosis) , Pasteur Institute ,
Tehran

2003 – 2004 : Member of MRG (Malaria Research Group) , Pasteur Institute , Tehran

Research:

2004 – Present : β – Thalassemia and Duchenne Carriers of referred to Pasteur Institute –
PND unit.

2003 – 2004 : Isolate of resistant genes to insecticide from Anopheles Species.

2002 – 2003 : Effect of Freezer & Refrigerator temperature on different bacteria

(*E.coli* , *Coliforms* , *Staphylococcus* , *Closteridium Perfringenes*) exist in Pizza Cheese

2002 – 2003 : Isolate of resistant Antibiotic *Enterococcus* of Pizza Cheese.

2002 – 2003 : Effect of stabilizer on Pizza Cheese bacteria.

Publications:

To be published.

Computer Skills:

Work with windows & internet & Power point & Nero

Work with Chromas & Gene runner Program for Design of Primer.

Work with Excel Program for Design of Tables and Diagram

Work with Photo graph partly.

Statistical analysis of genotyping information from computerized patient and

public human genome databases as the SNP database, BLAST and OMIM

Designing primers and genotyping assays for restriction fragment length polymorphism (PCR/RFLP) analysis of human genome

Technical Skills:

I have considerable experience working by PCR & Multiplex PCR & RFLP & Gel electrophoresis Methods.

I understand Purification of gene by QIA gene Kit.

Extraction of DNA from eukaryote (Insects).

Extraction of DNA from blood by Salting out & boiling Method.

Extraction of DNA from fetus by magnet kit & boiling Method

Analysis of Sequence & Blast of genome

RT – PCR Method.

MLPA Method

Real Time Method.

Cloning of gene and expression gene.

SDS Page Method.

Design of Primer.

Ability of work with Centrifuge , Microscope , PH meter.

Microbiology Methods.

Gram Staining.

Diagnosis of Micro-organisms.

Antibiogram method.

Make of Culture Media.

Streaking culture.

Languages:

Fluent in Persian.

English Language : Fluent in this language mostly. I Can reading, writing and translate scientific papers.

Arabic Language : as part of junior – high school and part of under graduate study program (1999). I Can read and understand partly.

Abstract & Presentations:



A. Valaei , J. Fooladi , S. Mehrabian (**2003**)

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“

[Page] , University of Edinburgh , England , Society for General Microbiology (SGM) , 152 Meeting , 7-11 April , Poster Presentation

.



A. Valaei , J. Fooladi , S. Mehrabian (**2003**)

“ The evaluation of microbial Populations of Pizza Cheese in Refrigerator & Freezer Conditions “

[Page] , Ljubljana , Slovenia , 1st FEMS Congress of European Microbiologist , June 29th to July 3th , Poster Presentation

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A. Valaei , J. Fooladi , S. Mehrabian (**2003**)

“

“

[Page : 34] , Noosa Lakes Convention Centre , Australia , 11th Australian Food Microbiology Conference (The Australian Institute of Food Science & Technology incorporated) , 26 – 28 March , Poster Presentation.



A. Valaei , M. Farmahini Farahani , H. Mahdiani (**2006**)

“ Frequency of Different β – globin mutations in individuals referred to PND unit at Pasteur Institute of Iran “


[Page] , Dubai , United Arab Emirates , 10th International Conference on Thalassemia & Haemoglobinopathies & 12th International TIF Conference for Thalassemia patients & parents , 7 – 10 January , Poster Presentation.





H. Mahdiani , **A. Valaei** , M. Farmahini Farahani (**2006**)


“ Distribution of different β – globin gene mutations in Carriers referred to PND unit at Pasteur Institute of Iran “


[Page] , Dubai , United Arab Emirates , 10th International Conference on Thalassemia & Haemoglobinopathies & 12th International TIF Conference for Thalassemia patients & parents , 7 – 10 January , Poster Presentation.


 M. Farmahini Farahani , H. Mahdiani , **A. Valaei** , (**2006**)
“ Comparative analysis of mutations among related & unrelated couples who had been referred to PND unite at Pasteur Institute of Iran “
[Page: 179] , Dubai , United Arab Emirates , 10th International Conference on Thalassemia & Haemoglobinopathies & 12th International TIF Conference for Thalassemia patients & parents , 7 – 10 January , Poster Presentation.


 **A. Valaei** , S. Mehrabian , J. Fooladi (**2002**)
“ Investigate of optimize store Conditions of Pizza Cheese at cold “
[Page : 26] , Amirkabir Industrial University , Tehran , Iran , 13th National Iranian Congress of food industry , 15 – 17 October , Poster Presentation.

 **A. Valaei** , J. Fooladi , S. Mehrabian (**2003**)
“ The evaluation of microbial populations of Pizza Cheese in Cold Conditions “
[Page] , Chamran University , Ahvaz , Iran , 1st Congress of whole Molecular – Cell Biology , 29 February to 1 March , Poster Presentation.

 **A. Valaei** , J. Fooladi , S. Mehrabian (**2002**)
Islamic Azad University , Zanzan , Iran , 1st International Congress of Biology & Microbiology of country students , 20 – 22 September , Poster Presentation.

 **A. Valaei** , J. Fooladi , S. Mehrabian (**2003**)
“ Detect of Stability time of Pizza Cheese in Refrigerator & Freezer “
[Page : 231] , Health Service & Medical Science University , Ahvaz , Iran , 5th Iranian Congress of Microbiology , 23 – 25 January , Poster Presentation.

 **A. Valaei** , J. Fooladi , S. Mehrabian (**2003**)
“
[Page] , Ferdowsi University , Mashhad , Iran , 3th National Congress of Biotechnology Islamic Republic of Iran , 10 – 12 September , Poster Presentation.

 H. Mahdiani , **A. Valaei** , M. Farmahini Farahani (**2005**)
“Analysis of Frequency percent of Different Mutations in individuals referred to PND unit at Pasteur Institute of Iran “

[Page : 314] , Kerman , Iran , 4th National Congress of Biotechnology Islamic Republic of Iran , 15 – 17 August , Poster Presentation.

✚ Mahdiani H., **Valaei A.**, Farmahini Farahani M., Taghavi M., Kordafshar ,
Bayat F., Karimipour M., Zeinali S. **(2006)**

" Distribution of different β - globin gene mutations in carriers referred to PND unit at Pasteur Institute of Iran"

Milad Hospital. Tehran IRAN. 9th Iranian Genetics Congress. , 20 – 22 May, .
Poster Presentation

✚ Farmahini Farahani M., Mahdiani H., **Valaei A.**, Mirzaei Z., Taghavi M. ,Kordafshar A., Karimipour M., Zeinali S. **(2006)**

"Comparative analysis of mutations among related and unrelated couples who had been referred to PND unit at Pasteur Institute of Iran."

Milad Hospital. Tehran IRAN . 9th Iranian Genetics Congress. , 20 – 22 May, .
Poster Presentation

✚ **Valaei A.**, Farmahini Farahani M., Mahdiani H., Bayat N., Masoudifard M.,
Karimipour M., Zeinali S. **(2006)**


"Frequency of different β -globin mutations in individuals referred to PND unit at Pasteur Institute of Iran. "

Milad Hospital. Tehran IRAN." 9th Iranian Genetics Congress. , 20 – 22 May, .
Poster Presentation

✚ **Valaei A**, Bayat.F, Amirian.A, Karimipour.M, Zeinali.S, **(2007)**

"Molecular characterization of two families with $\delta\beta$ thalassemia "

Summit Meeting Conference Hall, Tehran, IRAN 5th National Congress of Biotechnology Islamic Republic of Iran & 1ST International Congress on Health Genomics & Biotechnology & 4th Iranian Congress of Genetics Disorders & Disabilities 24_26 Nov . Oral Presentation

 Katouzian.L, , Taghavi.M, , Jafarinejad.M, Bayat.F, **Valaei. A** , Amirian.A
Kordafshari.A, Mohamadi.M, Karimipour.M, Zeinali.S, (**2007**)

" The frequency of β -globin mutations in individuals referred to PND unit at Pasteur Institute of Iran. "

Shiraz, IRAN 9th Iranian congress of Biochemistry The 2nd international
congress of Biochemistry & molecular Biology. 29 Oct_ 1 Nov, Poster
Presentation

 Amirian.A, Katouzian.L, Taghavi.M, Bayat.F, **Valaei.A**, Jafarinejad.M,
Mohamadi.M, Kordafshari.A, Karimipour.M, Zeinali.S,


*" Interaction of IVS1-5 mutation & haplotypes in β - Thalassemia" (**2007**)*

Shiraz, IRAN 9th Iranian congress of Biochemistry The 2nd international
congress of Biochemistry & molecular Biology. . 29 Oct_ 1 Nov, Poster
Presentation

 Taghavi.M, Amirian.A, **Valaei.A**, Katouzian.L, Bayat.F, Jafarinejad.M,
Mohamadi.M, Kordafshari.A, Karimipour.M, Zeinali.S, (**2007**)

" Evaluation of ambiguous Thalassemia carriers referred to PND unit at Pasteur Institute of Iran. "


Shiraz, IRAN 9th Iranian congress of Biochemistry The 2nd international
congress Of Biochemistry & molecular Biology. . 29 Oct_ 1 Nov, Poster
Presentation


 Bayat.F, **Valaei.A**, Katouzian.L, Amirian.A, Taghavi.M, Kordafshari.A,
Jafarinekhad.M, Mohamadi.M, , Karimipour.M, Zeinali.S, (**2007**)


" The relationship between haplotype & IVS1-6 mutation in β -thalassemia.


Shiraz, IRAN 9th Iranian congress of Biochemistry The 2nd international


congress Of Biochemistry & molecular Biology. . 29 Oct_ 1 Nov, Poster
Presentation

 **Valaei.A**, Bayat.F, Amirian.A, Katouzian.L, Jafarinekhad.M, , Taghavi.M,
Kordafshari.A, Mohamadi.M, , Karimipour.M, Zeinali.S, (**2007**)
" *The haplotype of β -globin cluster in Fr36/37 mutation of β -globin gene.*"
Shiraz, IRAN 9th Iranian congress of Biochemistry The 2nd international congress
Of Biochemistry & molecular Biology. . 29 Oct_ 1 Nov, Poster
Presentation

 Karimipoor Morteza., Zeinali Sirous.,Shafieiyeh Elham., **Valaee**
Atefeh.,**(2006)** "*Ambiguous carriers of beta-thalassemia: Do they need to PND?*" Imam
Khomeini Hospital Tehran. IRAN
" the 3th National Congress on Prevention &Control of NON-
COMMUNICATONDISEASE "

 **Valaei.A**, Bayat.F, Taghavi.M, Karimipour.M, Zeinali.S, (**2008**)
"*Anew polymorphisms causes different restriction pattern by β -RsaI in β -globin cluster :*
application in PND"
Barcelona, SPAIN European Human Genetics Conference 31 may- 3 June, Poster

 Bayat.F, **Valaei.A**, Amirian.A, Kordafshari.A, , Karimipour.M,
Zeinali.S, (**2008**)
"*Molecular Characterization of two Families with $\delta\beta$ Thalassemia* "
Barcelona, SPAIN European Human Genetics Conference 31 may- 3 June, Poster

 Taghavi.M, Karimipour.M, Jafarinejad.M, , Katouzian.L, ,
Valaei.A , Amirian.A, Bayat.F, Kordafshari.A, Saeedi.N, Zeinali.S, (**2008**)
" *Co-inheritance of Hemoglobin D & β Thalassemia Trait in three Iranian families*"
Barcelona, SPAIN European Human Genetics Conference 31 may- 3 June, Poster



Amirian.A, Karimipour.M, Moghaddam.Z, Kordafshari.A, **Valaei.A**,
Taghavi.M, Katouzian.L, Bayat.F, Jafarinejad.M, Saeidi.N, Sanjari.A, Choubini.M,
Mohammadi.M, Zeinali.S, (**2008**)

" Molecular analysis of two families with Hb Lepore"

Barcelona, SPAIN European Human Genetics Conference 31 may- 3 June, Poster



Taghavi.M, Karimipour.M, Amirian.A, Katouzian.L, Bayat.F,
Valaei.A, Jafarinejad.M, Mohammadi.M, Saeedi.N, Kordafshari.A, Choubini.M,
Sanjari.A, Zeinali.S, (**2008**)

" The haplotype analysis in HbD & HbS Carriers in Iran"

Tehran, IRAN, 10th Congress Iranian genetics Society 21-23 May , Poster,



Amirian.A, Karimipour.M, Kordafshari.A, **Valaei.A**, , Bayat.F,
Taghavi.M, Katouzian.L, Jafarinejad.M, Mohammadi.M, Choubini.M, Sanjari.A,
Zeinali.S, (**2008**)

" Mutations spectrum of β -globin gene in 430 Iranian"

Tehran, IRAN, 10th Congress Iranian genetics Society 21-23 May , Poster,



Amirian.A, Karimipour.M, Moghaddam.Z, Kordafshari.A, **Valaei.A**,
Taghavi.M, Katouzian.L, Bayat.F, Jafarinejad.M, Saeidi.N, Sanjari.A, Choubini.M,
Mohammadi.M, Zeinali.S, (**2008**)

" Molecular analysis of two families with $\delta\beta$ Thalassemia "


Tehran, IRAN, 10th Congress Iranian genetics Society 21-23 May , Poster,



Amirian.A, Karimipour.M, Taghavi.M, Kordafshari.A, **Valaei.A**,
Choubini.M, Zeinali.S.(**2008**)


*"Molecular characterization of a C to A substitution at nt -88 in the promoter region
of the beta-globin gene with normal Hb A₂ in four heterozygotes in Iranian families"*


2 11th International Conference of Thalassemia & Haemoglobinopathies and 13th
International TIF Conference for Thalassemia Patients & Parents 8-11 October 2008,
Singapore, Poster Presentation.

 Amirian.A, Karimipour.M, Moghaddam.Z, Kordafshari.A, **Valaei.A**, Taghavi.M, Katouzian.L, Bayat.F, Jafarinejad.M, Saeidi.N, Sanjari.A, Choubini.M, Mohammadi.M, Zeinali.S, (**2009**)


" The beta –thalassemia mutation spectrum in the north of Iran"

The second International and the Seventh National Congress on Quality Improving In Clinical Laboratories 20-23 April, 2009, Oral Presentation


 Taghavi.M, Bayat F, Amirian.A, **Valaei.A**, Saeidi.N, Kaini Moghadam.Z, Kordafshari.A, Fathiazar.S, Mossayebzadeh.M, Karimipour.M, Zeinali.S *"The novel IVSII-I(G>A)splice donor site mutation on the alpha1 globin gene"(2009)* Vienna, Austria, European Human Genetic May31-Jun 3 , 2009 Poster Presentation .

 Amirian. A, Karimipour. M, Kordafshari .AR, Taghavi M., Jafarinejad, **Valaei A.**, Bayat F., Saeidi N., Mosayebzadeh M., Fathiazar S., Mohammadi MS., Zeinali S. *"The IVS1-5 (G→C) β-thalassemia mutation in trans with the (delta) CD12 [ASP→Lys (AAT>AAA)] Hb A₂ NYU in an Iranian family"(2009)*

Vienna, Austria , European Human Genetic May31-Jun 3 , 2009 Poster Presentation .


 Taghavi.M , Shafiyeh.E, Amirian. A, Saeidi N ,Bayat .F, Jafarinejad.M, **Valaei A** Fathiazar S, Mosayebzadeh, Mohammadi MS, Kordafshari .AR ,Karimipour. M, Zeinali S *"Molecular detection of Alpha-thalassemia in ambiguous referred to PND unit of Pasteur Institute of Iran"(2009)*

Mazandaran ,Iran 5th International congress ,Blood and Cancer society of Iran6-8 May **2009**, poster presentation

 Amirian A., Karimipour M., Kordafshari AR., Taghavi M., Jafarinejad M., **Valaei A.**, Bayat F., Saeidi N., Mosayebzadeh M., Fathiazar S., Mohammadi M., Zeinali S


"Detection of beta and delta globin gene mutations by PCR and direct DNA sequencing in two individuals with normal HbA2 beta thalassemia"(2009)

Mazandaran ,Iran 5th International congress ,Blood and Cancer society of Iran6-8 May 2009,poster presentation


) Bayat . F, **Valaei .A**, Fathiazar .S, Taghavi .M, Amirian A., Saeidi .N, Jafarinejad. M, Mosayebzadeh. M, Kordafshari .AR, Karimipour. M, Zeinali S

"Haplotype Analysis of thalassemia carriers in North and Center of Iran"(2009)


Mazandaran ,Iran 5th International congress ,Blood and Cancer society of Iran6-8 May 2009 ,**Oral presentation**

 **Valaei .A** , Bayat . F, Jafarinejad. M, Mosayebzadeh. M, Taghavi .M, Amirian A., Saeidi .N, Fathiazar .S, Kordafshari .AR, Karimipour. M, Zeinali S
"Investigation of polymorphic sites in thalassemia carriers of South and West of Iran" (2009)

Mazandaran ,Iran 5th International congress ,Blood and Cancer society of Iran6-8 May 2009 ,poster presentation

 Fathiazar .S, Mosayebzadeh. M, , Amirian A., , Jafarinejad. M, Taghavi .M,**Valaei .A** , Bayat .F, Saeidi .N, Kordafshari .AR, Karimipour. M, Zeinali S
(2009)

"Distribution of beta-thalassemia in the western provinces of Iran" Mazandaran ,Iran 5th International congress ,Blood and Cancer society of Iran6-8 May 2009,Poster presentation

 Saeidi .N, Taghavi .M, KainiMoghadam.Z , Amirian A , Fathiazar .S, Kordafshari .A, **Valaei .A** , Karimipoor .M, Zeinali.S

"Molecular Investigation of HbD-Punjab and it's origin"(2009)

Mazandaran ,Iran 5th International congress ,Blood and Cancer society of Iran6-8 May
2009,Poster presentation



Mosayebzadeh M., Fathiazar S., Amirian A., Jafarinejad M., **Valaei A.** Bayat F., Taghavi M., Karimipour M., Kordafshari AR., Mohammadi .M, Zeinali S.

"Distribution of β -thalassemia in the Tehran province of Iran" (2010)

3th International and the 8th National Congress on Quality Improvement In Clinical
Laboratories 21-23 April, 2010. Poster Presentation



Amirian A., Jafarinejad M., Kordafshari AR. Bayat F.,
Mosayebzadeh M., Taghavi M., Fathiazar S., **Valaei A.**, Azadi Z., Mohammadi .M
Karimipour M., Maryami F., Zeinali S.

*"The study of Alpha-thalassemia prevalence in referral patients to Pasteur Institute of
Iran during September 2003 to September 2009" (2010)*

the European Conference of Human Genetics 2010, June 12 - 15, 2010, Gothenburg,
Sweden. Poster Presentation



Fathiazar.S, Bayat.F, Mosayebzadeh.M, Amirian.A, jafarinejad.M,
Taghavi.M, **Valaei.A**,Azadi.Z, Kordafshar.A, Sanjari .A, Karimi poor.M, Zeinali.S**

Detection of Hb variants and hemoglobinopathies in Iranian population,

European Conference of Human Genetics 2010, June 12 - 15, 2010, Gothenburg, Sweden.
Poster Presentation.



Fathiazar.S, Taghavi.M, Sanjari.A, **Valaei.A**, jafarinejad.M,
Mosayebzadeh.M,Amirian.A,Azadi.Z,Bayat.F,Choobini.M,Kordafshar.A,Karimipoor.M,
Zeinali.Sirus**

"Molecular characterization of alpha-thalassemia in the North of Iran"

11th Iranian Genetics Congress May22-24, 2010, Tehran, Iran
Poster Presentation.



Mosayebzadeh.M,**Valaei.A**,Amirian.A,jafarinejad.M,mohammadi.M ,
Fathiazar.S,Bayat.F, Kordafshar.A,Karimipoor.M, Zeinali.Sirus**

The relationship between blood indices and β -thalassemia mutations,
11th Iranian Genetics Congress May22-24, **2010**, Tehran, Iran
Poster Presentation.



Valaei.Atefeh,Eghbalpour.Farnaz,Bayat.Fatemeh,
Kainimoghaddam.Zahra,Jafarinejad.Masoumeh, Navabmoghaddam.
Fatemeh,Kordafshari.Alireza,Zeinali.Sirous, Karimipour.Morteza**
“Co-inheritance of beta & delta-globin gene mutations in an Iranian β -thal carrier”

12th Iranian Congress if Biochemistry and 4th International Congress of Biochemistry and Molecular Biology, has been accepted for **Poster Presentation**. Sep 12-15, **2011**, Mashhad, Iran



Bayat.Fatemeh,Taghavi.Maryam, **Valaei.Atefeh**, Kordafshari.Alireza,
Zeinali.Sirous, Karimipour.Morteza**
“Detection of the Rare Mutation of β -Thalassemia in North of Iran”

12th Iranian Congress if Biochemistry and 4th International Congress of Biochemistry and Molecular Biology, has been accepted for **Electronic Poster Presentation**. Sep 12-15, **2011**, Mashhad, Iran



Kainimoghaddam.Zahra,**Valaei.Atefeh**,Eghbalpour.Farnaz,
Kordafshari.Alireza,Zeinali.Sirous, Karimipour.Morteza**
“Detection of the Most Common β globin Polymorphisms by single- tube Multiplex ARMS /RFLP”

12th Iranian Congress if Biochemistry and 4th International Congress of Biochemistry and Molecular Biology, has been accepted for **Electronic Poster Presentation**. Sep 12-15, **2011**, Mashhad, Iran



Jafarinejad.Masoumeh, **Valaei.Atefeh**, Taghavi. Maryam, Amirian.
Azam, Mosayeb zadeh. Marjan, Bayat.Fatemeh, Kainimoghaddam.Zahra, Fathi
Azar.Samaneh,Azadi.Zahra, Sanjari.Arezo, Chobini. Mina, Kordafshar.Alireza
Maryami.Fereshteh, Karimipour.Morteza, Zeinali.Sirous** *“The frequency of nondeletional mutations in alpha thalassemia carriers”*

12th Iranian Congress if Biochemistry and 4th International Congress of Biochemistry and Molecular Biology, has been accepted for **Oral Presentation**. Sep 12-15, **2011**, Mashhad, Iran



Seyedeh Fatemeh Moosavi, Zahra kaini moghaddam, **Atefeh Valaei**,
Sirous Zeinali, Morteza Karimipoor
“Co-inheritance of α 3.7 triplication with β -thalassemia trait in an Iranian family”

12th Iranian Congress if Biochemistry and 4th International Congress of Biochemistry and Molecular Biology, has been accepted for **Poster Presentation**. Sep 12-15, **2011**, Mashhad, Iran



F. moosavi, Z. kaini moghaddam, **A. Valaei**, S. Zeinali, M. Karimipoor

“The combination of $\alpha\alpha\alpha$ anti 3.7 triplication and β -thalassemia in an Iranian family “
to the ASHG/ICHG **2011** Meeting in Montreal, Canada, October 11-15.

Poster Presentation



Fatemeh Navabmoghadam, **Atefeh Valaei**, Fatemeh Bayat, Setareh Ahmadi, Maryam Taghavi, Marjan Morteza zadeh, Azam Amirian, Alireza Kordafshari, Morteza Karimipour, Sirous Zeinali

“ The analysis of haplotype in $\delta\beta$ thalassemia deletions “

The 5th international and 10th national congress on quality improvement in clinical laboratory. April 23-26 **2012** Tehran, Iran. **Oral Presentation**



Setareh Ahmadi, Maryam Taghavi, , **Atefeh Valaei**, Fatemeh Bayat, Marjan Morteza zadeh, Zahra Kainimoghadam, Newsha Sabokbar, Azam Amirian, Alireza Kordafshari, Morteza Karimipour, Sirous Zeinali.

“ Detection of new hemoglobin variant in Kermanshah province “

The 5th international and 10th national congress on quality improvement in clinical laboratory. April 23-26 **2012** Tehran, Iran. **Poster Presentation**



Atefeh Valaei, Fatemeh Bayat, Maryam Taghavi, Setareh Ahmadi, Zahra Kainimoghadam, Azam Amirian, Fatemeh Navabmoghadam, Newsha Sabokbar, Morteza Karimipour, Sirous Zeinali.

“ Investigation of β - thalassemia carrier with normal HbA2 “

The 5th international and 10th national congress on quality improvement in clinical laboratory. April 23-26 **2012** Tehran, Iran. **Poster Presentation**



Zahra Kainimoghadam, Maryam Taghavi, **Atefeh Valaei**, , Azam Amirian, Setareh Ahmadi, Fatemeh Bayat, Marjan Morteza zadeh, Arezoo Sanjari, Alireza Kordafshari, Morteza Karimipour, Sirous Zeinali.

“ Using single tube multiplex ARMS/RFLP in recognition of the most common β - globin polymorphisms “

The 5th international and 10th national congress on quality improvement in clinical laboratory. April 23-26 **2012** Tehran, Iran. **Poster Presentation**

Training:

- (2005) , *Learning of Workshop “ Micro satellite Analysis & SSCP based mutation screening by Elchrom Scientific Switzerland , PasCo and Fargene Pouyesh Ltd “*
4 – 5 October
- (2006) , In Certification of Satisfactory Participation in Theoretical & Practical Workshop entitled: "**BioSafety in Molecular Biology Lab "**
- An Introduction to: "**Basic Methods in Biothechnology "23-25 Jan**
Included: DNA and RNA methods, upstream processing, Downstream processing and protein analysis at Biotechnology Department, Pasteur Institute of Iran (2006).
- Participated Workshop on: "**Liquid Volume Calibration” 20 july – 5 August**
Pasteur Institute of Iran (2010).
- **11th Bioinformatics Workshop** which was held by Iranian Molecular Medicine Network, **31 -2 August** Pasteur Institute of Iran (2010).

- Practical training course entitled “ ***DNA SIS MAX*** “which was held by Iranian Molecular Medicine Network ***8-9 August*** Pasteur Institute of Iran ***(2010)***.
- Practical training course entitled “ ***Real Time PCR*** “which was held by Iranian Molecular Medicine Network ***12-13 October*** Pasteur Institute of Iran ***(2010)***.
- Has attended in the “ ***Projeny7*** (Genetic data management software)” which was held by Iranian Molecular Medicine Network ***2-3 October (2012)***

Conferences:

In many Conferences attended / Contributed, the most important ones:

- ❖ 152 Meeting of Society for General Microbiology (SGM) , 7 – 11 April , University of Edinburgh , UK
- ❖ 1st FEMS Congress of European Microbiologist , June 29th to July 3th , Ljubljana , Slovenia
- ❖ 11th Australian Food Microbiology Conference , 26 – 28 March , Noosa Lakes Convention Centre , Australia
- ❖ 10th International Conference on Thalassemia & Haemoglobinopathies & 12th International TIF Conference for Thalassemia patients & parents , 7 – 10 January , Dubai , United Arab Emirates. (3 Paper)
- ❖ 13th National Iranian Congress of food industry , 15 – 17 October , Tehran , Iran
- ❖ 1st International Congress of Molecular – Cell Biology , 29 February to 1 March , Ahvaz , Iran
- ❖ 1st Congress of Biology & Microbiology OF country whole students , 20 – 22 September , Zanjan , Iran

- ❖ 5th Iranian Congress of Microbiology , 23 – 25 January , Ahvaz , Iran

- ❖ 3rd National Congress of Biotechnology Islamic Republic of Iran , 10 – 12 September , Mashhad , Iran

- ❖ 4th National Congress of Biotechnology Islamic Republic of Iran , 15 – 17 August , Kerman , Iran

- ❖ 9th Iranian Genetics Congress, 20 – 22 May , Tehran , IRAN

- ❖ 3rd National Congress on Prevention & Control of non- communication disease, 25-27 Nov , Tehran , IRAN

- ❖ 9th Iranian congress of Biochemistry The 2nd international congress of Biochemistry & molecular Biology. 29 Oct_ 1 Nov, Shiraz, IRAN

- ❖ 1ST International Congress on Health Genomics & Biotechnology & 4th Iranian Congress of Genetics Disorders & Disabilities
24_26 Nov, Tehran , IRAN
- ❖ 5th National Congress of Biotechnology Islamic Republic of Iran.
24_26 Nov, Tehran , IRAN

- ❖ European Human Genetics Conference 31 may- 3 June, Barcelona, SPAIN

- ❖ 10th Congress Iranian genetics Society 21-23 May , Tehran, IRAN,

- ❖ The second International and the Seventh National Congress on Quality Improving In Clinical Laboratories 20-23 April, 2009, Tehran, IRAN,

- ❖ Vienna, Austria, European Human Genetic May31-Jun 3 , 2009, Vienna, Austria,

- ❖ 5th International congress ,Blood and Cancer society of Iran 6-8 May **2009**, Mazandaran ,Iran
- ❖ the European Conference of Human Genetics 2010, June 12 - 15, 2010, Gothenburg, Sweden.
- ❖ 3th International and the 8th National Congress on Quality Improvement In Clinical Laboratories 21-23 April, 2010.
- ❖ European Conference of Human Genetics 2010, June 12 - 15, 2010, Gothenburg Sweden. Poster Presentation.
- ❖ 11th Iranian Genetics Congress May 22-24, 2010, Tehran, Iran
- ❖ 12th Iranian Congress of Biochemistry and 4th International Congress of Biochemistry and Molecular Biology Sep 12-15 ,2011, Mashhad, Iran
- ❖ ASHG/ICHG Meeting in Montreal, Canada, October 11-15, 2011
- ❖ The 5th international and 10th national congress on quality improvement in clinical laboratory. April 23-26 **2012** Tehran, Iran.

Contribution:

- Symposium of "*The Role of genetics agents in Cancer*" , Nov (**2007**) , Pasteur Institute, Tehran, IRAN
- "*4th Virology whole Congress of IRAN*" 13-15 April (**2007**) , Pasteur Institute, Tehran, IRAN

- *"Whooping caught and diphtheria student seminar"* CDC, 26 Nov, 2006
- *"3rd annual Iranian Seminar on HIV/AIDS "* 29-30 Nov , Tehran ,
IRAN, 2009

Educations:

- I have certificate of education in biotechnology research center of Pasteur
Institute:
40hr in 2007
30hr in 2008
- I have certification of education and technology transfer in PND unit to:
Kermanshah Medical University
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Membership:

- ✓ Iranian Biotechnology Society
- ✓ Iranian Genetic Society

Recommendation & Consents:

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Department Name: Tarbiat moalem University, Azad University

Published Papers:

➤ *“A novel polymorphism causes a different restriction pattern by RSAI in β -globin cluster: Application in Prenatal Diagnosis”*
Hemoglobin , 33(6): 417-421, (2009)

Atefeh Valaei, Fatemeh Bayat, Alireza Kordafshari, Sirous Zeinali ,
Morteza Karimipoor

➤ *“Co-inheritance of Hemoglobin D and β -thalassemia Traits in Three Iranian Families: Clinical Relevance”*
Archives of Iranian Medicine, Volume 14, Number 1, January 2011

Maryam Taghavi Basmanj BSc¹, Morteza Karimipoor MD PhD¹, Azam Amirian MSc¹,
Masoumeh Jafarinejad BSc¹, Leila Katouzian BSc¹, **Atefeh Valaei** MSc¹, Fatemeh
Bayat BSc¹, Alireza Kordafshari BSc¹, Sirous Zeinali PhD¹,

➤ *“Co-inheritance of α -and β -thalassemia: challenges in prenatal diagnosis of thalassemia.”*
Iranian Journal of Blood & Cancer , Vol 4. No.2, 2012

Zahra Kainimoghaddam BSc, **Atefeh Valaei** MSc, Fatemeh Bayat BSc, Behnaz Zarbaksh DVM, Farnaz Eghbalpour BSc, Alireza Kordafshari BSc, Sirous Zeinali PhD, Morteza Karimipour MD. PhD

➤ Co-inheritance of beta & delta-globin gene (HbYialousa) mutations in an Iranian β -thalassemia carrier
International Journal of Clinical Medicine(IJCM) Vol.3, No.7 ,633-636,
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Valaei.A¹, Eghbalpour.F¹, Kainimoghaddam.Z¹, Bayat.F¹, Taghavi
Basmanj.M¹, Karimipoor.M¹, Zeinali.S^{1,2**}

➤ “Prenatal diagnosis of β -thalassemia in 14 twins pregnancies”

Archives of Iranian Medicine

In press

Kainimoghaddam Z^{*}, Valaei A, Bayat F, Taghavi Basmanj M,
Navabmoghaddam F, Mortezaazadeh M, Sadegh.Sh, Kordafshari.A, Karimipoor M,
Zeinali S,

داوری:

۱. کلونینگ و بیان پروتئین ام-۲ ویروس آنفلانزا اچ ۱- ان ۱ در باکتری اشریشیاکلی سویه بی ال ۲۱

طرح های پژوهشی:

۱. مجری طرح: خانم دکتر صدیقه ذاکری

همکار طرح: عاطفه ولایی

عنوان طرح در MSP1 و CSP: بررسی مولکولی ژنتیک جمعیت موتاسیونهای شایع و تنوع آنتی-ن های

ایزومرهای پلاسمودیوم ویواکس جدا شده از بیماران مالاریایی در منطقه شمال ایران از سال ۸۲-۸۳

شماره طرح: ۲۱۰

۲. مجری طرح: آقای دکتر علی اسلامی فر

همکار طرح: عاطفه ولایی

عنوان طرح: بررسی میزان شیوع تیپ های ۱۶ و ۱۸ پاپیلوماویروس های انسانی در بیماران مبتلا به سرطان

مری در ایران

شماره طرح: ۲۰۸

۳. مجری طرح: خانم دکتر آمینا کریمی نیا

همکار طرح: عاطفه ولایی

عنوان طرح: بررسی عملکرد گیرنده اینترفرون گاما روی یافته های تک هسته ای خون محیطی بیماران مبتلا به

لشمانیوز احشایی قبل و پس از درمان و بررسی ارتباط عرضه هریک از زنجیره های فوق با تولید سیتوکین

های (IL-4IFN-g, IL-2, IL-10)

شماره طرح: ۲۲۳

۴. مجری طرح: خانم دکتر شاهچراغی

همکار طرح: عاطفه ولایی

عنوان طرح: کلون و تعیین خصوصیت ژنهای Multi crump efflux pump در سودوموناس آئروژینوزا

شماره طرح: ۲۲۸

۵. مجری طرح: خانم دکتر سیما رافتی

همکار طرح: عاطفه ولایی

عنوان طرح: بررسی تعیین سیگنال پپتیداز یک انگل لشمانیا ماژور در بقاء رشد عفونت زایی و محافظت با

روش از هم گسیختن ژن

شماره طرح: ۲۷۱

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Available upon request.