

Fatemeh Bayat

Personal Information:

Birth Date: 22/09/1979

Sex: Female

Marriage status: Married

Children (age): -

Birth Place: Tehran

Nationality: Iranian

Education:

1999-2002 B.Sc. on Microbiology, Islamic Azad University, Zanzan branch, Zanzan, IRAN

2012-2015 M.Sc student on Microbiology, Islamic Azad University, Zanzan branch, Zanzan, IRAN

Working and Research experiences:

Working:

2006 – present: Lab expert of: Lab expert of PND unit (Pre- Natal Diagnosis) , Pasteur Institute, Tehran.

2004 – 2006 – Present: Lab expert of Yeast research group, Pasteur Institute, Tehran.

2003– 2004: Lab expert of Genetic research group, Pasteur Institute, Tehran.

Education experience:

- I have certification of education in Prenatal diagnosis and basic techniques in molecular biology in Molecular Medicine research center of :

8hr in 2005

58hr in 2007

30hr in 2008

120hr in 2011

Computer skills and Bioinformatics:

- Work with windows , internet

- Microsoft office software, Word, Excel, Access, PowerPoint and EndNote
 - Work with Excel Program for Design of Tables and Diagram
 - Work with Access Program for database
- Work with Chromes, Gene runner for Design of Primer and sequencing and Blast
- Work with TRF, SERV, Map viewer databases for STR finding for linkage Analysis
- Data retrieving from molecular biology databases such as Genbank, Ensemble, UCSC Genome Browser

Laboratory Skills:

Molecular Biology

- PCR/RFLP Genotyping
- Gel electrophoresis Methods in Agarose and acetate cellulose
- DNA Extraction from blood by Salting out
- DNA Extraction from fetus cell
- Gene Cloning
- Plasmid extraction from Bacteria and Transformation
- Ability of work with Centrifuge , Microscope
- Sequencing PCR
- RNA Extraction
- RT-PCR
- STR Analysis
- Western Blot
- ARMS PCR
- RFLP PCR
- MLPA
- DNA Extraction from tissue
- Multiplex PCR
- Gap PCR
- Prenatal Diagnosis of Beta and Alpha Thalassemia

Languages:

- Fluent in Persian
- My mother language is Turkish.
- I know English

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

I understand Purification of gene by QIA gene Kit.
Extraction of DNA from Fungi (colony & scale) by DNP kit.
Extraction of DNA from blood by Salting out Method.
Extraction of plasmid from bacteria by kit & large scale method.
Cloning of gene and expression gene.
SDS Page Method.
Microbiology Methods.
Gram Staining.

Application of PCR-RFLP in rapid and sensitive detection of dermatophytes in scale and hair specimens.

Special trainings:

- In Certification of Satisfactory Participation in Theoretical & Practical Workshop entitled: "Biosafety in Molecular Biology Lab" Pasteur Institute of Iran, Tehran (2006-2007).
- In Certification of Satisfactory Participation in Theoretical & Practical Workshop entitled: " Bioinformatics " Pasteur Institute of Iran, Tehran, 11-13 Jan (2009)
- In Certification of Satisfactory Participation in Theoretical & Practical Workshop entitled: " Real time PCR " Pasteur Institute of Iran, Tehran, 2-3 Feb (2010)
- In Certification of Satisfactory Participation in Theoretical & Practical Workshop entitled: "DNASIS MAX 2.0 "(Sequence Analysis Software) Pasteur Institute of Iran, Tehran, 8-9 Aug (2010)
- In Certification of Satisfactory Participation in Theoretical & Practical Workshop entitled: "Liquid Volume Calibration" Pasteur Institute of Iran, Tehran, 20 Jul-5 Aug (2010)
- In Certification of Satisfactory Participation in Theoretical & Practical Workshop entitled: "Flow cytometry which was held by Iranian molecular Medicine Network" Pasteur Institute of Iran, Tehran, 13-14 Feb (2012)
- In Certification of Satisfactory Participation in Theoretical & Practical Workshop entitled: " Progeny 7(Genetic data management software) " Pasteur Institute of Iran, Tehran, 6-7 Jul (2013)

Contribution:

- " 9th Iranian Genetic Congress", May (2006), Tehran, IRAN
- Symposium of "The Role of genetics agents in Cancer" , Nov (2007) , Pasteur Institute, Tehran, IRAN

- **"4th Virology whole Congress of IRAN"** 1-3 April (2007) , Pasteur Institute, Tehran, IRAN
- **"9th Iranian congress of Biochemistry The 2nd international congress of Biochemistry & molecular Biology"**. 29 Oct-1 Nov (2007), Shiraz, IRAN
- **"1st International Congress on Health Genomics and Biotechnology and the 4th Iranian Congress of Genetic Disorders and Disabilities** 24-26 Nov (2007), Tehran, IRAN
- **" 10th Congress Iranian genetics Society"** 22-24 Jun (2008) ,Tehran, IRAN
- **" 5th International congress, Blood and Cancer society of Iran"** 12-15 May (2009), Mazandaran, IRAN
- **" 3rd annual Iranian Seminar on HIV/AIDS "** 29-30 Nov (2009), Tehran, IRAN
- **" Genomic of Complex Disorders symposium "**20-21 Nov (2011),Tehran , IRAN
- **" 1st Congress of Iranian Biological Resources Center(IBRC)"** 22-23 Feb (2011), Tehran, IRAN
- **" 5th International and 10th National Congress on Quality Improvement in Clinical Laboratories"** 23-26 Apr(2012) ,Tehran, IRAN
- **"12th Iranian Congress Of Biochemistory & 4th International Congress Of Biochemistory & Molecular Biology"** September 6-9,2011, Mashhad,Iran.
- **" 3th Iranian Medical genetics"** 15-16 May(2013), Tehran, IRAN

Publications:

ARTICLES

1. Darvishi M.H, Hamzeloei. **Bayat F.** Karimi M. Khatami A. Detection of mutations Δ F508,2183AA>G,574delA,D110H,R334W,2043delG in Iranian Cystic Fibrosis patients by ARMS-PCR.European Jornal of Human Genetics(suppl).2004,vol 12:240.

2. Hasan Mirzahosaini / **Fatemeh bayat** / Golnar sadeghi / Mehdi Razaghi-Abyaneh.. Molecular differentiation of Iranian Dermatophytes Species and Varieties from Clinical Specimens using PCR-RFLP. *International journal of infectious Disease.(submitted)*.
3. Taghavi Basmanj M, Karimipour M, Jafarinejad M, Amirian A, Katouzian L, Valaei A, **Bayat F**, Kordafshari A, Zeinali S. Co-inheritance of Hemoglobin D and β -Thalassemia trait in three Iranian families, clinical relevance". *Archive of Iranian Medicine Journal*, **2009**; Jan: 14(1):61-3
4. Valaei Atefeh, **Bayat Fatemeh**, Kordafshari Alireza, Zeinali Siros Karimipour Morteza. A novel polymorphism causes a different restriction pattern by RFLP in β -globin cluster: Application in Prenatal Diagnosis". *Hemoglobin*, 33(6): 417-421, (2009)
5. Valaei A, Eghbalpour F, Kainimoghaddam Z, **Bayat F**, Taghavi Basmanj M, Karimipour M, Zeinali S. Co-Inheritance of Beta & Delta-Globin Gene (HbYialousa) Mutations in an Iranian β -Thalassemia Carrier". *International Journal of Clinical Medicine*, 2012; Dec: 3(7):633-636
6. Kainimoghaddam Z, Valaei A, **Bayat F**, Taghavi Basmanj M, Navabmoghaddam F, Mortezaazadeh M, Teimoori-Toolabi L, Ahmadi S, Sadegh S, Kordafshari A, Karimipour M, Zeinali S. Prenatal diagnosis of β -thalassemia in 14 twins pregnancies from Iran Prenatal diagnosis of β -thalassemia in twin pregnancies" *Archive of Iranian Medicine Journal*. **2013**; Oct:16(10):573-5
7. Zahra kainimoghaddam BSc, Atefeh Valaei MSc, **Fatemeh Bayat BSc**, Behnaz Zarbakhsh DVM, Farnaz Eghbalpour BSc, Alireza Kordafshari BSc, Siros Zeinali PhD, Morteza Karimipour MD.PhD. Co-inheritance of beta & delta-globin gene (HbYialousa) mutations in an Iranian β -thalassemia carrier *Acta Haematologica Journal*.

MEETINGS (Abstract & Presentations):

1. Mahdiani H, Valaei A, Farmahini Farahani M, Taghavi M, Kordafshar **Bayat F**, Karimipour M, Zeinali S. Distribution of different β -globin gene mutations in carriers referred to PND unit at Pasteur Institute of Iran. 10th International Conference on Thalassemia & Hemoglobinopathies & 12th International TIF Conference for Thalassemia Patients and Parents. 7–10 January, 2006, UAE, Dubai. (*Poster Presentation)
2. Mahdiani H, Valaei A, Farmahini Farahani M, Taghavi M, Kordafshar A, **Bayat F**, Karimipour M, Zeinali S. Distribution of different β -globin gene mutations in carriers referred to PND unit at Pasteur Institute of Iran. 9th Congress Iranian genetics Society, 20-22 May, 2006, Tehran, IRAN. (*Poster Presentation, in Persian)

3. Katouzian L, Taghavi M, Jafarinejad M, **Bayat F**, Valaei A, Amirian A, Kordafshari A, Mohamadi M, Karimipour M, Zeinali S. The frequency of β -globin mutations in individuals referred to PND unit at Pasteur Institute of Iran. 9th Iranian congress of Biochemistry The 2nd international congress of Biochemistry & molecular Biology. 29 Oct-1 Nov, 2007, Shiraz, IRAN. (*Poster Presentation)
4. 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. 9th Iranian congress of Biochemistry The 2nd international congress of Biochemistry & molecular Biology. 29 Oct-1 Nov, 2007, Shiraz, IRAN. (*Poster Presentation)
5. Taghavi M, Amirian A, Valaei A, Katouzian L, **Bayat F**, Jafarinejad M, Mohamadi M, Kordafshari A, Karimipour M, Zeinali S. Evaluation of ambiguous Thalassemia carriers referred to PND unit at Pasteur Institute of Iran. 9th Iranian congress of Biochemistry The 2nd international congress of Biochemistry & molecular Biology. 29 Oct-1 Nov, 2007, Shiraz, IRAN. (*Poster Presentation)
6. **Bayat F**, Valaei A, Katouzian L, Amirian A, Taghavi M, Kordafshari A, Jafarinekhad M, Mohamadi M, , Karimipour M, Zeinali S. The relationship between haplotype & IVS1-6 mutation in β -thalassemia. 9th Iranian congress of Biochemistry The 2nd international congress of Biochemistry & molecular Biology. 29 Oct-1 Nov, 2007, Shiraz, IRAN. (*Poster Presentation)
7. Valaei A, Bayat F, Amirian A, Katouzian L, Jafarinekhad M, Taghavi M, Kordafshari A, Mohamadi M, , Karimipour M, Zeinali S. The haplotype of β -globin cluster in Fr36/37 mutation of β -globin gene. 9th Iranian congress of Biochemistry The 2nd international congress of Biochemistry & molecular Biology. 29 Oct-1 Nov, 2007, Shiraz, IRAN. (*Poster Presentation)
8. **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
9. Valaei A, **Bayat F**, Taghavi M, Karimipoor.M, Zeinali.S. A new polymorphism causes different restriction pattern by \square -RsaI in \square -globin cluster: application in PND. European Human Genetics Conference. 31 May- 3 June, 2008, Barcelona, SPAIN. (*Poster Presentation)
10. Taghavi M, Karimipour.M, Jafarinejad.M, Katouzian.L, Valaei A , Amirian A, **Bayat F**, Kordafshari.A, Saeedi N, Zeinali S. Co-inheritance of Hemoglobin D

& □ Thalassemia Trait in three Iranian families. European Human Genetics Conference. 31 May- 3 June, 2008, Barcelona, SPAIN. (*Poster Presentation)

11. 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. Molecular analysis of two families with Hb Lepore. European Human Genetics Conference. 31 May- 3 June, 2008, Barcelona, SPAIN. (*Poster Presentation)

12. 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. The haplotype analysis in HbD and HbS Carriers in Iran. 10 th Congress Iranian genetics Society. 21-23 May, 2008, Tehran, IRAN. (*Poster Presentation)

13. Amirian A, Karimipour M, Kordafshari A, Valaei A, , **Bayat F**, Taghavi M, Katouzian L, Jafarinejad M, Mohammadi M, Choubini M, Sanjari A, Zeinali S. Mutations spectrum of □-globin gene in 430 Iranian. 10 th Congress Iranian genetics Society. 21-23 May, 2008, Tehran, IRAN. (*Poster Presentation)

14. 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. Molecular analysis of two families with □□ Thalassemia. 10 th Congress Iranian genetics Society. 21-23 May, 2008, Tehran, IRAN. (*Poster Presentation)

15. Valaei A, **Bayat F**, Taghavi M, Katouzian L, Sanjari A, Karimipour M, Zeinali S. Molecular characterization of two families with delta and beta Thalassemia. 11th International Conference of Thalassemia & Haemoglobinopathies and 13th International TIF Conference for Thalassemia Patients & Parents. 8-11 October, 2008, SINGAPORE. (*Poster Presentation)

16. Amirian A, Karimipour M, Kordafshari A, Taghavi M, Valaei A, **Bayat F**, Jafarinejad M, Mohammadi M, Saeidi N, Choubini M, Sanjari A, Zeinali S. 180 distribution of Beta-Thalassemia in the Southern province of Iran. 2nd International Student Conference of Biotechnology. 15-17 Nov, 2008, Tehran, IRAN. (*Oral Presentation)

17. **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

18. Valaei A, **Bayat F**, Taghavi M, Karimipour M, Zeinali S, (2008) "*A new 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

19. 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. 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, Tehran, IRAN. (*Oral Presentation)
20. Taghavi M, **Bayat F**, Amirian.A, Valaei.A, Saeidi.N, Kaini Moghadam.Z, Kordafshari.A,Fathiazar.S, Mossayebzadeh.M, Karmipoor.M, Zeinali.S. The novel IVSII-I (G>A) splice donor site mutation on the alpha1 globin gene. European Human Genetic. May31-Jun 3, 2009, Vienna, AUSTRIA. (*Poster Presentation)
21. Saeidi N, Jafarinejad M, Shafieie E, Mohammadi M, Taghavi M, **Bayat F**, Karimipur M, Kordafshari A, Zeinali S. Should we screen for gene mutations in blood samples with MCH greater than 27pg in areas with a high prevalence of thalassaemia. European Human Genetic. 23-26 May, 2009, Vienna, AUSTRIA. (*Poster Presentation)
22. Amirian A, Karimipour M, Kordafshari AR, Taghavi M, Jafarinejad M, Valaei A, **Bayat F**, Saeidi N, Mosayebzadeh M, Fathiazar S, Mohammadi MS, Zeinali S. The IVSI-5 (G□C) β-thalassemia mutation in Trans with the (delta) CD12 [ASP□Lys (AAT>AAA)] Hb A2 NYU in an Iranian family. European Human Genetic. 23-26 May, 2009, Vienna, AUSTRIA. (*Poster Presentation)
23. Taghavi M, Shafiyeh E, Amirian A, Saeidi N ,**Bayat F**, Jafarinejad M, Valaei A Fathiazar S, Mosayebzadeh M, Mohammadi MS, Kordafshari AR, Karimipour M, Zeinali S. Molecular detection of Alpha-thalassemia in ambiguous referred to PND unit of Psteur Institute of Iran. 5th International congress, Blood and Cancer society of Iran. 12-15 May, 2009, Mazandaran, IRAN. (*Poster Presentation)
24. 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. . 5th International congress, Blood and Cancer society of Iran. 12-15 May, 2009, Mazandaran, IRAN. (*Poster Presentation)
25. **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 carrier in North and Center of Iran. 5th International congress, Blood and Cancer society of Iran. 12-15 May, 2009, Mazandaran, IRAN. (*Poster Presentation)
26. 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 carrier of South and West of Iran. 5th International congress, Blood and Cancer society of Iran. 12-15 May, 2009, Mazandaran, IRAN. (*Poster Presentation)

27. Fathiazar S, Mosayebzadeh M, Amirian A, Jafarinejad M, Taghavi M, Valaei A, **Bayat F**, Saeidi N, Kordafshari AR, Karimipour M, Zeinali S. Distribution of beta-thalassemia in the western provinces of Iran. . 5th International congress, Blood and Cancer society of Iran. 12-15 May, 2009, Mazandaran, IRAN. (*Poster Presentation)

28. Mosayebzadeh M, Fathiazar S, Amirian A, Jafarinejad M, Valaei A, **Bayat F**, Taghavi M, Karimipour M, Kordafshari AR, Mohammadi M, Maryami F, Zeinali S. Distribution of α -thalassemia in the Tehran province of Iran. 3th International and the 8th National Congress on Quality Improvement in Clinical Laboratories. 20-23 April, 2010, Tehran, IRAN. (*Poster Presentation)

29. Amirian A, Jafarinejad M, Kordafshari AR, **Bayat F**, Mosayebzadeh M, Taghavi M, Valaei A, Mohammadi M, Karimipour M, Zeinali S. Alpha Thalassemia in Mazandaran and Gilan, northern provinces of Iran. 11th Congress Iranian genetics Society. 22-24 May, 2010, Tehran, IRAN. (*Poster Presentation)

30. Fathiazar S, Taghavi M, **Bayat F**, Valaei A, Jafarinejad M, Mosayebzadeh M, Kordafshari AR, Azadi Z, Karimipour M, Zeinali S. Molecular characterization of Alpha-Thalassemia in the North of Iran. 11th Congress Iranian genetics Society. 22-24 May, 2010, Tehran, IRAN. (*Poster Presentation)

31. 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. The European Conference of Human Genetics. 12-15 June, 2010, Gothenburg, SWEDEN. (*Poster Presentation)

32. Amirian A, Karimipour M, Kordafshari AR, **Bayat F**, Taghavi M, Valaei A, Navabmoghadam F, Morteza Zadeh M, Maryami F, Zeinali S. The study of Alph-Thalassemia prevalence in referral patients to Pasteur Institute of Iran during September 2003 to September 2009. 2nd Iranian Medical Genetics Congress. 20-21 June, 2011, Tehran, IRAN. (*Poster Presentation)

33. **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**

34. **Bayat.Fatemeh**, Taghavi.Maryam, Valaei.Atefeh, Kordafshari.Alireza, Zeinali.Sirous, Karimipour.Morteza* “*Detection of the Rare Mutation of Thalassemia in North of Iran*” 12th Iranian Congress of Biochemistry and 4th International Congress of Biochemistry and Molecular Biology, has been accepted for ***Electronic Poster Presentation***. Sep 12-15, **2011**, Mashhad, Iran
35. **Valaei.Atefeh**, Eghbalpour.Farnaz, Bayat.Fatemeh, Kainimoghaddam.Zahra, Jafari nejad.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 of Biochemistry and 4th International Congress of Biochemistry and Molecular Biology, has been accepted for ***Poster Presentation***. Sep 12-15, **2011**, Mashhad, Iran
36. Valaei A, **Bayat F**, Taghavi M, Ahmadi S, Kainimoghaddam Z, Amirian A, Navabmoghaddam F, Sabokbar N, Karimipour M, Zeinali S. Investigation of beta-Thalassemia carrier with normal HbA2. The 5th International and 10th National congress on Quality Improvement in Clinical laboratory. 23-26 April, 2012, Tehran, IRAN. (*Poster Presentation)
37. Kainimoghaddam Z, Taghavi M, Valaei A, Amirian A, Ahmadi S, **Bayat F**, Mortezaazadeh M, Sanjari A, Kordafshari A, Karimipour M, Karimipour M, Zeinali S. Using single tube multiplex ARMS/RFLP in recognition of the most common beta globin polymorphism. The 5th International and 10th National congress on Quality Improvement in Clinical laboratory. 23-26 April, 2012, Tehran, IRAN. (*Poster Presentation)
38. Ahmadi S, Taghavi M, Valaei A, **Bayat F**, Mortezaazadeh M, Kainimoghaddam Z, Sabokbar N, Amirian A, Kordafshari A, Karimipour M, Karimipour M, Zeinali S. Detection of new hemoglobin variant in Kermanshah province. The 5th International and 10th National congress on Quality Improvement in Clinical laboratory. 23-26 April, 2012, Tehran, IRAN. (*Poster Presentation)
39. Navabmoghaddam F, Valaei A, **Bayat F**, Ahmadi S, Taghavi M, Mortezaazadeh M, Kainimoghaddam Z, Sabokbar N, Amirian A, Kordafshari A, Karimipour M, Karimipour M, Zeinali S. The analysis of haplotype in thalassemia deletions. The 5th International and 10th National congress on Quality Improvement in Clinical laboratory. 23-26 April, 2012, Tehran, IRAN. (*Oral Presentation)
40. Taghavi M, Ahmadi S, **Bayat F**, Valaei A, Amirian A, Kainimoghaddam Z, Mortezaazadeh M, Kordafshari A, Sanjari A, Sabokbar N, Choobini M, Sadegh Sh, Navabmoghaddam F, Maryami F, Karimipour M, Karimipour M, Zeinali S. Investigation of Hb variant among patients of Pasteur Institute of Iran. European Human Genetic. 23-26 June, 2012, Nürnberg, Germany. (*Poster Presentation)

41. Taghavi Basmanj M, Davoudi Dehaghani E, Sanati M, Bagherian H, Sharifi Z, **Bayat F**, Sarhadi A, Zeinali S. Novel Multiplex-PCR for detection of DFNB3 hearing loss among Iranian Deaf Children. 25th International Congress of Pediatrics. 10-14 Oct, 2013. Tehran ,IRAN (*Oral Presentation)

42. Taghavi Basmanj M, Davoudi Dehaghani E, Sanati M, Bagherian M, Sharifi Z, **bayat F**, Sarhadi A, Zeinali S. Development of a novel multiplex PCR assay to detection of DFNB53 hearing loss among Iranian deaf individuals. 6th International Iranian Congress Laboratory& Clinic. February 12-14, 2014, Tehran, IRAN. (*Poster Presentation)