

CURRICULUM VITAE

Personal Detail:

Name: Ebrahim

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Qualifications:

- 1985-1987 Associate Degree in Medical Laboratory Science, Shahid Beheshti University of Medical Sciences, Tehran-Iran.
- 1994-1996 B.Sc. in Medical Laboratory Sciences, Kerman University of Medical Sciences, Kerman-Iran.
- 1996-98 M.Sc in Hematology and Blood banking (first class honors degree). Faculty of Medicine, Tarbiat-Modarres University, Tehran-Iran
- 2005-2009 Ph.D in Human Molecular Genetics. National Institute of Genetic Engineering and Biotechnology (NIGEB) and Tehran University of Medical Sciences, Tehran-Iran.

Professionals:

- 1996 till 2005; Member of academic staff, lecturer in department of Immuno-Hematology, Faculty of Medicine, Zahedan University of Medical Sciences (ZAUMS), Zahedan- Iran
- 1997 till 2004: Director of Zahedan University of Medical Science Research Center, ZAUMS, Zahedan- Iran
- 2001 till 2005: Head of Prenatal Diagnosis (PND) of Thalassemia center in children Ali Asghar Hospital, Zahedan- Iran.
- 2009 till 2015: Assistant professor in department of Genetics, ZAUMS, Zahedan- Iran.
- 2015 till 2016: Associate professor in department of Genetics, ZAUMS, Zahedan- Iran
- 2009 till 2013: Head of PND in children Ali-Asghar Hospital, ZAUMS, Zahedan- Iran.
- 2009 till 2015: Vice-Dean for Research of Para-Medical School in ZAUMS, Zahedan- Iran.
- 2009 till 2016: Manager of Student Research Center of ZAUMS, Zahedan- Iran.
- 2015 till 2016: Faculty members' affairs manager in ZAUMS, Zahedan- Iran.
- 2016 till Now: Associate professor in Molecular Medicine Department, Birjand University of Medical Sciences (BUMS), Birjand- Iran.
- 2017 till Now: Research Affairs Manager in Deputy of research and technology, Birjand University of Medical Sciences (BUMS), Birjand- Iran.

Presentations:

- Naderi M., Peyman Eshghi P., Cohan N., Yaghmaei M., **Miri Moghaddam E.**, Sadeghi-Bojd S., Karimi M., Hoorfar H., Lak M., Narouie B., Blood (American Society of Hematology (ASH) Annual Meeting Abstracts) 2011 118: Abstract 4363.
- **Miri-Moghaddam E.**, Fadaie Rayeini M., Izadie Sh. Khazaei Feizabad A. Causes of new thalassemia occurrences in Zahedan, center of Sistan-Balouchestan province, Iran. 12th international conference on thalassemia and the hemoglobinopathies. 11-14 may 2011, WOW Hotels, Topkapi & Kremlin palace Antalya-Turkey.
- Nakhaie A., Dabiri S., Salimi S., Noora M., **Miri-Moghaddam E.** Study of Mediterranean mutation of G6PD enzyme in Zahedan city. 3rd Congress of laboratory & Clinic Pediatrics. 1-3 December 2010, Tehran-Iran.
- **Miri-Moghaddam E.**, Deezagi A., Sohaili Z.S., Shariati P.; Outcome of the Modulation of hTERT gene expression in promyelocytic leukemia as a model. 21st international congress on anticancer treatment. 1st to 5th February 2010- palais des congres de Paris-France.
- **Miri-Moghaddam E.**, Deezaji A., Sohaili Z.; siRNA down regulated telomerase activity and hTERT expression in human promyelocytic leukemic cells .The 10st Iranian Genetics congress. 21-23 May.2008, Razi Conferences Hall. Tehran (Iran).
- **Miri-Moghaddam E.**, Deezaji A., Sohaili Z., Vaseli N.; Inhibition of proliferation leukemic cell with RNAi. 1st international congress on health genomics & biotechnology. 24-26 Nov.2007, Tehran (Iran).
- Zadeh-Vakili A., **Miri-Moghaddam E.**, Narouie Nejad M., Shahsavan M.; Prenatal diagnostic of beta thalassemia in southeast of Iran. 4th Iranian congress of genetic disorders & disabilities. 24-26 Nov.2007, Tehran (Iran).
- **Miri-Moghaddam E.**, Narouie Nejad M., Eshghi P.; The basic of beta thalassemia in Sistan & Baluchestan: 4th Iranian congress of Hematology & Oncology and nursing meeting 24-26 June 2004, Mashhad (Iran).
- Eshghi P., **Miri-Moghaddam E.**, Narouie Nejad M.; Prenatal diagnosis of thalassemia in sistan & Baluchestan; an epidemiologic report, 2nd conference of Iranian pediatric Hematology and Oncology - Society Thalassemia Updates, 28-30 April 2004, Kish (Iran).
- Eshghi P., **Miri-Moghaddam E.**, Narouie Nejad M.; Laboratory phenotype of carrier patients with IVS I-5 mutation in Sistan & Baluchestan, 2nd conference of Iranian pediatric Hematology and Oncology - Society Thalassemia Updates, 28-30 April 2004, Kish (Iran).
- Narouie Nejad M., **Miri –Moghaddam E.**, The study of RFLP pattern in beta globin gene in 192 chromosomes in beta thalassemia carrier in sistan and baluchestan. 2nd congress on prevention of Non-communicable diseases, 7-9 Mar 2004 Tehran (Iran).
- **Miri–Moghaddam E.**, Moradie A., Parvovirus B19 in pregnant women in Zahedan city, 2nd Iranian congress of Virology. 13-15 February 2003, Tehran (Iran).
- Shahramian E., Kohan F., Moradi A., **Miri-Moghaddam E.**; The effects of Bopronorfin on hematologic parameters in Rat. 2th Iranian congress of Health strategies to deal with drug Dependency Disorder. 20-22 October 2003, Zahedan (Iran).
- **Miri-Moghaddam E.**, Narouie Nejad M., Eshghi P., Prenatal Diagnosis of Beta thalassemia in Southeast of Iran .9th International conference on thalassemia and hemoglobinopathis. 15-19 October 2003, Palermo (Italy).

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- Narouie Nejad M., **Miri-Moghaddam E.**, Eshghi P., Beta globulin mutation analysis among Beta Thalassemic patients and carriers from Sistan & Baluchestan Province. 2nd Iranian congress of genetic disorders & disabilities. December 2003, Tehran (Iran).
- Moradi A., **Miri-Moghaddam E.**, Eshghi P.; Sero- epidemiology of HTLV-1 antibody in thalassemic patients in Zahedan and Zabol. 1st Iranian congress of Virology 2-4 May 2002, Tehran (Iran).
- Khazaei H.A., **Miri-Moghaddam E.**, Shahraki S.; Frequency of HLA Class I, II, Antigens in Sistan & Baluchestan population. 5th Iranian congress of immunology and allergy 20-22 May 2002, Tehran (Iran).
- **Miri-Moghaddam E**, Eshghi P., Naroenejade M., Shahsavan M.; Thalassemia in Sistan & Baluchestan Province. 1st congress on prevention of Non-communicable diseases 29-31 Oct 2002 Tehran (Iran).
- Moradi M., Salehi M., Rakhshani F., Sanei M., **Miri-Moghaddam E.**; Sero-epidemiology of measles within woman in pregnancy age in Saravan city; 1st Iranian congress on virology, 19-21 Feb 2002, Tehran (Iran).
- **Miri-Moghadam E.**, Poorfathollah A. A., Kviani M.; The study of Hematology Parameters and G6PD deficiency in M. Falciparum patients. 3th Iranian congress of Hematology & Oncology Society Oct.; 17-19 2001, Tabriz (Iran).
- Kavini S., Poorfathollah A.A., **Miri-Moghaddam E.**, The study of relationship between G6PD deficiency and infected patients with F.Malaria in Baluchestan(Iran). 5th Annual meeting of European Hematology Association, 25-28 June 2000, Birmingham (UK).

Publications:

- Noori N.M., **Miri-Moghaddam E.**, Dejkam A., Garmie Y., Bazi A. Are polymorphisms in MTRR A66G and MTHFR C677T genes associated with congenital heart diseases in Iranian population? Caspian J Intern Med 2017; 8(2):83-90 DOI: 10.22088/acadpub.
- Mashhadi MA, **Miri-Moghaddam E**, Arbabi N, Bazi A, Heidari Z, Sepehri Z, Karimkoshte A, Rezvan A, Hashemi SM. C677T and A1298C polymorphisms of methylene tetrahydrofolate reductase in non-Hodgkin lymphoma: southeast Iran. Tumori. 2017 Apr 14:0. doi: 10.5301/tj.5000634. [Epub ahead of print]
- **Miri-Moghaddam E.**, Bahrami S., Naderi M, Bazi A, Karimipoo M. Xmn1-158 γ G Variant in B-Thalassemia Intermediate Patients in South-East of Iran. IJHOSCR 2017. 11(2):164-171
- **Miri-Moghaddam E**, Farhad-Mollashahi N, Baghaee E, Bazi A, Garme Y. Role of Thr399Ile and Asp299Gly polymorphisms of toll-like receptor-4 gene in acute dental abscess. J Clin Exp Dent. 2017 Feb 1;9(2):e196-e201. doi: 10.4317/jced.53190.
- Moudi Z., Dehghani Chermahini E., **Miri Moghaddam E.**, Navidian A. Motivational Interviewing and Compliance with Carriers Screening for Beta-Thalassemia Trait in Zahedan Premarital Counseling Center, Iran. Shiraz E-Med J. 2016 October; 17(10): e41381.

- Moudi Z., **Miri-Moghaddam E.** Decisions Regarding Pregnancy Termination Due to β -Thalassemia Major: a Mixed-Methods Study in Sistan and Baluchestan, Iran. *J Genet Couns.* 2016 Sep 28. [Epub ahead of print] PMID: 27680567.
- Bazi A., **Miri-Moghaddam E.**, Rostami D., Dabirzadeh M. Characteristics of Seropositive Hepatitis B and C Thalassemia Major Patients in South-East of Iran. *Biotech Health Sci.* In press (In press):e35687 .Doi: 10.17795/bhs-35687.
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- **Miri-Moghaddam E.**, Yaghoobi M., Naderi M., Nootizaei A. Demographic and Laboratory Characteristics of β -Thalassemia Major Patients in Zahedan, Southeast of Iran. *Iran J Ped Hematol Oncol.* 2016; 6(2): 93-99.
- Naderia M., Esmaeili Reykandeb S., Dorgalalehb A., Alizadehb Sh., TabibianbSh., Einollahid N., **Miri Moghaddam E.** Establishment of a prenatal diagnosis schedule as part of prophylaxis program of factor XIII deficiency in southeast of Iran. *Blood Coagulation & Fibrinolysis*2016; 27(1): 97-100.
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- **Miri-Moghaddam E.**, Mirzaei R., Arab M R., Kaikha S. The Effects of Water pipe Smoking on Hematological Parameters in Rats. IJHOSCR 2014. 8(3):37-43.
- **Miri-Moghaddam E.**, Garmie Y. Naderi M. Unusual Prevalence of c559T > C Mutation in Patients with Factor XIII deficiency in Southeast of Iran. Gene Cell Tissue 2014 1(1): e18314.
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- Naderi M, Zarei T, Haghpanah S, Eshghi P, **Miri-Moghaddam E**, Karimi M. Intracranial hemorrhage pattern in the patients with factor XIII deficiency. Ann Hematol 2014 93(4):639-7.
- Naderi M., Imani M, Eshghi P., Dorgalaleh A., Tabibian S., Alizadeh S., **Miri-Moghaddam E.**; [Factor XIII deficiency in Sistan and Balouchestan province] Persian. Sci J Blood Transfuse Organ. 2013; 10 (3) :282-288
- **Miri-Moghaddam E.**, Eshghi P., Sanei Moghaddam E., Hashemi S.M. [Prevalence of hemoglobinopathies in Sistan and Balouchistan province in southeast of Iran] Persian. Sci J Iran Blood Transfuse Organ 2013; 9(4): 406-413.
- **Miri-Moghaddam E.**, Mortazavi Y., Nakhaee A., Khazaei Feizabad A. Prevalence and molecular identification of the Mediterranean variant among G6PD-deficient Sistani and Balouch males in the southeast of Iran. Biochem Genet 2013, 51:131–138.
- **Miri-Moghaddam E** Naderi M., Izadi S., Mashhadi MA.; Causes of New Cases of Major Thalassemia in Sistan and Balouchistan Province in South-East of Iran. Iranian Journal of Public Health 2012; 4 (11): 67-71.
- **Miri-Moghaddam E.**, Zadeh-Vakili A., Nikravesh A., Sanei Sistani SH. Naroie-Nejad M.; Sistani population: A different spectrum of thalassemia mutations from other ethnic groups of Iran. Hemoglobin Journal 2012; 37(2):138-47
- **Miri-Moghaddam E.**, Zadeh-Vakili A. Profile of β -thalassemia and its prenatal diagnosis in Khorasan-e- Jonobi province, Iran. Hemoglobin Journal 2012; 36(5): 456-463.
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- Naderi M., Eshghi P., Cohan n., **Miri-moghaddam E.**, Yaghmaee m., Karimi M. Successfully delivery in patients with XIII deficiency receiving prophylaxis: report of 17 cases in Iran. Hemophilia 2012; 3: 1-4.

- Nakhaie A., Dabiri S., Salimi S., Noora M., Zadeh-Vakili A., **Miri-Moghaddam E.** The prevalence of Mediterranean mutation of Glucose -6- phosphate dehydrogenase (G6PD) in Zahedan. *Zahedan J Res Med Sci (ZJRMS)* 2012; 14(3): 39-43
- **Miri-Moghaddam E.**, Fadaei Raieny M, Izadie Sh. [Lack of Knowledge of Being Minor Thalassemic is the Main Cause of Major Thalassemia Incidence in Zahedan, the South-East of Iran] *Persian. Hakim Res J* 2011; 14(3): 174- 179.
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- **Miri-Moghaddam E.**, Zadeh-Vakili A., Rouhani Z., Naderi M., Eshghi P. , Khazaei Feizabad A.; Molecular basis and prenatal diagnosis of β -thalassemia among Balouch population in Iran. *Prenat Diagn* 2011; 31: 788–791.
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- **Miri-Moghaddam E.**, Deezagi A., Soheili ZS., Shariati, P.; Apoptosis and Reduced Cell Proliferation of HL-60 Cell Line Caused by Human Telomerase Reverse Transcriptase Inhibition by siRNA. *Acta Haematol.* 2010; 124:172-78.
- **Miri-Moghaddam E.**, Deezagi A., Soheili ZS. Down regulation of telomerase activity in human promyelocytic cell line using RNA interference. *Ann Hematol.* 2009; 8(12):1169-1176.
- Trinch,CH., Elsayed Walid SH., Eshghi p., **Miri-Moghaddam E.**, Zadeh-Vakili A., Markham E., Anwar R. Molecular analysis of sixteen unrelated factor XIII A deficient families from south-east Iran. *British journal of hematology* 2008; 140(5): 581-584.
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- Shahraki M.R., Arab M.R., **Miri-moghaddam E.** Palan M. J.; The Effect of *Teucrium polium* (Calpoureh) on Liver function, Serum Lipids and Glucose in Diabetic Male Rats. *Iranian Biomedical Journal* 2007;11(1): 65-68.

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- Keikha F., *Miri-Moghaddam E.*, Sharifi-Mood B. Prevalence of parvovirus B19 infection in successful and unsuccessful pregnancy in Zahedan, southeast of Iran. J Med Sci 2006; 6(3): 495-497.
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- Abolghasemi H., Eshghi P.; Comprehensive **Textbook** of thalassemia. (Eds) chains genetics in thalassemia; *Miri-Moghaddam E.*, Baghiyatollah Medical Science University press 2004.
- Khazai H.A., Aghamohammadi A., Rezaei N., Nikbin B., *Miri Moghaddam E.*: Major histocompatibility complex class I and II antigens frequencies in Baloch ethnic group living in the South-East region of IRAN , Transplant Proc. 2004; 36(5):1302-4
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- Moradi A., Yaghob-Nezhad Z., Mohagheghi AH. *Miri-Moghaddam E.* [Sero-epidemiology of HTLV-1 antibody in thalassemic patients in zahedan and zabol cities in 2001] Persian. Zanjan University Med Sci Journal 2003; 11(13): 43-47.
- *Miri-Moghaddam E.*, Poorfatholah A.A. [The Prevalence of G6PD deficiency in Sistani & Baluch tribe living in the province of Sistan & Baluchestan] Persian. Modarres J Med Sci 2002; 5 (1): 129-33.
- *Miri-Moghaddam E.*, Poorfatholah A.A., Kaviani S. [Relationship of G6PD deficiency and Malaria] Persian. Pajohandeh Journal 1999; 13: 39-43.

Work & professional Experiences:

- Six years experience in Diagnostic lab. Such as Microbiology, Biochemistry, Parasitology & Hematology.
- Four years experience in teaching Lab techniques.
- Working experience in molecular techniques such as cell culture, DNA and RNA extraction, cDNA synthesis, PCR, RT-PCR, Real time PCR, western blot, Southern blot, silencing gene with siRNA, siRNA design, RFLP, SDS-page, electrophoresis & Hb Electrophoresis, ELISA
- Certificate of attendance in HLA PCR workshop from Inno-Train Company. February 2004
- Initiated the PND center at the ZUMS, which I am now the head of the center. I have performed over 4000 prenatal diagnosis of thalassemia in Zahedan PND center.
- Certificate of attended on 3rd international workshop on application of advanced molecular methods for the diagnosis of human Genetic diseases with collaboration between Kyiv

- medical academy of post diploma education named P.L. Shupyk and National Institute for Genetic Engineering and Biotechnology . Held on December 3-7, 2005 in Tehran - Iran.
- Certificate of attended the Sixth Royan International Research Awards scientific congress. September 7-9, 2005, Tehran -Iran.
 - Certificate of attended the 2nd Cancer genetic congress. December 30-2, 2006, Tehran – Iran.
 - Certificate of attended the workshop on detection of avian influenza virus by RT-PCR organized by national institute for genetic engineering and biotechnology (NIGEB) and institute for research and planning in higher education (IRPHE) 11-13 Nov 2006, Tehran, Iran.
 - Certificate of attended the workshop on introduction to advanced molecular, cytogenetic techniques: Their application in diagnosis of genetic disease, organized by national institute for genetic engineering and biotechnology (NIGEB) and institute for research and planning in higher education (IRPHE) 19-22 Nov 2006, Tehran, Iran
 - Certificate of attended the workshop on application of bio-informatics in molecular biology organized by national institute for genetic engineering and biotechnology (NIGEB) and institute for research and planning in higher education (IRPHE) 16-19 Dec 2006, Tehran, Iran.
 - Prenatal diagnosis of thalassemia in more than 5000 minor couples.

Research Works:

- ***Miri-Moghaddam E.*** Naderi M.; Prevalence and molecular identification of the most common alpha thalassemia mutations in Sistani and Balouch pre-marital couples 2011.
- ***Miri-Moghaddam E.*** Bameri Z.; Comparing Duffy gene polymorphisms among Vivax malaria patients in Balouchistan area of Iran. 2010.
- ***Miri-moghaddam E.*** Izadi S.; Causes of new thalassemia occurrences in Sistan-Balouchestan Province, Iran 2009.
- ***Miri-Moghadam E.***, Eshghi p.; Prevalence of Hemoglobinopathies (S, D, C, E, O) in Sistan & Baluchestan Province, 2004.
- Eshghi p., ***Miri-Moghadam E.***, The study of hematology index and hemoglobin electrophoresis in beta thalassemia carrier with IVS I-5 mutation in PND center of Ali Asghar Hospital, 2004. (MD thesis consultant).
- Narouie Nejad M., Niknam. ***Miri-Moghaddam E.***, The study polymorphism of inflammatory and anti inflammatory cytokines gene in normal Sistani and Baluch population, 2004.
- Mortazavi U., ***Miri-Moghadam E.***, Poor fatholah AA. Detection of G6PD variants in Southeast of Iran
- ***Miri-Moghadam E.***, Motabar M., Shahraki M.; Prevalence of G6PD in Sistan & Baluchstan province.
- Moradi A., Firozkohi M.R., ***Miri-Moghadam E.***, Mohaghagi A.; Seroepidemiology of HTLV-1 antibody in Thalasemic patients in Zabol and Zahedan cities.
- Salehi M., ***Miri-Moghaddam E.*** Seroepidemiology study of Parvovirus B19 in major thalassemic patient in Zahedan, Iran, 2002. (MD thesis consultant).

References:

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