

# **Curriculum Vitae**

## **PERSONAL INFORMATION**

First Name: Mohammad Reza

Surname: Mahdavi Amiri

Place of Birth: Sari, Iran

Date of birth: May 13th, 1960

Sex: Male

Marital status: Married with 2 children

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## **EDUCATIONAL DATA**

PhD of Medical Genetics, Tarbiat Modarres University, Iran (2016)

Doctorate of Medical Technology (DMT), Shiraz University of medical Sciences, Iran (1988-1992)

BSc., Shiraz University of medical Sciences, Iran (1978-1985)

## **MEMBERSHIPS**

1. Faculty member of Mazandaran University of medical sciences (1991- current)
2. Member of research committee of paramedical college of Mazandaran university of medical sciences
3. Member of research committee of Mazandaran University of medical sciences
4. Member of thalassemia research center
5. Member of molecular and cellular biology research committee

## **OFFERED COURSES TO MEDICAL AND PARAMEDICAL STUDENTS**

1. Blood bank
2. Quality control laboratory
3. Hematology
4. Cancer Genetics

## 5. Cytogenetic

### **PUBLISHED ARTICLES IN INTERNATIONAL JOURNALS**

- 1- Association of ABO and Colton Blood Group Gene Polymorphisms With Hematological Traits Variation. *Medicine (Baltimore)*. 2015 Dec; 94(48):e2144. Shirin Shahbazi · Amir Mashayekhi · Neda Fatahi · Mohammad-Reza Mahdavi. 2016
- 2- Is Quantitative HBsAg Measurement a Reliable Substitute for HBV DNA Quantitation? *Research in Molecular Medicine* (2015) 3 (3), 33-37. MR Mahdavi, MR Haghshenas, P Roshan, MT Hojjati, M Mahdavi, Hossein Jalali, aily Aliasgharian.
- 3-  $\beta$ -Globin gene cluster haplotypes of Hb D-Los Angeles in Mazandaran Province, Iran. *Genes & genetic systems* (2015) 90 (1), 55-57. MR Mahdavi, H Jalali, M Kosaryan, P Roshan, M Mahdavi
- 4- Alpha thalassemia gene mutations in neonates from Mazandaran, Iran, 2012. *Hematology* (2014) 19 (4), 192-195. H Jalali, MR Mahdavi, P Roshan, M Kosaryan, H Karami, M Mahdavi.
- 5- Why does the Iranian national program of screening newborns for G6PD enzyme deficiency miss a large number of affected infants? *Pediatric hematology and oncology* (2014) 31 (1), 95-100. M Kosaryan, MR Mahdavi, H Jalali, P Roshan
- 6- Evaluation of Gene Mutations Involved in Drug Resistance in Mycobacterium Tuberculosis Strains Derived from Tuberculosis Patients in Mazandaran, Iran, 2013.

International journal of molecular and cellular medicine (2014) 3 (3), 190. F Babamahmoodi, MR Mahdavi, H Jalali, B Talebi, P Roshan, M Mahdavi.

- 7- Is there any relationship between Le b antigen expression and Helicobacter pylori infection? Blood Cells, Molecules, and Diseases (2013) 51 (3), 174-176. MR Mahdavi, A Amami, T Taghvaie, P Roshan, MT Hojjati, M Mahdavi.
- 8- Prevalence of Three Common Glucose-6-Phosphate Dehydrogenase Gene Mutations in Neonates in Province of Mazandaran, North of Iran, 2012 MR Mahdavi, M Kosaryan, P Roshan, H Karami, H Jalali Int J Hum Genet 13 (3), 139-143
- 9- Detection of rare beta globin gene mutation [+ 22 5UTR (G> A)] in an infant despite prenatal screening. (2013) Case reports in hematology. MR Mahdavi, H Karami, MT Akbari, H Jalali, P Roshan
- 10- Effect of sildenafil citrate on endometrial preparation and outcome of frozen-thawed embryo transfer cycles: a randomized clinical trial RD Firouzabadi, R Davar, F Hojjat, M Mahdavi (2013) Iranian journal of reproductive medicine 11 (2), 151.
- 11- Prevalence of HTLV-I infection in patients with thalassemia major in Mazandaran, North of Iran. Jundishapur J Microbiol. (2013). Amir Reza Tafershtian, Javad Ghaffari, Mehrnosh Kowsarian, Mohammad Reza Mahdavi, Koroush Vahid Shahi.
- 12- Credibility of measurement of fructosamine and hemoglobin A1C in estimating blood glucose level of diabetic patients with thalassemia major. (2012). Open Journal of Hematology. Mehrnosh Kosaryan, Mohammad Reza Mahdavi, Ayli Aliasgharian, Masoumeh Mousavi, Payam Roshan.

- 13- Detection of Hb Setif in North Iran and the question of its origin: Iranian or multiethnic? *Hemoglobin*. 2011; 35(2):152–156. Mohammad Reza Mahdavi, Mehran Karimi, Majid Yavarian, Payam Roshan, Mehrnoush Kosaryan, and Rita Siami.
- 14- Credibility of the measurement of serum ferritin and transferrin receptor as indicators of iron deficiency anemia in hemodialysis patients. *European Review for Medical and Pharmacological Sciences*, 2011;15(10):1158-1162. Mahdavi MR, Makhoulg A, Kosaryan M, Roshan P.
- 15- Serum interleukins 6 and 8 in mild and severe asthmatic patients, is it difference? *Caspian journal of internal medicine*. 2011;2(2). Ghaffari Javad, Rafiei Ali Reza, Ajami Abolghasem, Mahdavi Mohammadreza, Hoshiar Bahareh.
- 16- Allele-specific oligonucleotide polymerase chain reaction for the determination of Rh C/c and Rh E/e antigens in thalassaemic patients. *Blood Transfusion*. 2011;9:301- Mohammad Taher Hojjati<sup>1</sup>, Nahid Einollahi<sup>1</sup>, Fariba Nabatchian<sup>1</sup>, Ali Akbar Pourfathollah<sup>2</sup>, Mohammad Reza Mahdavi.
- 17- Hemoglobin Q-Iran detected in family members from Northern Iran: a case report. *Journal of medical case reports* (2011, Mohammad Khorshidi<sup>1</sup>, Payam Roshan, Nooshin Bayat, Mohammad Reza Mahdavi, Hossein Najmabadi.
- 18- Prevalence of alloimmunization in beta thalassemia major patients, *Thalassemia Research Center, Iran*, 2010. *Blood transfusion* (2011, in press). Mehrnoush Kosaryan, Mohammad Reza Mahdavi, Mohammad Taher Hojjati, Payam Roshan.
- 19- Report of Hemoglobin J-Toronto and alpha thalassemia in a family from North of Iran. *Journal of Pakistan medical association* (2011, ). Mohammad Reza Mahdavi, Nooshin Bayat, Valeh Hadavi, Hosein Karami, Payam Roshan, Hossein Najmabadi, Hamed Rohanizadeh.

- 20- Hepatoprotective, antinociceptive and antioxidant activities of cimetidine, ranitidine and famotidine as histamine H<sub>2</sub> receptor antagonists. *Fundamental & Clinical Pharmacology*. 2011;25:72–79. Amirhossein Ahmadi, Mohammad Ali Ebrahimzadeh, Saeb Ahmad-Ashrafi, Mohammad Karami, Mohammad Reza Mahdavi, Seyed Soheil Saeedi Saravi.
- 21- Raised CA125 serum level in tubercular peritonitis: a case report. *Pakistan journal of the medical association*. *Pakistan journal of medical association*, 2011, Vol 61, No. 9. Zoleikha Atarod, Taraneh Geran-Ourimi, Fereshteh Yazdani, Mohammad Reza Mahdavi, Payam Roshan.
- 22- The efficacy of a neonatal screening programme in decreasing the hospitalization rate of patients with G6PD deficiency in southern Iran. *Journal of medical screening*. 2010 vol.17 no.2 (66-67). Nader Cohan, Mehra n Karimi, Amir Hossein Khalili, Mohammad Hossein Falahzadeh, Behrang Samadi and Mohammad Reza Mahdavi.
- 23- Prevalence of Hemoglobin alpha-Chain Gene Deletions in Neonates in North of Iran. *European journal of medical and pharmacological sciences*. *Eur Rev Med Pharmacol Sci* 2010; 14 (10): 871-875. Mohammad Reza Mahdavi, Mehrnoush Kowsarian, Hosein Karami, Ali Reza Mohseni, Kouros Vahidshahi, Payam Roshan, Mohammad Taher Hojjati.
- 24- Assessment of Coagulation State and its Related Factors in Thalassemia Intermedia Patients Referred to Thalassemia Research Center at Boali Sina Hospital Sari/IR Iran in 2007. *Pakistan Journal of Biological Sciences*. 2010, Vol. 13, Issue 9 (448- 451). H. Karami, K. Vahidshahi, M. Kosarian, H. Karami, S. Shahmohammadi, M. Dabirian, M. Vafainezhad, E. Yousefi, L. Sarparast, R. Alizade, M. Mahdavi, M.B. Hashemi.

- 25- The role of rheumatoid factor and anti-cyclic citrullinated peptide antibody in diagnosis of rheumatoid arthritis. Iranian red crescent medical journal (IRCMJ). 2010; 12(2):100-103. Mobini M, Kashi Z, Hahdavi MR.
- 26- Effect of Fe<sup>2+</sup> and Fe<sup>3+</sup> ions on human plasma cholinesterase activity. Eur Rev MedPharmacol Sci 2010; 14 (10): 897-901. M. Karami, M.A. Ebrahimzadeh, M.R. Mahdavi, A. Kazemi.
- 27- Evaluation of the Correlation between Non-Alcoholic Fatty Liver Disease and Insulin Resistance. Iranian Red Crescent Medical Journal. 2010; 12(3): 282-286. Akha O, Fakheri H, Abdi R, Mahdavi MR.
- 28- Antimicrobial susceptibility patterns to frequently isolated bacterial pathogens in Iran. Journal of cell and tissue. (2006). Ebrahimzadeh MA, Mahdavi MR, Salimi E.
- 29- Study of urine organic sulfate changes in schizophrenia by colorimetry. Iranian Journal of Psychiatry and behavioral sciences. (2010). Masoudzadeh A, Izadi J, Mohammad Reza Mahdavi, MR Zarghami, M Setareh, J Poursasghar.
- 30- Neonatal screening for G6PD deficiency in Mazandaran province, Iran 2007-2010. Iranian Journal of Blood and cancer. (2010). Shahmohammadi S, Kosari M, Nasehi MM, Karami H, Parsaii M, Mahdavi MR, Zakizadeh R.
- 31- Relationship between preterm delivery and salivary estriol level. J Mazandaran University of Medical Sciences. (2010). Soghra Khani, Kobra Abedian, Zohreh Shalhoseini, Mohammadreza Mahdavi.

- 32- Determination of effect of iron ( $\text{Fe}^{2+}$  and  $\text{Fe}^{3+}$ ) on human erythrocyte AChE Activity. Asian Journal of Chemistry. (2009). Mohammad Karami, Mohammad Ali Ebrahimzadeh, Mohammad Reza Mahdavi, Maryam Ghasami, Asieh Salarian.
- 33- Aloe versus silver sulfadiazine creams for second-degree burns: a randomized controlled study. Surg Today. 2009;39(7):587-91. Khorasani G, Hosseinimehr SJ, Azadbakht M, Zamani A, Mahdavi MR.
- 34- Hepatitis C prevalence studied by polymerase chain reaction and serological methods in haemodialysis patients in Mazandaran, Iran. Singapore Med J 2008; 49 (11):921. Makhloogh A, Jamshidi M, Mahdavi M R.
- 35- Nitroblue tetrazolium test in patients with beta-thalassemia major. Saudi Med J. 2008 Nov;29(11):1601-5. Ghaffari J, Vahidshahi K, Kosaryan M, Parvinnejad N, Mahdavi M, Karami H.
- 36- A randomized, double-blind, controlled trial of testosterone gel treatment versus vehicle control on the facial hair of young men with beta-thalassemia major. Journal of Dermatological Treatment 2007, Vol. 18, No. 5 : Pages 271-274. Majid Saeedi, Mehrnoush Kosaryan, Kiavash Fekri, Morteza Adabi, Mohamad Reza Mahdavi.
- 37- The effect of folic acid supplementation in beta thalassemia major: a randomized placebo controlled clinical trial. Arch Iranian Med 2006; 9 (3): 266 – 268. Fereidoon Mojtahedzadeh, Mehrnoush Kosaryan, Mohammad-Reza Mahdavi, Jafar Akbari.

- 38- Decline in resistance problems in some most frequently isolated bacterial pathogens to antimicrobials in Iran. *Journal of Cell and Tissue Research*. Vol. 6 (2) 803-806 (2006). Mahdavi M.R., Ebrahimzadeh M. A., Saeedi S. S, Shabani K.H.
- 39- Antibacterial Studies on Extracts of Three Species of *Glaucium* from Iran. *Pharmaceutical Biology*, Volume 43, Issue 3 April 2005, pages 234 – 236. Katayoun Morteza-Semnani; Madjid Saeedi; Mohammad Reza Mahdavi.
- 40- Hepatitis B vaccination status in health-care workers. *Indian J Gastroenterol*. 2005 Mar-Apr;24(2):82-3. Saffar MJ, Jooyan AR, Mahdavi MR\*, Khalilian AR.
- 41- Multi-resistance of some most frequently isolated bacterial pathogens to antimicrobials in Iran. *Journal of Cell and Tissue Research* Vol. 5 (2) 449-452 (2005). Ebrahimzadeh, M.A., Mahdavi, M.R.\* and Asadee, M.
- 42- Antibiotic resistance in *E. coli* isolated from urine: a 2-year study on isolates from patients with urinary tract infections in Iran. *Journal of Cell and Tissue Research* Vol. 5 (2) 445-448 (2005). Ebrahimzadeh, M.A., Mahdavee, M.R. Vahedi, M.

#### **POSTERS AND SEMINARS IN INTERNATIONAL CONFERENCES**

1. Why does the Iranian national program of screening newborns for G6PD enzyme deficiency miss a large number of affected infants? The 6th International Congress of Clinical Laboratory and Clinic. 2013
2. Fructosamine and Hb A1c measurement in patients with beta thalassemia major and diabetes mellitus, thalassemia research center. 2010. 12th International Conference on Thalassaemia and Other Haemoglobinopathies.



3. Assessment of demographic, clinical and laboratory status of patients with thalassemia major and intermedia referred to thalassemia research center in sari, iran, during 2007- 2009. 12th International Conference on Thalassaemia and Other Haemoglobinopathies.
4. Allele-specific oligonucleotide pcr in determination of rh c/c and rh e/e antigens in thalassemia patients. 12th International Conference on Thalassaemia and Other Haemoglobinopathies.
5. Antioxidant and iron ion chelating power of two medicinal mushrooms, cantharellus cibarius and pleurotus porrigens. 12th International Conference on Thalassaemia and Other Haemoglobinopathies.
6. Deferiprone plus desferrioxamine versus desferrioxamine iron chelation in beta thalassemia major, Mazandaran, Iran. 12th International Conference on Thalassaemia and Other Haemoglobinopathies.
7. Neonatal screening for hemoglobin Bart's, a preliminary report. 11th International Conference on Thalassaemia and Other Haemoglobinopathies.
8. The relationship between thalassemia major and desferrioxamine therapy and proximal tubular damage. 11th International Conference on Thalassaemia and Other Haemoglobinopathies.
9. Humoral immunity in thalassemia major (TM) patients. 11th International Conference on Thalassaemia and Other Haemoglobinopathies.
10. The effect of testosterone gel on facial hair of thalassemia patients. 10th International Conference on Thalassaemia and Other Haemoglobinopathies.