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Education:

Sep. 23 2006 -Jan. 18, 2009: **M.Sc. in Genetics**
Islamic Azad University, Science & Research Branch, Hesarak, Tehran, Iran; 1477893855

Sep. 23 2002 - Feb. 19, 2006: **B.Sc. in Cellular & Molecular Biology**
Islamic Azad University - Tonekabon Branch, Tonekabon, Iran

Research and Work Experiences:

- 1) Oct. 23 2011 - present
Lab Associate director, Researcher, Mol. Genet. Lab: Genomic Research Center, Aarabi St., Yaman Ave., Velenjak. Postal code: 1985717413, Tehran, Iran, Tel: +98(0) 21 22439959/Fax: +98(0) 21 22439961
- 2) Dec. 16 2009 – Jun. 20 2011
Research assistant: Molecular Medicine Department, Biotechnology Research Center, **Pasteur Institute of Iran (IPI)**, Pasteur St, No 69. Postal code: 1316943551, Tehran, Iran.
- 3) May. 9 2008-Sep. 22 2009
Laboratory of Medical Genetics, **National Institute of Genetic Engineering and Biotechnology (NIGEB)**, Shahrak-e Pajoohesh, km 15, Tehran - Karaj Highway, Tehran, Iran

Research Interests:

Cancer Genomics, Clinical Genetics and Genomics, High-throughput Sequencing, Multifactorial Genetic Disorder, Rare Genetic disorder

Skills and Professional Qualification:

- 1) **Primer Design, PCR-RFLP, SSCP, Tetra-ARMS PCR, ARMS-PCR, Real Time PCR, Sequencing Analyses, DNA & RNA extraction, DNA recovery, cDNA synthesis, RT-PCR, Electrophoresis (Agarose, PAGE), SDS-PAGE, Isolation of chorionic villi from maternal tissue, Bioinformatics.**

Publications in national and international journals:

- 1) **F Hashemi-Gorji, S Ghafouri-Fard, S Salehpour, M Miryounesia, VR Yassaee. A novel splice site mutation in *GNPTAB* gene in an Iranian patient with mucopolidosis II alpha/beta.** Journal of Pediatric Endocrinology and Metabolism (JPEM). 2016.
- 2) **SM Seyedhassani, F Hashemi-Gorji, M Yavari, F Harazi, VR Yassaee. Novel *FKBP10* mutation in a patient with osteogenesis imperfecta type XI.** Fetal and Pediatric Pathology. 2016.
- 3) **VR Yassaee, Z Soltani, Z Ravesh, F Hashemi-Gorji, SM Poorhosseini, R Anbiaee, A Joulaee. Mutation Spectra of *BRCA* Genes in Iranian Women with Early Onset Breast Cancer, 15 years' Experience.** Asian Pac J Cancer Prev. 2016;17 Spec No.:149-53.
- 4) **SM Poorhosseini, M Hashemi-Bahremani, Z Ravesh, F Hashemi-Gorji, VR Yassaee. New gene profiling in determination of breast cancer recurrence and prognosis in Iranian women.** Asian Pac J Cancer Prev. 2016;17 Spec No.:155-60.
- 5) **VR Yassaee, F Hashemi-Gorji, S Boosaliki, N Parvaneh. Mutation Spectra of the *ITGB2* Gene in Iranian Families with Leukocyte Adhesion Deficiency Type 1.** Human Immunology 2015; 77:191-195.
- 6) **VR Yassaee, A Khojasteh, F Hashemi-Gorji, Z Ravesh, PToossi. A novel homozygous *LMNA* mutation (p.Met540Ile) causes Mandibuloacral Dysplasia type A.** Gene 2015; 577(1):8-1371.
- 7) **Z Soltani, F Karami, V Yassaee, F Hashemi-Gorji, M Talebzadeh, M Miryounesi. First Case Report of *EX3del4765* Mutation in *PAH* Gene in Asian Population.** Iranian Red Crescent Medical Journal 2016.
- 8) **K Forouzanfar, M Seifi, F Hashemi-Gorji, V Karimi, MA Estiar, M Karimoei, E Sakhinia, M Karimipour and R Ghergherehchi. Mutation Analysis of the *CYP21A2* Gene in congenital adrenal hyperplasia.** Cell. Mol. Biol. 2015; 61 (4): 51-55.
- 9) **SM Seyedhassani, F Hashemi-Gorji, M Yavari, R Mirfakhraie. Novel missense mutation in the *GALNS* gene in an affected patient with severe form of mucopolysaccharidosis type IVA.** Clin Chim Acta. 2015; 450:121-124.
- 10) **D Zare-Abdollahi, S Safari, A Movafagh, S Riazi-Isfahani, M Ghadyani M, F Hashemi-Gorji, MF Nasrollahi, MD Omrani. A mutational and expressional analysis of *DNMT3A* in acute myeloid leukemia cytogenetic subgroups.** Hematology. 2015; 20(7).
- 11) **VR Yassaee, F Hashemi-Gorji, Z Soltani, SM Poorhosseini; A New approach in molecular diagnosis of TAR syndrome.** Clinical Biochemistry 2014; 47(9): 835–839.

- 12) **F Hashemi-Gorji**, M Hamid, A Arab, A Amirian, S Zeinali, M Karimipoor. **Relationship between DNA polymorphisms at the *BCL11A* and *HBS1L-MYB* loci in β -Thalassemia patients with increased fetal hemoglobin levels.** Sci J Iran Blood Transfus Organ 2011; 8(3):149-157
- 13) P Atef Vahi, MR Alivand, **F Hashemi-Gorji**, M Hashemi, MR Noori Dalooi. **Frequency of TNF α -244G>A, TNF α -308G>A and TNF α -238G>A polymorphisms in healthy and malaria infected patients of Kerman and Hormozgan provinces.** Medical Science Journal of Islamic Azad University 2011; 21(1):18-23. (In Persian)
- 14) SM Seyedhassani, M Houshmand, SM Kalantar, A Aflatoonian, G Modabber, **F Hashemi-Gorji** and Z Hadipour. **BAX Pro-apoptotic Gene Alterations in Repeated Pregnancy Loss.** Arch Med Sci 2011; 7(1): 117-122.
- 15) R Mirfakhraie, SM Kalantar, F Mirzajani, M Montazeri, N Salsabili, M Houshmand, **F Hashemi-Gorji**, and G Pourmand; **A novel mutation in the transactivation-regulating domain of the androgen receptor in a patient with azoospermia.** Journal of Andrology 2011; 32(4):367-70.
- 16) MR Noori-dalooi, MR Alivand, P Atef-Vahid, **F Hashemi-Gorji**, M Hashemi. **Polymorphism analysis of malaria susceptibility biomarkers in G6PD deficiency patients.** The Medical Journal of the Islamic Republic of Iran (MJIRI) 2010;24(2):57-66.
- 17) **F Hashemi-Gorji**, MR Alivand, P Atef Vahid, M Hashemi, R Salehi, M Salehi, S Azimi, and MR Nouri Deloui. **Study of glucose-6-phosphate dehydrogenase (*G6PD*) gene mutations in patients with G6PD deficiency of Fars and Esfahan provinces.** Medical Sciences Journal 2009;19:280-286.(In Persian)
- 18) MR Noori-Dalooi, **F Hashemi-Gorji**, MR Alivand, M Hashemi, R Mirfakhraie, P Atef-vahid, M Salehi, R Salehi, and C Azimi. **Molecular identification of the most prevalent mutations of glucose-6-phosphate dehydrogenase (*G6PD*) in Fars and Isfahan of Iran.** Journal of Sciences, Islamic Republic of Iran 2009; 20(3): 221-225.
- 19) SM Seyedhassani, M Houshmand, SM Kalantar, **F Hashemi-Gorji**, A Aflatoonian. **Role of Mitochondria in Repeated Pregnancy Loss.** Published by Royan Institute, Iran. Yakhteh Medical Journal (The Cell), Vol 11, Supplement 1, autumn 2009, ISSN: 1561-4921. eISSN: 1735-8086.

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