CURRICULUM VITA

PERSONAL INFORMATIONS:

NAME:	Mona Entezam
GENDER:	Female
PLACE OF BIRTH:	Shiraz-Iran
TELL:	0098-71-32349610
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EDUCATIONS:

PhD.	Medical Genetics. Tehran University of Medical Science; Tehran-Iran (Feb 2011-Jun 2016)
MSc.	Genetics. Shahid Beheshti University; Tehran-Iran (Oct 2005-Feb 2008)
BSc.	Cellular and molecular biology. Shiraz University; Shiraz-Iran (Oct 2000-july 2004)

EXTRA EDUCATION:

English. Iran Language Institute (1993-1997)

AWARDS/ HONORS:

Distinguished student during PhD period for the highest score in the comprehensive exam (2013)

Ministry of health award for the highest score in the PhD entrance exam (2011)

WORK EXPERIENCES:

Transplant Research Center, Shiraz University of Medical Science, Shiraz-Iran (Oct.2004 - oct.2005)

Medical Genetics Department, Shiraz University of Medical Sciences, Shiraz-Iran (Apr 2008- Feb 2011)

Watson Genetic Laboratory, Tehran, Iran (2016-2017)

WORKSHOP ORGANIZING/ LECTURER:

Advanced Workshop on Clinical Cytogenetics, Tehran University of Medical Science; Tehran-Iran (Apr 2014)

NGS, Introduction Clinical/Diagnostic and Research Applications, Pishgam Biotech Company with collaboration of BGI (Nov 2015)

Introduction to Molecular Methods, Iranian Society of Pathology; Tehran-Iran (Jan 2014)

EXPRIMENTAL SKILLS:

- NGS data analysis (human Panels/ WES)
- Cytogenetics, human karyotyping
- Common used molecular biology methods:
  - DNA extraction from blood and tissue
  - RNA extraction
  - Polymerase Chain Reaction (PCR)
- Real Time PCR
- Cloning
- Cell Culture
- ELISA assay

PROJECT ASSIGNMENT:

Anticardiolipin antibodies in children with acute lymphoblastic leukemia: prevalence and clinical significance, Transplant research center (2004)

Relationship between HHV-6 viruses and multiple sclerosis disease, Transplant research center (2004)

Association between genes promoter hypermethylation and breast cancer (2007)

Relationship between Serotonin transporter gene polymorphism and MI disease (2008)

Mutation analysis of phenylalanine hydroxilase (PAH) gene in South Iranian phenylketonuria patients (2009)

Genetic analysis and characterization of SpinoCerebral Ataxia (SCA) disease in Iranian pedigrees (2012)

Genetic analysis of PKD1 and PKD2 loci in Iranian autosomal dominant polycystic Kidney disease families by Linkage analysis or DNA sequencing (2013-2016)

PUBLICATIONS:

1. Zeinab Jamali, Mortaza Taheri-Anganeh, Mona Entezam (2020) Prediction of potential deleterious Nonsynonymous Single Nucleotide Polymorphisms of HIF1A Gene: A computational Approach. Computational Biology and Chemistry, Available online 30 July 2020, 107354

2. Tabei, F.S., Tabei, S.S., Asadian, F., (et al) , Entezam, M., Fardaei, M. (2020) Genetic analysis of Usher syndrome associated genes in Iranian pedigrees: The prominent role of MYO7A gene. Gene Reports, 18,100535

3. Entezam, M., Razipour, M., Talebi, S., Beiraghi Toosi, M., Keramatipour, M. (2019) Multi affected pedigree with congenital microcephaly: WES revealed PNKP gene mutation. Brain and Development, 41(2), pp. 182-186

4. Saberi, M., Golchehre, Z., Karamzade, A., Entezam M., (et al), Jafari, H.K., Keramatipour, M. (2019) CRB1-Related leber congenital amaurosis: Reporting novel pathogenic variants and a brief review on mutations spectrum. Iranian Biomedical Journal, 23(5), pp. 362-368

5. Razipour M, Alavinejad E, Sajedi SZ, Talebi S, Entezam M, et al. (2017) Genetic study of the PAH locus in the Iranian population: familial gene mutations and minihaplotypes. Metab Brain Dis. 2017 Oct;32(5):1685-1691

6. Alavinejad E, Sajedi SZ, Razipour M, Entezam M, Mohajer N, Setoodeh A, Talebi S, Keramatipour M. (2017) A novel variant in the PAH gene casing Phenylketonuria in an Iranian pedigree. Avicenna Journal of Medical Biotechnology, 9(3), pp. 146-149

7. Entezam M, Khatami MR, Saddadi F, Ayati M, Roozbeh J, Saghafi H, Keramatipour M. (2016) Genetic analysis of Iranian autosomal dominant polycystic kidney disease: new insight to haplotype analysis. Cell Mol Biol (Noisy-le-grand). Feb 4;62(2):15-20

8. Entezam M, Khatami MR, Saddadi F, Ayati M, Roozbeh J, Keramatipour M. (June 2016) PKD2 mutation in an Iranian autosomal dominant polycystic kidney disease family with misleading linkage analysis data .Kidney Research and Clinical Practice, Volume 35, Issue 2, 96-101

9. Talebi S, Entezam M, Mohajer N, Kazemi-sefat G.E, Razipour M, Ahmadloo S, Setoodeh A, Keramatipour M. (2016) An Efficient Trio-Based Mini-Haplotyping Method for Genetic Diagnosis of Phenylketonuria. Cell Journal (Yakhteh), Volume 18 , Number 2, Jul-Sep (Summer), Serial Number: 70

10. Rahideh ST, Shidfar F, Nourbakhsh M, Hoseini M, Koohdani F, Entezam M, Keramatipour M. (2016) The individual or combinational effects of Hesperetin and Letrozole on the activity and expression of aromatase in MCF-7 cells. Cell Mol Biol (Noisy-le-grand). May 30;62(6):38-43.

11. Entezam M, Amirfiroozi A, Togha M, Keramatipour M (2015) Comparison of Different PCR-based Methods for Detection of GAA Expansions in Frataxin Gene. (In Press) , Iranian Journal of Public Health

12. Tabei, S.M.B., Nariman, A., Daliri, K., Sefidbakht, S., Entezam, M. et al. (2015) Simple renal cysts and hypertension are associated with angiotensinogen (AGT) gene variant in Shiraz population (Iran). JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 16(2), pp. 409-414

13. BehbahaniB., Mojiri M., Entezam M., Pouransari M.(2010) Human Herpesvirus-6 Viral Load and Antibody Titer in Serum samples of Patients with Multiple Sclerosis; JMII01-09-075

14. Rasti M., Tavasoli P., Monabati A., Entezam M.(2009)Association between HIC1 and RASSF1A Promoter Hypermethylation with MTHFD1 G1958A Polymorphism and Clinicopathological Features of Breast Cancer in Iranian Patients. Iranian Biomedical Journal 13 (4): 133-140.

15. Entezam M., Rasti M., Monabati A. (2007)E-cadherin/Estrogen Receptor gene promoter hypermethylation among Iranian sporadic breast cancer, Archives of Iranian Medicine; 10 (4): 214.

16. BehbahaniB., Entezam M., Mojiri M., Pouransari M.(2007) Incidence of Human Herpes Virus-6 and Human CytomegaloVirus infections in donated Bone Marrow and Umbelical Cord Blood Hematopoietic stem cells; IJMM (07): 177.

POSTERS AND PRESENTATIONS:

M. Keramatipour, Z. Golchehre, D. Kooshavar, A. Karamzade, M. Razipour, M. Entezam, M. Saberi (2016) Bardet Biedl syndrome shows a distinctive genetic epidemiology in Iran: targeted next generation sequencing revealed 15 novel mutations in 6 genes previously reported for the disease. ESHG/ EMPAG, Barcelona, Spain

D. Kooshavar, M. Razipour, M. Entezam, A. Karamzade, M. Saberi, M. Keramatipour (2016) Targeted next generation sequencing identified a novel mutation in MYO7A causing Usher syndrome in an Iranian consanguineous pedigree. ESHG/ EMPAG, Barcelona, Spain

M. Entezam, M. R. Khatami, F. Saddadi, M. Ayati, J. Roozbeh, M. Keramatipour (2016) Evaluating a multiplex strategy for genetic testing of Autosomal Dominant Polycystic Kidney Disease. The 8th International Iranian Congress of Laboratory and Clinic, Tehran, Iran

M. Entezam, F. Ghannadi, M. Keramatipour (2015) Next generation sequencing in genetic diagnosis of neurofibromatosis. The 1th Studentship Congress of Rare Genetic Disorders. ***The best lecturer award***

Rasti M., Entezam M., Tavassoli P.,(2011)Aberrant methylation of CDH1, ESRα, HIC1 and RASSF1A genes and their association with major clinicopathological features of breast cancer in Iranian patients.11th Iranian Congress of Biochemistry and Molecular Biology, Qazvin,Iran

Takhshid MA., Tabei S.M.B., Kojuri J., Entezam M. (2009)Serotonin transporter gene polymorphism and myocardial infarction in the Iranian population. The 10th Iranian congress of Biochemistry & the 3rd international congress of Biochemistry and Molecular Biology,Tehran,Iran.

Behbahani B., Mikaeili M.H., Entezam M., Mojiri M.(2006) Human Herpes Virus-6 DNA in serum samples of the patients with Multiple Sclerosis in Southwest of Iran. 5th international conference on HHV-6 & 7.Barcelona/ Spain.