



1. Personal and Contact Information:

First and Last Name: Hamidreza Khodadadi

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Fax Number:

Date of Birth: 1978-6-26

Marital Status: Married

2. Education:

BSc: (Field of Study, Name of University, Year Graduated)

BSc Thesis: (Title, Supervisor, Advisors)

Laboratory Science, Tabriz University of Medical Sciences, Tabriz, Iran ,2008

MSc: (Field of Study, Name of University, Year Graduated)

MSc Thesis: (Title, Supervisor, Advisors)

Human Genetic, Babol University of Medical Sciences , Babol, Iran, 2013

Molecular analysis of vitamin D receptor gene polymorphisms rs2228570 (FokI) and rs1544410 (BsmI) in patients with Behcet's Disease

Supervisor: Dr.seyed Mohamad Hosein Ghaderian/Dr.Ebrahim Sakhi Nia

Advisor:Dr.Alireza Khabbazi

PhD: (Field of Study, Name of University, Year Graduated)

PhD Thesis: (Title, Supervisor, Advisors)

Medical Genetic, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2017

Genetic analysis of Iranian families with intellectual disability associated with movement disorders.

Supervisor: Dr.Hosein Darvish/Dr.Mir Davod Omrani

Advisor: Dr.Masood Garshasbi/Dr.Abbas Tafakhori

MD: (Field of Study, Name of University, Year Graduated)

MD Thesis: (Title, Supervisor, Advisors)

Resident: (Field of Study, Name of University, Year Graduated)

Resident Thesis: (Title, Supervisor, Advisors)

Fellowship: (Field of Study, Name of University, Year Graduated)

Fellowship Thesis: (Title, Supervisor, Advisors)

3. Awards & Honors:

4. Scientific Position:

1. Associated professor of medical genetics, Lorestan University of Medical Sciences (2020 – Present)

5. Executive Position:

Head of MADAR Medical Genetics Diagnostic Center

6. Teaching Experiences:

Teaching Medical Genetics in Lorestan University of Medical Sciences

7. Clinical Experiences:

Head of MADAR Medical Genetics Diagnostic Center since 2017

8. Research Field:

Neuro science

9. Grants:

10. Supervisor:

11. Advisor:

Identification of mutations in the phenylalanine hydroxylase gene in patients with phenylketonuria in Lorestan province

12. Papers:

English:

- 1- **Khodadadi H**, Azcona LJ, Aghamollaii V, Omrani MD, Garshasbi M, Taghavi S, Tafakhori A, Shahidi GA, Jamshidi J, Darvish H, Paisán-Ruiz C ,PTRHD1 (C2orf79) Mutations Lead to Autosomal-Recessive Intellectual Disability and Parkinsonism., *Movement Disorders*, Vol. 32, No. 2, 2017
- 2- Inlora J, Sailani MR1, **Khodadadi H**, Teymurinezhad A, Takahashi S, Bernstein JA, Garshasbi M, Snyder MP6 . Identification of a novel mutation in APTX gene associated with Ataxia-oculomotor apraxia..*Cold Spring Harb Mol Case Stud*. 2017 Jun 26. pii: mcs.a002014. doi: 10.1101/mcs.a002014.
- 3- Hosseini A, Shanehbandi D, Estiar MA, Gholizadeh S, Khabbazi A, **Khodadadi H**, Sakhinia E, Babaloo Z . A Single Nucleotide Polymorphism in the FOXP3 Gene Associated with Behçet's Disease in an Iranian Population.*Clin Lab*. 2015;61(12):1897-903.
- 4- Kolahi, A Khabbazi, **H Khodadadi**, MA Estiar, H Hajjaliloo, L Emrahi, E Sakhinia, *Scand J . Vitamine D receptor gene polymorphisms in Iranian Azary patients with Behcet's Disease.S Rheumatol ; 2014,1-5*
- 5- **H Khodadadi**, A Khabazi, S Ghaderian, H Niaki, M Estiar, L Emrahi, , Ebrahim Sakhinia . Molecular analysis of vitamin D receptor gene polymorphisms rs2228570 (FokI) and rs1544410 (BsmI) in patients with Behcet's Disease, ; *Life Science Journal* 2013;10(4)
- 6- **H Khodadadi**, L Emrahi, M Estiar, E Sakhinia, S Ghaderian . Expression of Human Toll-Like Receptor Genes and Vitamin D Receptor Gene Variants in Behçet's Disease, , *NATIONALPARK-FORSCHUNG IN DER SCHWEIZ (Switzerland Research Park Journal)*, Vol 102, No 12 (2013)

Persian:

13.Books (Compilation, Translation, Conflation):

- 1- **Male Germline Stem Cells : Developmental and Regenerative Potential**

Supervisor : Dr Mir davood Omrani

Dept.of Human Genetics

Shahid Beheshti university of Medical sciences

Authors and Translators :

Hamidreza khodadadi , Romina dastmalchi , Somaye zamani , Sara Omrani , Mahnaz seif
, Roshanak Shams , Zahra Fazeli ,Pega Lorki. 2015

14.Articles presented at national and international congresses and conferences (Oral, Poster):

15.Workshops (Teaching, Presence):

16. Inventions and Inventions:

Found new candidate gene cause of intellectual disability associated with parkinsonism

17. Research Projects (Executor, Collaborator):

Identification of mutations in the phenylalanine hydroxylase gene in patients with phenylketonuria in Lorestan province

18.Reviewer of National and International Scientific Journals:

19.Editorial Board of Medical Journals:

20.Membership in Scientific Associations:

21.General Skills:

Lab skills:

- 1) Lymphocyte and Amniotic fluid Culture, harvesting and Slide preparation in Cytogenetic Ward and distinguish chromosomes with each other .
[Cell culture (Blood, Amniotic fluid, Karyotyping, Cell Harvest and Banding, Chromosome analysis)].
- 2) Prenatal and postnatal diagnoses of disease e.g.
Thalassemias , Hemoglobinopathies and Spinal muscular atrophy
- 3) Mutation detection techniques, (MLPA , QF, SSCP, ARMS, long- ranged, Multiplex and RFLP -PCR)
- 4) Gene Cloning
- 5) Routine bacterial cell culture technique (bacterial cultivation, preparation and transformation of competent cells)
- 6) Biochemistry routines (automatic analyser operation)
- 7) Hematology routines (Microscopy and Cell counter operation)
- 8) Serology routines
- 9) Hormone routines
- 10) Urine Analysis (microscopy)
- 11) Blood Banking routines

Computer Skills :

- 1) Next-generation Sequencing (NGS) data analysis
- 2) DNA Sequence analysis (Assembly , Alignment & Mutation detection)
- 3) General Computer skills and ICDL skills with **Linux & Windows** operating systems

Bioinformatics analysis & Statistical Computing using R software environment

22.General interests: