1. Personal and Contact Information:

First and Last Name: Hamidreza Khodadadi

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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 Hajialiloo, 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 Analaysis (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: