

PERSONAL
INFORMATION

Sahereh Rahnavard

+9809917753329

Sa.rahnavard@gmail.com

EDUCATION

2005- 2009

Bachelor of Biology
Falavarjan Azad University, Isfahan, Iran

MAJOR GPA: ... (out of 4)

2011- 2013

Master of Molecular Genetics
Ahar Azad University, Ahar, Iran
Thesis: Analysis of methylation status in the promoter region of the
DYT1 gene in Dystonia patients in comparison with normal
individuals.
Supervisor: Dr. Mohammad Hamid

Course Focus

Cytogenetic	../20
Molecular Genetic	../20
Cancer	../20
Immunogenetics	../20
Bioinformatic	../20

MAJOR GPA: ... (out of 4)

RESEARCH
INTERESTS

- Cancer Biology
- Bioinformatic
- Cytogenetic
- Cell Culture
- Immunogenetics

PUBLICATIONS

a)

Title: *Overexpression of HPRT1 is associated with poor prognosis in head and neck squamous cell carcinoma* (FEBS Open Bio - Manuscript ID FEBSOPEN-20-1165.R1. manuscript ID is FEBSOPEN-20-1165.R1)

b)

Title: *Whole Exome Sequencing identified a novel pathogenic RET variant with high variable expressivity in an extended pedigree with Hirschsprung Disease.*

Writing with Department of Medical Genetics and Molecular Biology, Faculty of Medicine,
Iran University of Medic

Addresses for Correspondence: Maryam Abiri, PhD, Tel.: +989123838328, E-mail address:
Abiri.m@iums.ac.ir

c)

Title: *Quantitative evaluation of DYT1 promoter methylation in Dystonia patients.*

(accepted by: Health Biotechnology and Biopharma (2020), 4(3): 19-27 DOI: 10.22034/HBB.2020.15 Received:
October 10, 2020; Accepted: October 20, 2020).

d)

Title: *Investigating kinship in primary Dystonia patients without mutation in DYT1 gene in Iran.*

(accepted by: IIOAB Journal, ISSN:0976-3104, Published on: 25th– Sept-2016 IIOABJ | Vol. 7 | Suppl 3 | 291-294).

e)

Title: *Distribution of disease in the body in the absence of mutations in DYT1 dystonia patients.*

(Advances in Environmental Biology, 8(11) Special 2014, Pages: 135-145. ISSN:19950756 EISSN: 1998-1066).

f)

Title: *Evaluating Age and Gender of Iranian Dystonia patients with no Mutation in DYT1 Gene,*

WORK EXPERIENCES

- ۲۰۱۲-۲۰۱۵, teaching assistantship for Teaching molecular Techniques, at Pasteur Institute of Iran
- 2016- 2018, Internal manager and lecturer at Ogene institution, Iran

INTERNSHIPS

- Screening for fetal abnormalities in pregnant Women: Double, Triple, and Quadruple markers, and ultrasound.
At (International congress on Quality Improvement in Clinical Laboratories).
- **26-28 May 2014**
Investigate the relationship between the patients with and without mutations in DYT1 dystonia in Iran at International Congress, University Shahid Beheshti
- **27-29 Jan 2014**
Evaluating Age and Gender of Iranian Dystonia patients with no Mutation in DYT1 Gene at National Congress of Neurogenetic in Iran, Yazd, Medical University,
- **26 May 2013**
Analysis of methylation status in the promoter region of DYT1 gene in Dystonia patients in comparison with normal individuals at the National Congress of Genetics in Iran, the Children's Medical Center in Imam Khomeini Hospital,
- **Dec.2009**
Effect of disinfectants on microorganisms at Internal Congress in Falavarjan University,
- **Mar.2013**
Restriction Fragments Length Polymorphism at the University of Azerbaijan sharghy
- **Mar.2012**
Bioinformatics Workshop at Iranian Molecular Medicine Network, institute Pasteur Iran,
- **July.2012**
DNA methylation Analysis in cancer at Iranian Molecular Medicine Network, institute Pasteur Iran,
- **Dec.2011**
Mesenchymal Stem Cells Culture at Training Program, at the Laboratory of Molecular Genetics, University of Tabriz
- **July.2010**
extraction and purification of DNA & PCR at Workshop in the University of Falavarjan.

CERTIFICATES

- Screening for fetal abnormalities in pregnant Women: Double, Triple, and Quadruple markers, and ultrasound.
At (International congress on Quality Improvement in Clinical Laboratories).
- **26-28 May 2014**
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- **July.2010**
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SKILLS

Job-related Software Skills

Microsoft Office	Professional
NCBI Website	Intermediate
WordPress	Professional
Canva	Intermediate

Job-related Skills: Molecular Techniques: **PCR, RNA Extraction, DNA Extraction, Primer Design, Real-Time PCR, Cell Culture, Analyzing Sanger Sequence, QF PCR**

LANGUAGE PROFICIENCY

Mother tongue: Persian (Farsi)

Other languages: English

my IELTS exam:

REFERENCES

- **Supervisor:** Dr. Mohammad Hamid
- **Affiliation:** Assistant Professor of Molecular Genetics at Institute Pasteur Iran
- **Email:** Hamid143@yahoo.com
- **Referee 1:** Dr. Fatemeh Nabipour
- **Affiliation:** A specialist in clinical pathology and surgery at Kerman University of Medical Sciences
- **Email:** F_nabipour@kmu.ac.ir

HONORS

- 2nd place in Math Student Olympiad 2019
- First place in Physics student Olympiad 2019