

Curriculum Vitae



Personal Information

Sahar Mehranfar

MD-Ph.D. of molecular medicine & Assistant Professor Genetic & immunology Department
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Education

2017- Present **Assistant Professor** in Medical Genetic Department of Urmia University of Medical Science.

2011- 2017 **PhD Candidate** in Molecular Medicine, Department of Molecular Medicine, Faculty of Advanced Medicine, Tabriz University of Medical Science, Tabriz, Iran.

PhD Thesis title: Application of Molecular Techniques MLPA, PCR for the Detection of Molecular Changes in Patients with Acute Lymphoid Leukemia.

1999- 2006 **Medical Doctor**, School of Medicine, Urmia University of Medical Sciences, Urmia, Iran.

MD Thesis title: Investigating factors affecting the delay in the referral and treatment of cancer patients referred to the blood & oncology section of children and adolescents.

1994- 1998 **Diploma in Biology**, Talent high school, Urmia, Iran.

Courses

2016 CRISPR technology course, June 2016, Tabriz, Iran.

2014 MIPA (Multiplex Ligation-dependent Probe Amplification) method course, Sep2014, Tehran, Iran.

2013 Endnote course Jan 2013, Tabriz, Iran.

2012 Primer design, Nov 2012, Tabriz, Iran.

2012 Bioinformatics and search strategy, Sep & Oct 2012. Tabriz, Iran.

2011 real- time PCR course, Dec 2011, Tabriz, Iran.

Skills

- DNA & RNA extract from human cells and cDNA synthesis.
- Real-time PCR and analysis results.
- MLPA method and analysis results with Gene marker.
- Cell culture

- **Computer:** Familiar with: MS Windows, MS Word, MS PowerPoint, MS Excel, Internet

Language

- Farsi (Native)
- English
- Turkish
- Azeri

Positions & Professional Experiences

2017 - Present **Assistant Professor**, Cellular and Molecular Research Center, Genetic Department, Faculty of Medicine, Urmia University of Medical Science, Urmia, Iran.

2022- Present **Vice-Chancellor of Faculty of Medicine**

2018- Present **Head of the Faculty's Student Research Committee**

2020-Present **Member of EDO, EDC**

2018- Present **Member of the University Research Council**

2012 - 2017 **PhD Candidates in Molecular Medicine**, Molecular Medicine Department, Faculty of Advanced Medical Science, Tabriz University of Medical Science, Tabriz, Iran.

2005- 2010 **Researcher and Family Physician** in Urmia Healthcare Network, Urmia, Iran.

2008-2010 Tree semester teaching in Urmia Azad University and Kamal Urmia University.

2010- 2012 **Dean and Donor Physician** of the Blood Transfusion Organization in Khoy City, Western Azerbaijan, Iran.

1998- 2005 **Medical Student** at Urmia University of Medical Science, Urmia, Iran.

1990-1997 **Student** at SAMPSD schools (School for Talent students).

Awards:

- Award from city government and other city organs when I was dean of blood transfusion organization
- Awards from my University and high school for my activities and top students
- Recognitions for Leadership at the Blood Transfusion Organization

Publications

Google scholar link:

<https://scholar.google.com/citations?user=U40uJ1MAAAAJ&hl=en>

International:

2017 Mehranfar S, Naser Samadi, Sirous Zeinali, Abbasali Hosein Pour Feizi. **Frequency of Common Genes Copy Number Abnormalities in childhood Acute Lymphoblastic Leukemia.** Impress

2017 Mehranfar S, Naser Samadi, Sirous Zeinali, Abbasali Hosein Pour Feizi. **A Comparison of MLPA and qPCR for Screening PAX5 Mutations.** Bioscience, Biotechnology Research Communications, 2017-05-23.

2016 Mehranfar S, Sirous Zeinali, Rana Hosseini, Mozhdeh Mohammadian, Abolfazl Akbarzadeh, Abbasali Hosein Pour Feizi. **History of Leukemia: Diagnosis and Treatment from Beginning to Now**, Galen Medical Journal, 2016-11-02.

2010 Help in translating a book entitled “Quantum mechanics”.

2011 Help in translation a book entitled “Molecular Medicine” it is not published.

2011 Dr Masoud Ghorbanalipour , Dr Akbar Soleimannejad, Dr Sahar Mehranfar. Hypochondriacal thought in patients with anxiety disorders and major depression. J Urmia Univ Med Sci 2011, 22(3): 223-229.

PAPERS:

The use of stromal vascular fraction (SVF), platelet-rich plasma (PRP) and stem cells in the treatment of osteoarthritis: an overview of clinical trials

S Mehranfar, I Abdi Rad, E Mostafavi, A Akbarzadeh

Artificial cells, nanomedicine, and biotechnology 47 (1), 882-890

Myeloid-derived suppressor cells and tumor: Current knowledge and future perspectives

E Safari, S Ghorghanlu, H Ahmadi-khiavi, S Mehranfar, R Rezaei, ...

Journal of cellular physiology 234 (7), 9966-9981

Electrochemical nano-biosensors as novel approach for the detection of lung cancer-related MicroRNAs

R Sheervalilou, O Shahraki, L Hasanifard, M Shirvaliloo, S Mehranfar, ...

Current Molecular Medicine 20 (1), 13-35

Association between IL7 Receptor Alpha (IL7ra) gene rs6897932 polymorphism and the risk of Multiple Sclerosis: A meta-regression and meta-analysis.

M Omraninava, S Mehranfar, P Vahedi, B Razi, D Imani, S Aslani, ...

Multiple sclerosis and related disorders 48, 102687

Evaluation of diagnostic modalities for SARS-Cov-2: A review study

R Sheervalilou, J Ahmadzadeh, S Alavi, K Mobaraki, S Sargazi, ...

Epidemiology and Health System Journal 8 (3), 129-137

The effects of evening primrose/hemp seed oil compared to rapamycin on the gene expression of immunological parameters in experimental autoimmune encephalomyelitis splenocytes

S Rezapour-Firouzi, M Mohammadian, M Sadeghzadeh, S Mehranfar, ...

Iranian Journal of Allergy, Asthma and Immunology

Systematic review and meta-analytic findings on the association between killer-cell immunoglobulin-like receptor genes and susceptibility to pulmonary tuberculosis

M Omraninava, S Mehranfar, A Khosrojerdi, S Jamalzehi, J Karami, ...

Pathogens and global health 115 (1), 61-69

DELAYS IN INITIAL REFERRAL, DIAGNOSIS AND TREATMENT IN CHILDREN WITH CANCER

SM Abbasali Hosein POURFEIZI, Rana HOSSEINI, Roghayeh SHEERVALILOU

Journal of Istanbul Medical Faculty 83 (3), 259 - 266

Comparison of multiplex ligation-dependent probe amplification and qPCR for screening PAX5 gene detection in acute lymphoblastic leukemia

S Mehranfar, S Zeniali, N Samadi, NM Sadeghi, AHP Feizi

***Plasminogen Activator Inhibitor-1* Polymorphisms and Risk of Coronary Artery Disease: Evidence From Meta Analysis and Trial Sequential Analysis**

S Tabaei, M Omraninava, S Mehranfar, M Motallebnezhad, SS Tabaei

Biochemical Genetics 60 (5), 1409-1445

Frequency and Correlation of Common Genes Copy Number Alterations in Childhood Acute Lymphoblastic Leukemia with Prognosis

AHP Feizi, S Zeinali, J Toporski, R Sheervalilou, S Mehranfar

Asian Pacific journal of cancer prevention: APJCP 21 (12), 3493

Relevance Changes in Genes Involved in Acute Lymphoblastic Leukemia Patients

S Mehranfar, A Barzegari, N Sozangar, N Samadi, AH Feizi, S Zeinali

PEDIATRIC BLOOD & CANCER 63, S113-S113

Application of new methods to DNA methylation analysis

N Soozangar, F Jeddi, MR Sadeghi, S Mehranfar, N Samadi

MOLECULAR IDENTIFICATION, ANTI BIOTIC RESISTANCE PROFILE OF SHIGA TOXIN-PRODUCING ESCHERICHIA COLI (STEC) AND ANTIBACTERIAL ACTIVITY OF ZATARIA MULTIFLORA (BOISS) AND CARUM ...

G Javanmard, elmira Javanmardi, ehsan Saboory, ...

Lectures and poster presentation

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|------|---|
| 2013 | Third Congress of New Laboratory Technologies. Tehran. Iran Sep 2013 |
| 2014 | Third Congress of Molecular Medicine. Isfahan, Iran. Feb 2014 |
| 2016 | SIOP congress, Dublin, Ireland, Oct 2016 |
| 2015 | 8th APOCP Regional Conference (Cancer Control in West Asia), Nov 2015 |

Research Interest

- Human DNA, cDNA Banking
- Personalized Medicine
- Translation of basic research into clinical application
- Early diagnosis cancer specially leukemia

Research Projects

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|-----------|---|
| 2013-2015 | Study of common translocation by molecular method pcr in pediatric with acute lymphoid leukemia. Supported by Student Research Committee. Tabriz, Iran. |
| 2007-2009 | Project collaborator” study of relation BMI and depression in high school student in Khoy city from 2007 to 2008“. |

Membership

2005	Member of iranain Medical Society
2010	Member of Iranian Molecular Medicine Society
2011	Member of Iranian Genetic Society
2011	Membership in National Hematology and Oncology Society
2012	Member of American Society of Hematology
2017	Member of International Society for Cellular Therapy

Patents

- **Diagnosis Kit for early detection of leukemia** (Acute Lymphoblastic Leukemia), international code: **G01N33/570**, Patent Number: 92519, 17 June 2017.
- **The molecular process of primer design for screening for Acute Lymphoblastic Leukemia**, international code: C12N 15/00; C120Q 1/68, Patent Number: 92518

Gene Submitted:

ACCESSION Number: **KX707789** Release date: **Aug 8, 2017**