



# Narges Rahmanian

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## EDUCATION

Ph.D of Molecular Medicine 2010 — 2016

*Tehran University of Medical Sciences*

Ranked the fifth in the national exam for entrance nation-wide PhD program in molecular medicine

Medical Doctorate (M.D) 2002 — 2009

*Medical University of Isfahan*

Ranked the 150th among 500.000 participants in the national competitive exam for university admission

## LANGUAGE SKILLS

Persian :Native Language

English :Good at Speaking/ Writing/ Reading/ Understanding

## RESEARCH INTEREST

- Molecular Diagnostics
- Non-Invasive Prenatal Diagnostic
- Point of Care Diagnostic Testing
- System Biology & Personalized Medicine

## THECHNICAL SKILLS

### **Molecular biology:**

Primers design, Cloning and PCR

### **Biochemistry:**

Western blot (WB), Immunoprecipitation (IP)  
Immunocytochemistry (ICC) and Immunfluorescent (IF)

### **Flow cytometry:**

Apoptosis and Cell Cycle Analysis

### **Cellular biology:**

Cell culture , Transfection and MTT assey  
Microbiology: liquid and solid culture of bacterias, isolation  
and transformation  
Microscopy: fluorecence and light microscopy

### **Data Analysis soft wares:**

Excel,SPSS,Prism

## PUBLICATIONS

- Sherkat R, Sabri MR, Dehghan B, Bigdelian H, Reisi N, Afsharmoghadam N, Rahimi H, Rahmanian N, Klein C. **EBV lymphoproliferative-associated disease and primary cardiac T-cell lymphoma in a STK4 deficient patient: A case report.** Medicine. 2017;96(48):e8852
- Sherkat R, Yaran M, Nekooei N, Talebi E, Rahimi H, Bagherpoor B, Behnam M, Rostami S, Najafi S, Nourimahdavi A, Ganjalikhani Hakemi M, Farid F, Rahmanian N. **Exons analysis of IFN-gamma receptor 1 gene in MSMD patients in the central region of Iran.** Journal of Isfahan Medical School, 2019;36(503): 1349-1354
- Ghorban Ali Tarfiei1, Amir Shadboorestan, Hamed Montazeri, Narges Rahmanian, Gholamreza Tavosi1, Mohammad Hossein Ghahremani. **GDF15 induced apoptosis and cytotoxicity in A549 cells depends on TGFBR2 expression.** Accepted in Cell Biochemistry and Function. DOI: 10.1002/cbf.3391
- Sherkat R, Rostami S, Yaran M, Bagherpoor B, Ataei B, Khorvash F, Najafi S, Shoaie P, Kasaeian N, Rahmanian N. **The killer cell immunoglobulin-like receptors 2DS2 might be a protective factor against hepatitis B virus infection.** Under Review

- Narges Rahmanian, Mohmood Bozorgmehr, Monir Torabi, Abolfazl Akbari, Amir-Hassan Zarnani, **Cell Separation:Potentials and Pitfalls**, Preparative Biochemistry and Biotechnology Journal,DOI:10.1080/10826068.2016.1163579, 2016.
- Narges Rahmanian, Parastoo Tarighi, Mehdi Gharghabi, Maryam Torshabi, Ghorban Ali Tarfie, Taiebeh Mohammadi Farsani, Seyed Naser Ostad, Mohammad Hossein Ghahremani, **Truncated forms of RUNX3 unlike full length protein alter cell proliferation in a TGF- $\beta$  context dependent manner**, Accepted in Iranian Journal of Pharmaceutical Research (IJPR), 2016.
- Narges Rahmanian, Parastoo Tarighi, Mehdi Gharghabi, Maryam Torshabi, , Seyed Naser Ostad, Mohammad Hossein Ghahremani, **N-terminal truncated RUNX3 protein induces cell death and apoptosis more efficient than full length protein**, Under Review
- Farahnaz Fatemi, Narges Rahmaniyan, Maryam Vatankhah, Fatemeh Hashemi, **Prevalence of androgenetic alopecia in women of 20-70 years**, Journal of Pakistan Association of Dermatologists 2010; 20: 75-78

### CURRENT PROJECT

- Head of Familial Breast and Ovarian cancer registry and biobank
- Genetic Counseling of Breast and Ovarian cancer patients
- Partner of the Breast Cancer Association Consortium (BCAC)

### OTHER ACTIVITIES

- Active cooperation in execution of Primary Immunodeficiency Symposium for patients
- Active cooperation in execution of Primary Immunodeficiency conference for physicians
- Making agreement with Centro di Ricerca Emato-oncologica AIL (CREA), Diagnostic Department, ASST Spedali Civili di Brescia, Brescia, Italy for scientific collaboration in PID screening test and receiving plasmids containing genes of interest from the Diagnostic Department

## CONFERENCE PRESENTATIONS

Narges Rahmanian, Maryam Torshabi, Seyed Naser Ostad, Mohammad Hossein Ghahremani<sup>th</sup>  
**Truncated RUNX3 protein induces cell death in an Impaired TGF- $\beta$  Pathway Context.** The 4<sup>th</sup>  
International Symposium on Molecular Technology. October, 2014.

## HONORS & AWARDS

- **Best Poster Award** in 4<sup>th</sup> International Symposium on Molecular Technology for poster entitled “The N-terminal domain of RUNX3 protein can induce cell death in an Impaired TGF- $\beta$  Pathway Context”
- Ranked the **150th** among 500,000 participants in the national competitive exam for university admission
- Ranked the **fifth** in the national exam for entrance nation-wide PhD program in molecular medicine
- **Encouraging Letter** from the Medical Faculty for being hard-working in the lab's affair

## COURSES

- **The 1<sup>st</sup> International Summer School of ROYAN Institute about Developmental Biology and Stem Cells**, ROYAN Institute, Tehran, Iran (July 2010)
- **The First Summer School of Pasteur Institute**, Influenza Unit, Pasteur Institute of Iran (July 20<sup>th</sup> - August 5<sup>th</sup> 2010)  
**Include:**
  - Real-time PCR
  - SDS-PAGE and Western Blot
  - PCR Principles and Applications
  - Real-time PCR Primer and Probe Design
  - Gene Cloning and Recombination DNA Technology

- **The Workshop on “Culture and Conservation of Human Pluripotent Stem Cells”**  
ROYAN Institute, Tehran, Iran (March 2011)
- **The Course of “Cell Culture, Flowcytometry and Immunocytochemistry”** School of Pharmacy, Tehran University of Medical Science (2010)
- **The Course of “Laboratorial Animals Handling”**, School of Medicine, Tehran University of Medical Science (2010)
- **The Workshop on “Gene Expression Assay in Mesenchymal Stem Cells Using Real time-RT PCR”** Iranian Molecular Medicine Network, Pasteur Institute of Iran (December 2010)
- **The Workshop on “MicroRNA and siRNA Designing and Transfecting and Profiling of MicroRNAs”**, Stem Cell Technology Research Center, Tehran, Iran (December 2010)
- **The Workshop on “Gene Expression Analysis”**, Stem Cell Technology Research Center, Tehran, Iran (October 2010)
- **The Workshop on “Cloning, Labeling and Hybridization”**, Medical Biotechnology Network, Pasteur Institute of Iran (August 2003)
- **The Workshop on “Bioinformatics”**, Iranian Molecular Medicine Network, Pasteur Institute of Iran (January 2011)
- **The Workshop on “Scientific Writing”**, Medical University of Isfahan (January 2010)
- **The Workshop on “Electronic Resources Search”**, Tehran University of Medical Science (July 2010)
- **The Workshop on “EndNote”**, Tehran University of Medical Science (November 2010)
- **The Workshop on “Nano biosensors”**, National Institute of Genetic Engineering and Biotechnology
- **The Workshop on “Flow Cytometry”**, ROYAN Institute, Tehran, Iran (October 2013)
- **The Workshop on “Meta-analysis”**, Isfahan University of Medical Sciences, Isfahan, Iran (Oct-Nov 2018)
- **The Workshop on “Critical Appraisal”**, Isfahan University of Medical Sciences, Isfahan, Iran (Dec 2018)
- **The Workshop on “Scientific Metric”**, Isfahan University of Medical Sciences, Isfahan, Iran (Nov 2018)

## CONGRESSES

- **Participation in “The 6<sup>th</sup> Congress on Stem Cell Biology & Technology”**, ROYAN Institute ,Tehran ,Iran(September 2010)
- **Participation in “The Third Iranian Proteomics Congress”**, Pasteur Institute of Iran(May 2010)
- **Participation in “The 2<sup>ND</sup> National Conference on Molecular Medicine In Diagnosis and Treatment Of dise”**, Shahid Beheshti University of Medical Sciences (Feb 2016)

## REFERENCES

1. Shaghayegh Haghjooye Javanmard, Professor of Physiology, Isfahan Univ. of Medical Sciences, Medical School, Dept of Physiology  
Phone Numbers: +98 9021176757  
e-mail: [sh\\_haghjoo@med.mui.ac.ir](mailto:sh_haghjoo@med.mui.ac.ir)
2. Mohammad Hossein Ghahremani, professor in Molecular Pharmacology, Dept of Pharmacology & Toxicology, Faculty of Pharmacy, Tehran Univ. of Medical Sciences, Tehran, Iran.  
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e-mail: [mhghahremani@tums.ac.ir](mailto:mhghahremani@tums.ac.ir)
3. Amir Hassan Zarnani, Professor of Immunology, Avicenna Research Institute, Tehran, Iran.  
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