



Vahid Kholghi Oskooei

CONTACT

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EDUCATION

Ph.D Medical Genetics (2014- 2018)

Medical Genetics Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran

M.Sc. Human Genetics (2009 – 2012)

Medical Genetics Department, Babol University of Medical Sciences, Babol, Iran

B.Sc. Biology, Animal Biology (2004 – 2009)

Department of Biology, Faculty of Science, University of Tabriz, Tabriz, Iran

WORK EXPERIENCE

Assistant Professor of Medical Genetics, (Full-time) Sep 2023 – present. Department of Laboratory Sciences, Sirjan School of Medical Sciences, Sirjan. Iran

Technical Supervisor (Full-time) Sep 2023 – present. Molecular genetics lab, Sirjan School of Medical Sciences, Sirjan. Iran

Assistant Professor of Medical Genetics (Full-time) Apr 2019 – Agu 2023. Department of Medical Biotechnology, School of Paramedical Sciences, Torbat Heydariyeh University of Medical Sciences, Torbat Heydariyeh. Iran

Research Assistant (Full-time) Jan 2018– Apr 2019. Medical Genetics Department, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

REFERENCE

Soudeh Ghafouri-Fard: Professeur, Medical genetic Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran s.ghafourifard@sbmu.ac.ir

Haleh Akhavan Niaki: Professeur, Medical genetic Department, Babol University of Medical Sciences, Babol, Iran. halehakhavan@yahoo.com

Reza Mirfakhraie: Associate Professor, Medical genetic Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Reza.mirfakhraie@sbmu.ca

CITATION INDICES

Scopus

Total citations: 694 total citations by 593

h-index: 15

Google Scholar

Total citations: 903

h-index: 17

CONFERENCES

Participating in more than 10 conferences. 2 Oral presentations, 8 poster presentations. 3 of the participated conferences were international

RESEARCH FUNDING HISTORY

Co-applicant in 6 grants with a total value of 150K \$ from Shahid Beheshti University of Medical Sciences, Tehran, Iran

SKILLS

Wet lab:

Cellular Biology: Cell culture; Bacterial culture; Trichrome staining; MTT

Molecular biology: Sequencing; DNA, RNA, and protein extraction; various types of PCR (RT-PCR, Multiplex, Tetra-ARMS, QF-PCR, Methylation-specific PCR.), Gene expression; Polymorphism studies, horizontal and vertical electrophoresis; ELISA

Cytogenetic: karyotyping

Dry lab:

NGS: WES data analysis for diagnosis in Mandelin disorder, carrier screening and cancer panels, RNA seq data analysis.

Cellular Biology: Image J

Molecular biology: Primer designing, sequence analyzing and mutation detection, working knowledge of major molecular biology primary and secondary databases (STRING, Enrichr, Varsome, ClinVar, Mutation Taster, Ensemble, ...)

Software:

SPSS, Working knowledge of Python and R

PUBLICATIONS

From 2012 until now, 67 articles were published in a peer-reviewed journals. Below is the list of the selected publication.

1. Zeinab Dorostgoo, Asieh Sadat Fattahi, Saide Samare Moosavi, Soudeh Ghafouri-Fard, **Vahid Kholghi Oskooei***. Down-regulation of SLC16A-AS1 and LINC00900 lncRNAs in Iranian patients with breast cancer. *Breast Disease*. 2022;41:521-8.
2. Mohebi, Mehdi, Ali Sattari, Soudeh Ghafouri-Fard, Mohammad Hossein Modarressi, **Vahid Kholghi Oskooei**, and Mohammad Taheri. Expression profiling revealed up-regulation of three lncRNAs in breast cancer samples. *Experimental and molecular pathology*. 2020;117:104544.
3. Esmat Abdi, Saeid Latifi-Navid, Saber Zahri, **Vahid Kholghi Oskooei**, Behdad Mostafaiy, Abbas Yazdanbod, Farhad Pourfarzi. SNP-SNP interactions of oncogenic long non-coding RNAs HOTAIR and HOTTIP on gastric cancer susceptibility. *Scientific Reports*. 2020;10:1-2
4. Tayabeh Salehnezhad, Fatemeh Hajati, Zabih Mir Hassani, Farbod Esfandi, **Vahid Kholghi-Oskooei**, Mohammad Taheri, Soudeh Ghafouri-Fard, Majid Samsami. Assessment of expression of vitamin D receptor-associated lncRNAs in gastric cancer. *Meta Gene*. 2020: 100737
5. Sepideh Dashti, Zahra Taherian-Esfahani, **Vahid Kholghi-Oskooei**, Rezvan Noroozi, Sharam Arsang-Jang, Soudeh Ghafouri-Fard, Mohammad Taheri. In silico identification of MAPK14-related lncRNAs and assessment of their expression in breast cancer samples. *Scientific Reports*. 2020.10:1-2.
6. Mohammad Taheri, **Vahid Kholghi Oskooei**, Soudeh Ghafouri-Fard. Protein inhibitor of activated STAT (PIAS) genes are differentially expressed in breast tumor tissues. *Personalized Medicine*. 2019
7. Soudeh Ghafouri-Fard, Mohammad Taheri, Mir Davood Omrani, **Vahid Kholghi Oskooei**. Expression of long non-coding RNAs in breast cancer in relation to reproductive factors and tumor characteristics. *Journal of Cellular Biochemistry*. 2019.
8. **Vahid Kholghi Oskooei**, Soudeh Ghafouri-Fard. Are long non-coding RNAs involved in the interaction circuit between estrogen receptor and vitamin D receptor? *Meta Gene*. 2019;19:1-9
9. Zahra Taherian-Esfahani, Sepideh Dashti, Mohammad Taheri, **Vahid Kholghi Oskooei**, Soudeh Ghafouri-Fard. Assessment of expression pattern of mTOR-associated lncRNAs and their genomic variants in the breast cancer patients. *Journal of Cellular Physiology*. 2019:1-13
10. **Vahid Kholghi Oskooei**, Davood Omrani, Soudeh Ghafouri-Fard. Assessment of functional variants and expression of long non-coding RNAs in vitamin D receptor signaling in breast cancer. *Cancer Management and Research*. 2018;10:3451-62

11. **Vahid Kholghi Oskooei**, Davood Omrani, Soudeh Ghafouri-Fard. A combined bioinformatics and literature based approach for identification of long non-coding RNAs that modulate vitamin D receptor signaling in breast cancer. *klinicka onkologie*. 2018;31:264-9
12. Soudeh Ghafouri-Fard; **Vahid Kholghi Oskooei**; Iman Azari; M Taheri. Suppressor of Cytokine Signaling (SOCS) genes are down-regulated in breast cancer. *World Journal of Surgical Oncology*. 2018;16: 226
13. Feraydoon Abdolmaleki, Soudeh Ghafoui-Fard, Mohammad Taheri, Alireza Mordadi, Mandana Afasharpad, Varmazyar, Sajad Bashir Nazparvar, **Vahid Kholghi Oskooei**, Mir Davood Omrani. Expression analysis of a panel of long non-coding RNAs (lncRNAs) revealed their potential as diagnostic biomarkers in bladder cancer. *Genomics*. 2019
14. Leila Nekoohesh, **Vahid Kholghi Oskooei**, Elahe Motevaseli, Soudeh Ghafouri-Fard, Mohammad Hossein Modarressi. Urinary exosomal expression of long non-coding RNAs as diagnostic marker in bladder cancer. *Cancer Management and Research*. 2018;10: 6357–6365.
15. **Vahid Kholghi Oskooei** , Esmaeili Dooki MR, Tabaripour R, Mirzajani S, Pourbagher R, Akhavan-Niaki H. CFTR haplotypes in northern Iranian population. *Gene*. 2013;512:55-60
16. **Vahid Kholghi Oskooei** , Esmaeili Dooki MR , Tabaripour R, Pourbagher R, Tavakkoly Bazzaz J, Larijani B, Akhavan-Niaki H. IVS8 polyT and M470V polymorphisms in healthy individuals and cystic fibrosis patients in Mazandaran province, Iran. *TUMC*. 2012;69(12) : 761-767
17. **Vahid Kholghi Oskooei**, Esmaeili Dooki MR, Haleh Akhavan-Niaki. Analysis of c.3499+200TA(7_56) and D7S523 microsatellites linked to Cystic Fibrosis Transmembrane Receptor. *IJMCM*. 2012;1:113-8.

TEACHING EXPERIENCE

- Teaching medical genetics to Master students of biotechnology from 2018
- Teaching cellular and molecular biology to Master students of biotechnology from 2018
- Teaching medical genetics to nursing science students from 2018
- Teaching medical genetics to laboratory science students from 2018
- Teaching genetics to midwifery students from 2018
- Teaching hereditary diseases and genetic counseling to public health science students from 2018