



Vahid Kholghi Oskooei

CONTACT

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https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=IKXK68gAAAAJ

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

Assistant Professor of Medical Genetics (Full-time) jul 2018 – Agu 2023. Department of Medical Biotechnology, School of Paramedical Sciences, Torbat Heydariyeh University of Medical Sciences, Torbat Heydariyeh. Iran

REFERENCE

Soudah Ghafouri-Fard: Professor, Medical Genetic Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran
s.ghafourifard@sbmu.ac.ir

Reza Mirfakhraie: Associate Professor, Medical Genetic Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran. Reza.mirfakhraie@sbmu.ac.ir

Farkhondeh Pouresmaeili: Associate Professor, Medical Genetic Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran. pouresfar@gmail.com

CITATION INDICES

Scopus

Total citations: 868 total citations by 760

h-index: 16

Google Scholar

Total citations: 1137

h-index: 19

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, MLPA, Polymorphism studies, horizontal and vertical electrophoresis; ELISA, Molecular cloning.

Cytogenetic: karyotyping

Dry lab:

NGS: Applied experience in analyzing & interpreting clinical genomics data, RNA-Seq data analysis.

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, ...)

Programming languages & software: Working knowledge of Python and R, Machine learning, SPSS, Prism, Excel.

PUBLICATIONS

From 2012 until now, 73 articles were published in a peer-reviewed journals. Below is the list of the selected publication.

1. Seyed Farhad Sadr Tabatabaie, Iman Salahshoorifar, Farkhondeh Pouresmaeili, Zahra Hosseinpour Golloo, Azadeh aarabi, **Vahid Kholghi Oskooei**, Akram Vatannejad. Association between IL-6 -174 G/C (rs1800795) and IL-1A -889 C/T (rs1800587) cytokine variants with polycystic ovary syndrome in Iranian women: A case-control study. *Gene*. 2025; 933: 148906
2. Elmira Abdolzadeh, Esmat Abdi, Saeid Latifi-Navid, Saber Zahri, **Vahid Kholghi Oskooei**, Kiana Yazdanbod. Long Intergenic Non-coding RNA—LINC00659—Expression Changes in Gastric Cancer: Lessons from Northwestern Iran. *Jentashapir Journal of Cellular and Molecular Biology*. 2025;16(16)
3. Esmat Abdi, Saeid Latifi-Navid, **Vahid Kholghi Oskooei**, Behdad Mostafaiy, Farhad Pourfarzi, Abbas Yazdanbod. Roles of the lncRNAs MEG3, PVT1 and H19 tagSNPs in gastric cancer susceptibility. *BMC cancer*. 2024;24(1):1440
4. 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.
5. 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.
6. 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
7. 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
8. 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.
9. 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
10. **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

11. 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
12. **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
13. **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
14. 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
15. Leila Nekooresh, **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.
16. **Vahid Kholghi Oskooei** , Esmaili Dooki MR, Tabaripour R, Mirzajani S, Pourbagher R, Akhavan-Niaki H. CFTR haplotypes in northern Iranian population. *Gene*. 2013;512:55-60
17. **Vahid Kholghi Oskooei** , Esmaili 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
18. **Vahid Kholghi Oskooei**, Esmaili 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