

Mohammadjavad Karimitaheri

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Date of birth: 5th January, 1992

Nationality: Iranian

Marital status: Single

Education

Dates (2016- Jan 2019)	M.Sc., Genetics GPA: 17.7/20 (3.7/4) Tarbiat Modares University, Tehran, Iran Supervisor: Professor Majid Sadeghizadeh Coursework: Advanced Human Genetics, Advanced Population Genetics, Immunogenetics, Molecular Genetics, Genetic Engineering, Bioinformatics, Genetics of Cancer.
Dates (2011- 2015)	B.Sc., Cell and Molecular Biology GPA: 14.8/20 (3.1/4) University of Sistan and Baluchestan, Zahedan, Iran Area of Study: Genetics, Molecular biology, Biochemistry
Research Interests	Immunotherapy, Exosome, Cancer therapy, Stem cell, Molecular genetics

Research and Teaching Experience

Research and Laboratory Experience	2017-2018 Tarbiat Modares University Department of Biological Sciences Laboratory of Professor Majid Sadeghizadeh: Master's Thesis: Investigating the expression relationship between ATP2B1-AS1 and EZH2 genes in 17 β estradiol and EZH2 gene siRNA-treated breast cancer cells. 2018-2020: Research assistant with professor Majid Sadeghizadeh Tarbiat Modares University Department of Biological Sciences Laboratory of Professor Majid Sadeghizadeh: Project title: The effect of Linc01116 on the progression of breast cancer
Teaching Experience	2018-2020 Tarbiat Modares University Department of Biological Sciences Laboratory of Professor Majid Sadeghizadeh: Laboratory trainer of the newly accepted students Spring 2020: Tarbiat Modares University Department of Biological Sciences Teacher Assistant: Cell and tissue culture course, Presented for MSc students. Instructor: Prof. Majid Sadeghizadeh.

International Seminar & Workshop	
Oct 2020	Principles of working with laboratory animals, held by National institute for medical research development (NIMAD)
Sep 2020	NGS Data Analysis workshop, RNA-seq data analysis workshop, held by 4th International & 16th Iranian Genetics Congress
November 2016	Health, Safety and Environment (HSE) course. Held by Tarbiat Modares university
May 2013	Plant tissue culture workshop, Held by University of Sistan and Baluchestan
Skills	
Genetics and Biochemistry	<ul style="list-style-type: none"> • DNA, RNA and protein isolation • Gene cloning • PCR, qPCR • Primer design (mRNA, miRNA, circRNA) • ShRNA design • DNA sequence analysis • Western blotting, • Multicolor Flow Cytometry (cell cycle arrest, Annexin PI, immunophenotyping, ROS) • Fluorescent microscopy • Enzyme Linked Immunosorbent Assay (ELISA), • Immunostaining (IHC, ICC)
Cell Culture	<ul style="list-style-type: none"> • Experience in advanced cell culture • Isolation and culture of primary cells • Cell line maintenance, transfection optimization, plasmid transfection. • MTT Assay • Colony formation assay • Wound healing assay
bacteriology	<ul style="list-style-type: none"> • Maintain and purify: bacteria stocks, Culture transfers, prepare media, Plasmid amplification,
Animal works	<ul style="list-style-type: none"> • Mouse and rat handling • Blood collection, intraperitoneal and tail injections
Computer knowledge, Databases and Data Analysis software	<ul style="list-style-type: none"> • Windows, Linux (Intermediate) , Macintosh (Familiar) • R, python (familiar), HTML (Intermediate) • Microsoft office, Adobe Photoshop, Oracle VM VirtualBox, Endnote • SPSS - Graphpad Prism - ImageJ - Flowjo - Flowing software • Gene Runner, Oligo 7, SnapGene, Graph Pad Prism, • UCSC, NCBI, ENCORI, EMBL-EBI, GEPIA and... databases • Microarray data analysis. • NGS data analysis

Language
Persian (Native) English (Intermediate) Arabic (Familiar)
References
Majid Sadeghizadeh, Professor, Tarbiat Modares university. sadeghma@modares.ac.ir