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Mohammadreza Sharifi, Ph.D

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Education

Jan 2009 – Jan 2013 **Isfahan University of Medical Sciences**
PhD, Molecular Medicine
Isfahan, Iran

Thesis

Research Experience

Jan 2013 – present **Professor (Assistant)**
Isfahan University of Medical Sciences, Genetics and Molecular Biology
Department
Isfahan, Isfahan, Iran

Statistics

RG Score 17.08

Publications 17

Reads 343

Citations 45

Awards & Grants

Skills & Activities

Skills microRNA, RNA Isolation, DNA Amplification, RNA Biology, RNA, Non-coding RNA, Transfection, PCR, Gene Expression, Gene Regulation, Cell Culture, RNA Interference, Cancer Biology, Epigenetics, DNA, Molecular Genetics, Western Blot Analysis, Cloning, Gel Electrophoresis, DNA Extraction, SDS-PAGE, Molecular Cell Biology, RNA Extraction, DNA Gel

Electrophoresis, Reverse Transcription, DNA Isolation, Genetic Engineering,
Restriction Digestion, mRNA Expression, DNA Cloning

Languages English, Persian

Scientific Memberships

Interests Molecular Medicine, Nucleic Acids in Molecular Medicine, Cancer, Gene
Therapy, Hematology

Publication Highlights

[Authors]: [title]. [Details]

Books

Book Chapters

Journal Publications

M Sharifi, A Moridnia: *Apoptosis-inducing and antiproliferative effect by inhibition of miR-182-5p through the regulation of CASP9 expression in human breast cancer*. *Cancer gene therapy* 01/2017;; DOI:10.1038/cgt.2016.79

R Nedaenia, M Manian, M H Jazayeri, M Ranjbar, R Salehi, M Sharifi, F Mohaghegh, M Goli, S H Jahednia, A Avan, M Ghayour-Mobarhan: *Circulating exosomes and exosomal microRNAs as biomarkers in gastrointestinal cancer*. *Cancer gene therapy* 12/2016;; DOI:10.1038/cgt.2016.77

Naeim Ehtesham, Mohammadreza Sharifi: *From conventional therapy toward microRNA-based therapy in acute promyelocytic leukemia*. 11/2016; 5(1)., DOI:10.4103/2277-9175.190996

Reza Nedaenia, Mohammadreza Sharifi, Amir Avan, Mohammad Kazemi, Majid Ghayour-Mobarhan Laleh Rafiee, Rasoul Salehi: *Locked nucleic acid anti-miR-21 inhibits cell growth and invasive behaviors of a colorectal adenocarcinoma cell line: LNA-anti-miR as a novel approach*. *Cancer Gene Therapy* 07/2016; 23(8)., DOI:10.1038/cgt.2016.25.

Reza Nedaenia, Mohammadreza Sharifi: *Locked nucleic acid anti-miR-21 inhibits cell growth and invasive behaviors of a colorectal adenocarcinoma cell line: LNA-anti-miR as a novel approach*. *Cancer gene therapy* 07/2016;; DOI:10.1038/cgt.2016.25

Korosh Ashrafi Dehkordi, Morteza Hashemzadeh Chaleshtori, Mohammadreza Sharifi, Ali Jalili, Fardin Fathi, Daem Roshani, Bahram Nikkhoo, Mohammad Saeed Hakhamaneshi, Mohammad Reza Mahmoodian Sani, Mahboue Ganji-Arjenaki: *Inhibition of MicroRNA miR-222 with LNA Inhibitor Can Reduce Cell Proliferation in B Chronic Lymphoblastic Leukemia*. *Indian Journal of Hematology and Blood Transfusion* 06/2016;; DOI:10.1007/s12288-016-0694-7

Bahareh Arghavan Arghavan, Mohammadreza Sharifi, Mohammad Shafiee, Rasoul Mohammadi: *Evaluation of miR-146a expression level in macrophages exposed to Candida glabrata*. 06/2016; 2(2)., DOI:10.18869/acadpub.cmm.2.2.6

- S Ahmadi, M Sharifi, R Salehi: *Locked nucleic acid inhibits miR-92a-3p in human colorectal cancer, induces apoptosis and inhibits cell proliferation*. *Cancer Gene Therapy* 05/2016; 23(7)., DOI:10.1038/cgt.2016.10
- Reza Ghavimi, Mohammadreza Sharifi, MohammadAli Mohaghegh, Hossein Mohammadian, Saedah Khadempour, Hamzeh Rezaei: *Lack of association between rs1800795 (-174 G/C) polymorphism in the promoter region of interleukin-6 gene and susceptibility to type 2 diabetes in Isfahan population*. 02/2016; 5(1)., DOI:10.4103/2277-9175.175904
- Fatemeh Jalali, Mohammadreza Sharifi, Rasoul Salehi: *Kefir induces apoptosis and inhibits cell proliferation in human acute erythroleukemia*. *Medical Oncology* 01/2016; 33(1)., DOI:10.1007/s12032-015-0722-8
- M Sharifi, R Salehi: *Blockage of MIR-92a-3p with locked nucleic acid induces apoptosis and prevents cell proliferation in human acute megakaryoblastic leukemia*. *Cancer Gene Therapy* 12/2015; 23(1)., DOI:10.1038/cgt.2015.63
- Z Najafi, M Sharifi, G Javadi: *Degradation of miR-21 induces apoptosis and inhibits cell proliferation in human hepatocellular carcinoma*. *Cancer gene therapy* 10/2015; 22(11)., DOI:10.1038/cgt.2015.51
- Mohammadreza Sharifi, Rasoul Salehi, Yousof Gheisari, Mohammad Kazemi: *Inhibition of microRNA miR-92a induces apoptosis and inhibits cell proliferation in human acute promyelocytic leukemia through modulation of p63 expression*. *Molecular Biology Reports* 01/2014; 41(5)., DOI:10.1007/s11033-014-3134-5
- Mohammadreza Sharifi, Rasoul Salehi, Yousof Gheisari, Mohammad Kazemi: *Inhibition of microRNA miR-92a induces apoptosis and necrosis in human acute promyelocytic leukemia*. 01/2014; 3(1)., DOI:10.4103/2277-9175.125826
- Gholam Reza Kheirabadi, Fateme Toghiani, Marjan Kousha, Mohammad Hashemi, Mohammad Reza Maracy, Mohammad Reza Sharifi, Reza Bagherian-Sararoudi: *Is there any association of anxiety-depressive symptoms with vascular endothelial function or systemic inflammation?*. *Journal of research in medical sciences* 11/2013; 18(11).
- Mohammadreza Sharifi, Rasoul Salehi, Yousof Gheisari, Mohammad Kazemi: *Inhibition of MicroRNA miR-92a Inhibits Cell Proliferation in Human Acute Promyelocytic Leukemia*. *Turkish Journal of Haematology* 06/2013; 30(2)., DOI:10.4274/Tjh.2012.0171

Patents

Conference Proceedings

Technical Reports