

## Curriculum Vitae

### Personal details

---

**Name:** Rasoul Salehi

**Work Address:** Department of Genetics and Molecular Biology  
School of Medical, Isfahan University of Medical Sciences  
Isfahan 81744-176, Iran

**E-mail Addresses:** r\_salehi@med.mui.ac.ir

**Telephone:** 0098 313792 9087

### Education

---

**1986 – 1991** **Ph.D.** Molecular Genetics, Center for advanced study, BHU,  
Varanasi, India

**2002** Post-Doctoral fellow, Center for Medical Genetics, AZ-VUB,  
Brussels, Belgium

### Work Experiments

---

**1991 – Continuing** Professor in the Department of Genetics and Molecular Biology,  
Medical School, Isfahan University of Medical Sciences, Isfahan  
81744-176, Iran

---

## Administrative jobs involved

---

- Head of the Department of Basic and General Sciences, School of Medicine, Isfahan University of Medical Sciences

-Head of the Department of Genetics and Molecular Biology, School of Medicine, Isfahan University of Medical Sciences

-Deputy Dean in Post-graduate studies, School of Medicine, Isfahan University of Medical Sciences

---

## Books

**Salehi, R.** Cell and Molecular Biology (2008), 5th Edition (In Persian Language).

Eslami G, **Salehi R**, Hejazi SH. Tryparedoxin peroxidase from *Leishmania major*, characterization of LmTRYP6 gene, 2012, LAMBERT Academic publishing, Germany

---

## Research interest

1) Multifactorial diseases Genomics and Pharmacogenomics studies and their Epigenetics modifications

## Publications

---

- 1- Mirzaei H, Salehi H, Oskuee RK, Mohammadpour A, Mirzaei HR, Sharifi MR, Salarinia R, Darani HY, Mokhtari M, Masoudifar A, Sahebkar A, **Salehi R**, Jaafari MR., The therapeutic potential of human adipose-derived mesenchymal stem cells producing CXCL10 in a mouse melanoma lung metastasis model., *Cancer Lett.* 2018 Apr 10;419:30-39. doi: 10.1016/j.canlet.2018.01.029. Epub 2018 Jan 10, PMID: 29331419
- 2- Moradian Tehrani R, Verdi J, Nouredini M, **Salehi R**, Salarinia R, Mosalaei M, Simonian M, Alani B, Ghiasi MR, Jaafari MR, Mirzaei HR, Mirzaei H., Mesenchymal stem cells: A new platform for targeting suicide genes in cancer., *J Cell Physiol.* 2018 May;233(5):3831-3845. doi: 10.1002/jcp.26094. Epub 2017 Aug 30. Review, PMID: 28703313
- 3- Nourbakhsh N, Emadi-Baygi M, **Salehi R**, Nikpour P., Gene Expression Analysis of Two Epithelial-mesenchymal Transition-related Genes: Long Noncoding RNA-ATB

and SETD8 in Gastric Cancer Tissues., *Adv Biomed Res.* 2018 Mar 27;7:42. doi: 10.4103/abr.abr\_252\_16. eCollection 2018., PMID: 29657927

- 4- Simonian M, Mosallayi M, Miraghajani M, Feizi A, Khosravi S, Salehi AR, Mortazavi D, Saberi F, **Salehi R.**, Single nucleotide polymorphism rs696 in miR449a binding site of NFKBIA gene is correlated with risk of colorectal cancer., *Gastroenterol Hepatol Bed Bench.* 2018 Winter;11(1):48-53., PMID: 29564065
- 5- Zeinalian M, Hashemzadeh-Chaleshtori M, **Salehi R**, Emami MH., Clinical Aspects of Microsatellite Instability Testing in Colorectal Cancer., *Adv Biomed Res.* 2018 Feb 16;7:28. doi: 10.4103/abr.abr\_185\_16. eCollection 2018. Review., PMID: 29531926
- 6- Tabatabaiefar MA, Pourreza MR, Tahmasebi P, Saki N, Hashemzadeh Chaleshtori M, **Salehi R**, Mohammadi-Asl J., A Novel Pathologic Variant in OTOF in an Iranian Family Segregating Hereditary Hearing Loss., *Otolaryngol Head Neck Surg.* 2018 Feb 1:194599818759007. doi: 10.1177/0194599818759007. [Epub ahead of print], PMID: 29484972
- 7- Simonian M, Sharifi M, Nedaenia R, Mosallaie M, Khosravi S, Avan A, Ghayour-Mobarhan M, Bagheri H, **Salehi R.**, Evaluation of miR-21 Inhibition and its Impact on Cancer Susceptibility Candidate 2 Long Noncoding RNA in Colorectal Cancer Cell Line., *Adv Biomed Res.* 2018 Jan 30;7:14. doi: 10.4103/abr.abr\_214\_16. eCollection 2018., PMID: 29456985
- 8- Norouzi-Barough L, Sarookhani M, **Salehi R**, Sharifi M, Moghbelinejad S., CRISPR/Cas9, a new approach to successful knockdown of ABCB1/P-glycoprotein and reversal of chemosensitivity in human epithelial ovarian cancer cell line., *Iran J Basic Med Sci.* 2018 Feb;21(2):181-187. doi: 10.22038/IJBMS.2017.25145.6230, PMID: 29456815
- 9- Tehrani RM, Mirzaie H, Verdi J, Sahebkar A, Nouredini M, **Salehi R**, Alani B, Kianmehr M., Chondrogenic Differentiation of human scalp adipose derived stem cells in Polycaprolactone scaffold and using Freeze Thaw Freeze method., *J Cell Physiol.* 2018 Jan 11. doi: 10.1002/jcp.26477. [Epub ahead of print], PMID: 29323717
- 10- Sabzehei F, Kouhpayeh S, Dastjerdeh MS, Khanahmad H, **Salehi R**, Naderi S, Taghizadeh R, Rabiei P, Hejazi Z, Shariati L., A Novel Prokaryotic Green Fluorescent Protein Expression System for Testing Gene Editing Tools Activity Like Zinc Finger Nuclease., *Adv Biomed Res.* 2017 Nov 30;6:155. doi: 10.4103/2277-9175.219420, eCollection 2017.
- 11- Shariatpanahi S, Farahani N, Salehi AR, **Salehi R.**, High prevalence of mouse mammary tumor virus-like gene sequences in breast cancer samples of Iranian

women, *Nucleosides Nucleotides Nucleic Acids*. 2017 Oct 3;36(10):621-630. doi: 10.1080/15257770.2017.1360498. Epub 2017 Nov 29.

- 12- Sarookhani MR, Sharifi M, Moghbelinejad S, Jangjoo S, **Salehi R.**, Molecular mechanisms of drug resistance in ovarian cancer., Norouzi-Barough L, *J Cell Physiol*. 2018 Jun;233(6):4546-4562. doi: 10.1002/jcp.26289. Epub 2018 Jan 4. Review., PMID: 29152737
- 13- Pouladian M, Ganjalikhani-Hakemi M, Alsahebhosul F, Homayouni V, Khosravi S, Etemadifar M, Mazrouei F, **Salehi R.**, The +4259A>C polymorphism of TIM-3 but not -1637C>T polymorphism of TIM-1 is associated with Multiple sclerosis in Isfahan population., *Mult Scler Relat Disord*. 2017 Nov;18:152-156. doi: 0.1016/j.msard.2017.09.031. Epub 2017 Sep 29. PMID: 29141799
- 14- Alsahebhosoul F, **Salehi R.**, Ghaffari S, Jahanbani-Ardakani H, Etemadifar M, Kazemi M, Abtahi SH., CD25 gene polymorphism and multiple sclerosis., *Mult Scler Relat Disord*. 2017 Nov;18:117-118. doi: 10.1016/j.msard.2017.09.005. Epub 2017 Sep 20
- 15- Fatehi R, Khosravi S, Abedi M, **Salehi R.**, Gheisari Y., Heterozygosity analysis of polycystic kidney disease 1 gene microsatellite markers for linkage analysis of autosomal dominant polycystic kidney disease type 1 in the Iranian population., *J Res Med Sci*. 2017 Sep 26;22:102. doi: 10.4103/jrms.JRMS\_136\_17. eCollection 2017.
- 16- Zeinalian M, Hadian M, Hashemzadeh-Chaleshtori M, **Salehi R.**, Emami MH., Familial Colorectal Cancer Type X in Central Iran: A New Clinicopathologic Description., *Int J Hematol Oncol Stem Cell Res*. 2017 Jul 1;11(3):240-245.
- 17- Moafi A, Zojaji A, **Salehi R.**, Najafi Dorcheh S, Rahgozar S., The correlation between Pax5 deletion and patients survival in Iranian children with precursor B-cell acute lymphocytic leukemia., *Cell Mol Biol (Noisy-le-grand)*. 2017 Aug 30;63(8):19-22. doi: 10.14715/cmb/2017.63.8.4.
- 18- Sadri M, Ganjalikhani-Hakemi M, Akbari P, **Salehi R.**, Rastaghi S, Ghasemi R, Meshkat R., Association between +4259 T>G and -574 G>T Polymorphisms of TIM-3 with Asthma in an Iranian Population., *Iran J Allergy Asthma Immunol*. 2017 Aug;16(4):321-328.
- 19- Ramezanzadeh M, Khosravi S, **Salehi R.** Cell-free Fetal Nucleic Acid Identifier Markers in Maternal Circulation. *Adv Biomed Res*. 2017 Jul 28;6:89. doi: 10.4103/2277-9175.211800. eCollection 2017
- 20- Mosallayi M, Simonian M, Khosravi S, Salehi AR, Khodadoostan M, Sebghatollahi V, Baradaran A, **Salehi R.** Polymorphism (rs16917496) at the miR-502 Binding Site of the Lysine Methyltransferase 5A (SET8) and Its Correlation with Colorectal Cancer

in Iranians. *Adv Biomed Res.* 2017 Jul 14;6:77. doi: 10.4103/2277-9175.210656. eCollection 2017.

- 21- Tehrani RM, Verdi J, Nouredini M, **Salehi R**, Salarinia R, Mosalaei M, Simonian M, Alani B, Ghiasi MR, Jaafari MR, Mirzaei HR, Mirzaie H. Mesenchymal Stem Cells: A New Platform for Targeting Suicide Genes in Cancer. *J Cell Physiol.* 2017 Jul 13. doi: 10.1002/jcp.26094.
- 22- Babaei H, Zeinalian M, Emami MH, Hashemzadeh M, Farahani N, **Salehi R**. Simplified microsatellite instability detection protocol provides equivalent sensitivity to robust detection strategies in Lynch syndrome patients. *Cancer Biol Med.* 2017 May;14(2):142-150. doi: 10.20892/j.issn.2095-3941.2016.0091.
- 23- Nedaeinia R, Avan A, Ahmadian M, Nia SN, Ranjbar M, Sharifi M, Goli M, Piroozmand A, Nourmohammadi E, Manian M, Ferns GA, Ghayour-Mobarhan M, **Salehi R**. Current Status and Perspectives Regarding LNA-Anti-miR Oligonucleotides and microRNA miR-21 Inhibitors as a Potential Therapeutic Option in Treatment of Colorectal Cancer. *J Cell Biochem.* 2017 Apr 12. doi: 10.1002/jcb.26047.
- 24- Asadi M, Foo R, Salehi AR, **Salehi R**, Samienasab MR. Mutation in  $\delta$ -Sg Gene in Familial Dilated Cardiomyopathy. *Adv Biomed Res.* 2017 Mar 7;6:32. doi: 10.4103/2277-9175.188492. eCollection 2017.
- 25- **Salehi R**, Khosravi S, Salehi M, Kheirollahi M, Khanahmad H. Simple and Easy to Perform Preimplantation Genetic Diagnosis for  $\beta$ -thalassemia Major Using Combination of Conventional and Fluorescent Polymerase Chain Reaction. *Adv Biomed Res.* 2017 Mar 7;6:23. doi: 10.4103/2277-9175.201682. eCollection 2017.
- 26- Nedaeinia R, Sharifi M, Avan A, Kazemi M, Nabinejad A, Ferns GA, Ghayour-Mobarhan M, Salehi R. Inhibition of microRNA-21 via locked nucleic acid-anti-miR suppressed metastatic features of colorectal cancer cells through modulation of programmed cell death 4. *Tumour Biol.* 2017 Mar;39(3):1010428317692261. doi: 10.1177/1010428317692261.
- 27- Rami F, Beni SN, Kahnamooui MM, Rahimmanesh I, Salehi AR, **Salehi R**. Recent Advances in Therapeutic Applications of Induced Pluripotent Stem Cells. *Cell Reprogram.* 2017 Apr;19(2):65-74. doi: 10.1089/cell
- 28- Nedaeinia R, Manian M, Jazayeri MH, Ranjbar M, **Salehi R**, Sharifi M, Mohaghegh F, Goli M, Jahednia SH, Avan A, Ghayour-Mobarhan M. Circulating exosomes and exosomal microRNAs as biomarkers in gastrointestinal cancer. *Cancer Gene Ther.* 2017 Feb;24(2):48-56. doi: 10.1038/cgt.

- 29- Farahani N, Nikpou P, Emami MH, Hashemzadeh M, Zeinalian M, Shariatpanahi SS, **Salehi R**. Evaluation of MT1XT20 Single Quasi-Monomorphic Mononucleotide Marker for Characterizing Microsatellite Instability in Persian Lynch Syndrome Patients. *Asian Pac J Cancer Prev*. 2016;17(9):4259-4265.
- 30- Salarinia R, Sahebkar A, Peyvandi M, Mirzaei HR, Jaafari MR, Riahi MM, Ebrahimnejad H, Nahand JS, Hadjati J, Asrami MO, Fadaei S, Salehi R, Mirzaei H. Epi-Drugs and Epi-miRs: Moving Beyond Current Cancer Therapies. *Curr Cancer Drug Targets*. 2016;16(9):773-788.
- 31- Khosravi S, Salehi M, Ramezanzadeh M, Mirzaei H, **Salehi R**. Novel Multiplex Fluorescent PCR-Based Method for HLA Typing and Preimplantational Genetic Diagnosis of  $\beta$ -Thalassemia. *Arch Med Res*. 2016 May;47(4):293-8. doi: 10.1016/j.arcmed.2016.07.006.
- 32- Babaei H, Mohammadi M, **Salehi R**. DNA methylation analysis of secreted frizzled-related protein 2 gene for the early detection of colorectal cancer in fecal DNA. *Niger Med J*. 2016 Jul-Aug;57(4):242-5. doi: 10.4103/0300-1652.188357.
- 33- Mirzaei HR, Sahebkar A, **Salehi R**, Nahand JS, Karimi E, Jaafari MR, Mirzaei H. Boron neutron capture therapy: Moving toward targeted cancer therapy. *J Cancer Res Ther*. 2016 Apr-Jun;12(2):520-5. doi: 10.4103/0973-1482.176167. Review.
- 34- Mirzaei H, Yazdi F, **Salehi R**, Mirzaei HR. SiRNA and epigenetic aberrations in ovarian cancer. *J Cancer Res Ther*. 2016 Apr-Jun;12(2):498-508. doi: 10.4103/0973-1482.153661.
- 35- Nedaeinia R, Sharifi M, Avan A, Kazemi M, Rafiee L, Ghayour-Mobarhan M, **Salehi R**. 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 Ther*. 2016 Aug;23(8):246-53. doi: 10.1038/cgt.2016.25. Epub 2016 Jul 1.
- 36- Vatandoost N, Salehi AR, Kazemi M, Khosravi S, Eslami G, Kamali S, **Salehi R**. Genetic polymorphism of 8 Y-STR loci in native population of Isfahan province in central part of Iran. *Ann Hum Biol*. 2016 Jul 13:1-5. [Epub ahead of print]
- 37- Ahmadi S, Sharifi M, **Salehi R**. Locked nucleic acid inhibits miR-92a-3p in human colorectal cancer, induces apoptosis and inhibits cell proliferation. *Cancer Gene Ther*. 2016 Jul;23(7):199-205. doi: 10.1038/cgt.2016.10. Epub 2016 May 20.
- 38- Ramezanzadeh M, Salehi M, **Salehi R**. Assessment of high resolution melt analysis feasibility for evaluation of beta-globin gene mutations as a reproducible, cost-efficient and fast alternative to the present conventional method. *Adv Biomed Res*. 2016 Apr 19;5:71. doi: 10.4103/2277-9175.180640. eCollection 2016.

- 39- Asadi M, Foo R, Samienasab MR, Salehi AR, Kheirollahi M, Khanahmad H, **Salehi R**. Genetic analysis of Iranian family with hereditary cardiac arrhythmias by next generation sequencing. *Adv Biomed Res.* **2016** Mar 16;5:55. doi: 10.4103/2277-9175.178801. eCollection 2016.
- 40- Mazrouei F, Ganjalikhani-Hakemi M, **Salehi R**, Alesahbfosoul F, Etemadifar M, Pouladian M, Meshkat R, Nekoueian Sh, Zarkesh-Esfahani H, Ziyace-Ghahnaviyeh M. Association of TIM-1 5383-5397ins/del and TIM-3 -1541C>T polymorphisms with multiple sclerosis in Isfahan population. *Int J Immunogenet.* **2016** Jun;43(3):131-4. doi: 10.1111/iji.12264. Epub 2016 Apr 19.
- 41- Mirhafez SR, Tajfard M, Avan A, Pasdar A, Nedaeinia R, Aghasizade M, Davari H, Manian M, Mahdizadeh A, Meshkat Z, Movahedi A, Amini NG, Eskandari N, **Salehi R**, Ferns GA, Ghayour-Mobarhan M. Association between serum cytokine concentrations and the presence of hypertriglyceridemia. *Clin Biochem.* **2016** Jul;49(10-11):750-5. doi: 10.1016/j.clinbiochem.2016.03.009. Epub 2016 Apr 2.
- 42- Mirzaei H, Sahebkar A, Jaafari MR, Hadjati J, Javanmard SH, Mirzaei HR, **Salehi R**. PiggyBac as a novel vector in cancer gene therapy: current perspective. *Cancer Gene Ther.* **2016** Feb-Mar;23(2-3):45-7. doi: 10.1038/cgt.2015.68. Epub 2016 Jan 8.
- 43- Jalali F, Sharifi M, **Salehi R**. Kefir induces apoptosis and inhibits cell proliferation in human acute erythroleukemia. *Med Oncol.* **2016** Jan;33(1):7. doi: 10.1007/s12032-015-0722-8. Epub 2015 Dec 26.
- 44- Sharifi M, **Salehi R**. Blockage of miR-92a-3p with locked nucleic acid induces apoptosis and prevents cell proliferation in human acute megakaryoblastic leukemia. *Cancer Gene Ther.* **2016** Jan;23(1):29-35. doi: 10.1038/cgt.2015.63. Epub 2015 Dec 11.
- 45- Gholamin S, Pasdar A, Khorrami MS, Mirzaei H, Mirzaei HR, **Salehi R**, Ferns GA, Ghayour-Mobarhan M, Avan A. The potential for circulating microRNAs in the diagnosis of myocardial infarction: a novel approach to disease diagnosis and treatment. *Curr Pharm Des.* **2016**;22(3):397-403.
- 46- Ramezanzadeh M, Salehi M, Farajzadegan Z, Kamali S, **Salehi R**. Detection of paternally inherited fetal point mutations for  $\beta$ -thalassemia in maternal plasma using simple fetal DNA enrichment protocol with or without whole genome amplification: an accuracy assessment. *J Matern Fetal Neonatal Med.* 2016;29(16):2645-9. doi: 10.3109/14767058.2015.1095883. Epub 2015 Nov 9.
- 47- Asadi M, Foo R, Bhuiyan ZA, Samienasab MR, Salehi AR, Shahrzad S, **Salehi R**. Genetic analysis of cardiac SCN5A Gene in Iranian patients with hereditary cardiac

arrhythmias. *Anatol J Cardiol*. 2016 Mar;16(3):170-4. doi: 10.5152/akd.2015.6060. Epub 2015 May 5.

- 48- **Salehi R**, Atapour N, Vatandoust N, Farahani N, Ahangari F, Salehi AR Methylation pattern of ALX4 gene promoter as a potential biomarker for blood-based early detection of colorectal cancer. *Adv Biomed Res*. 2015 Nov 30;4:252. doi: 10.4103/2277-9175.170677. eCollection 2015.
- 49- Kafeshani M, Janghorbani M, **Salehi R**, Kazemi M, Entezari MH. Dietary approaches to stop hypertension influence on insulin receptor substrate-1 gene expression: A randomized controlled clinical trial. *J Res Med Sci*. 2015 Sep;20(9):832-7. doi: 10.4103/1735-1995.170596.
- 50- Vatandoost N, Ghanbari J, Mojaver M, Avan A, Ghayour-Mobarhan M, Nedaeinia R, **Salehi R**. Early detection of colorectal cancer: from conventional methods to novel biomarkers. *J Cancer Res Clin Oncol*. 2016 Feb;142(2):341-51. doi: 10.1007/s00432-015-1928-z. Epub 2015 Feb 17.
- 51- Salarini R, Sahebkar A, Mirzaei HR, Jaafari MR, Riahi MM, Hadjati J, Asrami MO, Fdaee S, **Salehi R**, Mirzaei H. Epi-drugs and Epi-miRs: Moving beyond current cancer therapies. *Curr Cancer Drug Targets*. 2015 Dec 6. [Epub ahead of print]
- 52- Saadatnia M, Salehi M, Movahedian A, Shariat SZ, Salari M, Tajmirriahi M, Asadimobarakeh E, **Salehi R**, Amini G, Ebrahimi H, Kheradmand E. Factor V Leiden, factor V Cambridge, factor II GA20210, and methylenetetrahydrofolate reductase in cerebral venous and sinus thrombosis: A case-control study. *J Res Med Sci*. 2015 Jun;20(6):554-62. doi: 10.4103/1735-1995.165956.
- 53- Hariri M, **Salehi R**, Feizi A, Mirlohi M, Ghiasvand R, Habibi N. A randomized, double-blind, placebo-controlled, clinical trial on probiotic soy milk and soy milk: effects on epigenetics and oxidative stress in patients with type II diabetes. *Genes Nutr*. 2015 Nov;10(6):52. doi: 10.1007/s12263-015-0503-1. Epub 2015 Nov 17.
- 54- Alsahebfosoul F, Zavaran Hosseini A, **Salehi R**, Etemadifar M, Esmaeil N, Jamshidian A. Evaluation of Soluble Human Leukocyte Antigen-G (sHLA-G) Isoforms and Regulatory T Cells in Relapsing-Remitting Multiple Sclerosis. *Iran J Allergy Asthma Immunol*. 2015 Jun;14(3):298-305.
- 55- Mansoori Y, Daraei A, Naghizadeh MM, **Salehi R**. [The HHEX rs1111875A/G gene polymorphism is associated with susceptibility to type 2 diabetes in the Iranian population]. *Mol Biol (Mosk)*. 2015 Jul-Aug;49(4):601-9. doi: 10.7868/S0026898415040126.



- 56- Pishva E, **Salehi R**, Hoseini A, Kargar A, Taba FE, Hajiyan M, Fadaei R, Ramezanzpour J. Molecular typing of *Brucella* species isolates from Human and livestock bloods in Isfahan province. *Adv Biomed Res.* 2015 May 29;4:104. doi: 10.4103/2277-9175.157798. eCollection 2015.
- 57- Hariri M, **Salehi R**, Feizi A, Mirlohi M, Kamali S, Ghiasvand R. The effect of probiotic soy milk and soy milk on anthropometric measures and blood pressure in patients with type II diabetes mellitus: A randomized double-blind clinical trial. *ARYA Atheroscler.* 2015 Feb;11(Suppl 1):74-80.
- 58- Mirzaei M, Mirzaei H, Sahebkar A, Bagherian A, Masoud Khoi MJ, Reza Mirzaei H, **Salehi R**, Reza Jaafari M, Kazemi Oskuee R. Phylogenetic Analysis of Selected Menthol-Producing Species Belonging to the Lamiaceae Family. *Nucleosides Nucleotides Nucleic Acids.* 2015;34(9):650-7. doi:10.1080/15257770.2015.1047030.
- 59- Vatandoost N, Amini M, Iraj B, Momenzadeh S, **Salehi R**. Dysregulated miR-103 and miR-143 expression in peripheral blood mononuclear cells from induced prediabetes and type 2 diabetes rats. *Gene.* 2015 Nov 1;572(1):95-100. doi: 10.1016/j.gene.2015.07.015. Epub 2015 Jul 8.
- 60- Koulivand L, Mohammadi M, Ezatpour B, **Salehi R**, Markazi S, Dashti S, Kheirollahi M. Mutation analysis of SLC3A1 and SLC7A9 genes in patients with cystinuria. *Urolithiasis.* 2015 Oct;43(5):447-53. doi: 10.1007/s00240-015-0794-0. Epub 2015 Jun 30.
- 61- Shirzade H, Meshkat R, Ganjalikhani-Hakemi M, Mosayebian A, Ghasemi R, Deress F, Parchami Barjui S, Sadri M, **Salehi R**. Association analysis of -416 G>C polymorphism of T-cell immunoglobulin and mucin domain-1 gene with asthma in Iran. *Int J Immunogenet.* 2015 Aug;42(4):265-9. doi: 10.1111/iji.12209. Epub 2015 Jun 3.
- 62- Momenzadeh S, Sadeghi A, Vatandoust N, **Salehi R**. Evaluation of In Vivo Transfection Efficiency of Eudragit Coated Nanoparticles of Chitosan-DNA: A pH-sensitive System Prepared for Oral DNA Delivery. *Iran Red Crescent Med J.* 2015 Apr 25;17(4):e16761. doi: 10.5812/ircmj.17(4)2015.16761. eCollection 2015
- 63- Zeinalian M, Hashemzadeh-Chaleshtori M, **Salehi R**, Kazemi M, Emami MH. Tumor microsatellite instability and clinicopathologic features in Iranian colorectal cancer patients at risk for Lynch syndrome. *J Res Med Sci.* 2015 Feb;20(2):154-60.
- 64- Zeinalian M, Emami MH, Naimi A, **Salehi R**, Hashemzadeh-Chaleshtori M. Immunohistochemical analysis of mismatch repair proteins in Iranian colorectal cancer patients at risk for lynch syndrome. *Iran J Cancer Prev.* 2015 Jan-Feb;8(1):11-7.

- 65- Mansoori Y, Daraei A, Naghizadeh MM, **Salehi R**. Significance of a common variant in the CDKAL1 gene with susceptibility to type 2 diabetes mellitus in Iranian population. *Adv Biomed Res*. 2015 Feb 11;4:45. doi: 10.4103/2277-9175.151256. eCollection 2015.
- 66- Zeinalian M, Emami MH, **Salehi R**, Naimi A, Kazemi M, Hashemzadeh-Chaleshtori M. Molecular analysis of Iranian colorectal cancer patients at risk for Lynch syndrome: a new molecular, clinicopathological feature. *J Gastrointest Cancer*. 2015 Jun;46(2):118-25. doi: 10.1007/s12029-015-9696-1.
- 67- Bahrambeigi V, Ahmadi N, **Salehi R**, Javanmard SH. Genetically modified murine adipose-derived mesenchymal stem cells producing interleukin-2 favor B16F10 melanoma cell proliferation. *Immunol Invest*. 2015;44(3):216-36. doi: 10.3109/08820139.2014.988719. Epub 2015 Jan 7.
- 68- Alani B, **Salehi R**, Sadeghi P, Khodaghali F, Digaleh H, Jabbarzadeh-Tabrizi S, Zare M, Korbekandi H. Silencing of Hsp70 intensifies 6-OHDA-induced apoptosis and Hsp90 upregulation in PC12 cells. *J Mol Neurosci*. 2015 Jan; 55(1):174-83. doi: 10.1007/s12031-014-0298-3. Epub 2014 Apr 13.
- 69- Savabi O, Kazemi M, Kamali S, Salehi AR, Eslami G, Tahmourespour A, Salehi R. Effects of biosurfactant produced by *Lactobacillus casei* on gtfB, gtfC, and ftf gene expression level in *S. mutans* by real-time RT-PCR. *Adv Biomed Res*. 2014 Nov 29;3:231. doi: 10.4103/2277-9175.145729. eCollection 2014.
- 70- Nedaeinia R, Avan A, Manian M, **Salehi R**, Ghayour-Mobarhan M. EGFR as a potential target for the treatment of pancreatic cancer: dilemma and controversies. *Curr Drug Targets*. 2014;15(14):1293-301.
- 71- Bahrambeigi V, Ahmadi N, Moisyadi S, Urschitz J, **Salehi R**, Haghjooy Javanmard S. PhiC31/PiggyBac modified stromal stem cells: effect of interferon  $\gamma$  and/or tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) on murine melanoma. *Mol Cancer*. 2014 Nov 26;13:255. doi: 10.1186/1476-4598-13-255.
- 72- **Salehi R**, Savabi O, Kazemi M, Kamali S, Salehi AR, Eslami G, Tahmourespour A. Effects of *Lactobacillus reuteri*-derived biosurfactant on the gene expression profile of essential adhesion genes (gtfB, gtfC and ftf) of *Streptococcus mutans*. *Adv Biomed Res*. 2014 Aug 19;3:169. doi: 10.4103/2277-9175.139134. eCollection 2014.
- 73- Ahangari F, **Salehi R**, Salehi M, Khanahmad H. A miRNA-binding site single nucleotide polymorphism in the 3'-UTR region of the NOD2 gene is associated with

colorectal cancer. *Med Oncol.* 2014 Sep;31(9):173. doi: 10.1007/s12032-014-0173-7. Epub 2014 Aug 23.

- 74- Eslami G, **Salehi R**. Development of a chamber system for rapid, high yield and cost-effective purification of deoxyribonucleic acid fragments from agarose gel. *Adv Biomed Res.* 2014 Feb 28;3:78.
- 75- Alani B, **Salehi R**, Sadeghi P, Khodaghohi F, Digaleh H, Jabbarzadeh-Tabrizi S, Zare M, Korbekandi H. Silencing of Hsp70 Intensifies 6-OHDA-Induced Apoptosis and Hsp90 Upregulation in PC12 Cells. *J Mol Neurosci.* 2014 Apr 13
- 76- Manzouri L, **Salehi R**, Shariatpanahi S, Rezaie P. Prevalence of human papilloma virus among women with breast cancer since 2005-2009 in Isfahan. *Adv Biomed Res.* 2014 Jan 27;3:75.
- 77- Sharifi M, **Salehi R**, Gheisari Y, Kazemi M. Inhibition of microRNA miR-92a induces apoptosis and inhibits cell proliferation in human acute promyelocytic leukemia through modulation of p63 expression. *Mol Biol Rep.* 2014 May;41(5):2799-808.
- 78- Havaei SA, Mohajeri P, Khashei R, **Salehi R**, Tavakoli H. Prevalence of *Helicobacter pylori vacA* different genotypes in Isfahan, Iran. *Adv Biomed Res.* 2014 Jan 24;3:48.
- 79- Mohammadreza Sharifi, **Rasoul Salehi**, Yousof Gheisari, Mohammad Kazemi. Inhibition of microRNA miR - 92a induces apoptosis and necrosis in human acute promyelocytic leukemia. *Advanced Biomedical Research* | July - September 2013 | Vol 2 | Issue 3
- 80- Mohammadreza Sharifi , **Rasoul Salehi**, Yousof Gheisari, Mohammad Kazemi. Inhibition of MicroRNA miR-92a Inhibits Cell Proliferation in Human Acute Promyelocytic Leukemia. *Turk J Hematol* 2013;30:157-162
- 81- Behrang Alani, **Rasoul Salehi**, Payam Sadeghi, Mohammad Zare, Fariba Khodaghohi, Ehsan Arefian, Mazdak Ganjalikhani Hakemi, Hadi Digaleh. Silencing of Hsp90 Chaperone Expression Protects Against 6-Hydroxydopamine Toxicity in PC12 Cells. *J Mol Neurosci*, 2013, DOI 10.1007/s12031-013-0163-9
- 82- Abbasali Palizban, Mahnaz Nikpour, **Rasoul Salehi**, Mohammad-Reza Maracy. Association of a common variant in TCF7L2 gene with type 2 diabetes mellitus in a Persian population. *Clin Exp Med*, 2013, DOI 10.1007/s10238-011-0144-7

- 83- **R Salehi**, M Mohammadi, MH Emami. Methylation pattern of SFRP1 promoter in stool sample is a potential marker for early detection of colorectal cancer. *Adv Biomed Res* 2012, 1:87
- 84- Gilda Eslami, **Rasoul Salehi**, Sharifeh Khosravi<sup>2</sup> & Monir Doudi. Genetic analysis of clinical isolates of *Leishmania major* from Isfahan, Iran. *J Vector Borne Dis* 49, September 2012, pp. 168–174
- 85- Abdolreza Daraei, **Rasoul Salehi**, Faezeh Mohamadhashem. PTGS2 (COX2) 2765G>C gene polymorphism and risk of sporadic colorectal cancer in Iranian population. *Mol Biol Rep* (2012) 39:5219–5224, DOI 10.1007/s11033-011-1319-8
- 86- Ali Doostmohammadi, Ahmad Monshi, **Rasoul Salehi**, M.H. Fathi, Saeed Karbasi, Uwe Pielers, A.U. Daniel. Preparation, chemistry and physical properties of bone-derived hydroxyapatite particles having a negative zeta potential. *Materials Chemistry and Physics* 132 (2012) 446– 452
- 87- Ali Doostmohammadi, Ahmad Monshi, **Rasoul Salehi**, Mohammad Hossein Fathi, Ehsan Seyedjafari, Abbas Shafiee, Masoud Soleimani. CYTOTOXICITY EVALUATION OF 63S BIOACTIVE GLASS AND BONE-DERIVED HYDROXYAPATITE PARTICLES USING HUMAN BONE-MARROW STEM CELLS. *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub.* 2011 Dec; 155(4):323–326
- 88- Ali Doostmohammadi, Ahmad Monshi, **Rasoul Salehi**, Mohammad Hossein Fathi, Zahra Golniya, Alma. U. Daniels. Bioactive glass nanoparticles with negative zeta potential. *Ceramics International* 37 (2011) 2311–2316
- 89- Abdolreza Daraei, **Rasul Salehi**, Faezeh MohamadHashem. DNA-methyltransferase 3B 39179 G > T polymorphism and risk of sporadic colorectal cancer in a subset of Iranian population. *JRMS* 2011; 16(6): 807-813
- 90- Eslami G, Frikha F, **Salehi R**, Khamesipour A, Hejazi H, Nilforoushzadeh MA. Cloning, expression and dynamic simulation of TRYP6 from *Leishmania major* (MRHO/IR/75/ER). *Mol Biol Rep.* 2011 Aug;38(6):3765-76.
- 91- Tahmourespour A, **Salehi R**, Kermanshahi RK, Eslami G. The anti-biofouling effect of *Lactobacillus fermentum*-derived biosurfactant against *Streptococcus mutans*. *Biofouling.* 2011 Apr;27(4):385-92
- 92- Daraei A, **Salehi R**, Salehi M, Emami MH, Jonghorbani M, Mohamadhashem F, Tavakoli H. Effect of rs6983267 polymorphism in the 8q24 region and rs4444903

polymorphism in EGF gene on the risk of sporadic colorectal cancer in Iranian population. *Med Oncol.* 2011.

- 93- Palizban A, Nikpour M, **Salehi R**, Maracy MR. Association of a common variant in TCF7L2 gene with type 2 diabetes mellitus in a Persian population. *Clin Exp Med.* 2011.
- 94- Arezoo Tahmourespour, **Rasoul Salehi**, Rooha Kasra Kermanshahi. LACTOBACILLUS ACIDOPHILUS-DERIVED BIOSURFACTANT EFFECT ON GTFB AND GTFC EXPRESSION LEVEL IN STREPTOCOCCUS MUTANS BIOFILM CELLS. *Brazilian Journal of Microbiology* (2011) 42: 330-339
- 95- Arezoo Tahmourespour, Rooha Kasra Kermanshahi, **Rasoul Salehi**, Nafiseh Ghasemi Pero. Biofilm formation potential of oral streptococci in related to some carbohydrate substrates. *African Journal of Microbiology Research* Vol. 4 (11), pp. 1051-1056, 2010.
- 96- Hajieh Ghasemian Safaei, Seyed Asghare Havaei, Hamid Tavakkoli, Morteza, Eshaghei, Farahtaj Navabakbar, **Rasoul Salehi**. Relation of bab A2 genotype of Helicobacter pylori infection with chronic active gastritis, duodenal ulcer and non-cardia active gastritis in Alzahra hospital Isfahan, Iran. *Jundishapur Journal of Microbiology* (2010); 3(3): 93-98
- 97- **Salehi R**, Fisher CA, Bignell PA, Eslami G, Old JM. Identification of three novel mutations [-41 (A>C), codon 24 (-G), and IVS-I-109 (-T)], in a study of beta-thalassemia alleles in the Isfahan region of Iran. *Hemoglobin.* 34(1):115-20., 2010
- 98- Arezoo Tahmourespour, Rooha Kasra Kermanshahi, **Rasoul Salehi**, Nafiseh Ghasemi pero, Biofilm formation potential of oral Streptococci in relation to some carbohydrate substrates., *African Journal of Microbiology Research*, 4(11),1051-1056, 2010
- 99- SH Hejazi, N Zia- Jahromi, M Bandehpour, G Eslami, **R Salehi**, A Khamesipour, B Kazemi. Gene Cloning of Iranian Leishmania major Mannose-1-Phosphate Guanyltransferase. *Iranian J Parasitol: Vol. 4, No.3, 2009, pp.1-9*

- 100- M.R. Noori-Dalooi, F. Hashemi-Gorji, M.R. Alivand, M. Hashemi, R. Mirfakhraie, P. Atef-vahid, M. Salehi, **R. Salehi**, C. Azimi. Molecular Identification of the Most Prevalent Mutations of Glucose-6-Phosphate Dehydrogenase (G6PD) in Fars and Isfahan of Iran. *Journal of Sciences, Islamic Republic of Iran* 20(3): 221-225 (2009)
- 101- Tahmourespour A, **Salehi R**, Kermanshahi RK, Eslami G, RNA extraction from Streptococcus mutance biofilms, *Iranian Journal of Medical Microbiology*, 3 (4), 9-14, 2009
- 102- G. Eslami, **R. Salehi**, H Hejazi, A Khamesipour, B Kazemi. Cloning and Expression of TRYP6 Gene from Leishmania major (MRHO/IR/75/ER). *Iranian J Arthropod-Borne Dis*, (2008), 2(1): 7-15
- 103- Hajieh Ghasemian Safaei, Hamid Tavakkoli, Ali Mojtahedi, **Rasoul Salehei**, Bahram Soleimani, Ebtehaj Pishva. Correlation of cagA positive Helicobacter pylori Infection with clinical outcomes in Alzahra hospital, Isfahan, Iran. *JRMS* 2008; 13(4): 196-201
- 104- Arezoo Tahmourespour, Rooha Kasra Kermanshahi, **Rasoul Salehi**, Abdolreza Nabinejad. The Relationship between Cell Surface Hydrophobicity and Antibiotic Resistance of Streptococcal Strains Isolated from Dental Plaque and Carie. *Iranian Journal of Basic Medical Sciences*, Vol. 10, No. 4, Winter 2008, 251- 255
- 105- Bahare Tabanifar, **Rasoul Salehi**, Ezat Asgarani, Mehri Faghihi, Maryam Heidarpur, Tajal Sadat Allame. An Efficient Method for DNA Extraction from Paraffin Wax Embedded Tissues for PCR Amplification of Human and Viral DNA. *Iranian Journal of Pathology* (2008)3 (4), 173- 178
- 106- Tahmourespour A, Kasra-Kermanshahi R, **Salehi R**, Nabi-nejad A. The effect of lactobacillus fermentum ATCC9338 as a probiotic on the adhesion of oral streptococci in vitro. *Iranian Journal of Medical Microbiology* 2008;1(2): 45-51
- 107- Mousazadeh M, Palizban A, **Salehi R**, Salehi M.. Gene delivery to brain cells with apoprotein E derived peptide conjugated to polylysine (apoEdp-PLL). *Drug Target*. 2007;15(3):226-230, 2007
- 108- Palizban AA, **Salehi R**, Nori N, Galehdari H. In vivo transfection rat small intestine K-cell with pGIP/Ins plasmid by DOTAP liposome. *J Drug Target*. 2007;15(5):351-357,2007.
- 109- Azami M, Moghaddam DD, **Salehi R**, Salehi M. The identification of Cryptosporidium species (protozoa) in Ifsahan, Iran by PCR-RFLP analysis of the 18S rRNA gene. *Mol Biol (Mosk)*. 2007 Sep-Oct;41(5):934-9,2007.
- 110- Mojtahedi A, **Salehi R**, Navabakbar F, Tamizifar H, Tavakkoli H, Duronio V. Evaluation of apoptosis induction using PARP cleavage on gastric adenocarcinoma

- and fibroblast cell lines by different strains of *Helicobacter pylori*. Pak J Biol Sci. 2007 Nov 15;10(22):4097-102.
- 111- Salehi M., **Salehi R.**, Nasr-Esfahani B. (2007). Molecular detection and identification of alfa-L-Iduronidase gene mutations in 5 Iranian families suspected for Hurler syndrome (Mucopolysaccharidosis I). Journal of Shaheed Sadoughi University of Medical Sciences. 2007;15(2):57-63.
- 112- Pishva A., Salehi M., **Salehi R.** and Ebrahimi M. R., Identification of *Brucella* spp in central region of Iran. Iranian Journal of Biology (IJB). 20(1):15-22. 2007
- 113- Fazeli. Hossein, **Salhi. Rasoul**, (2006) Antibiotic resistance pattern in Shiga toxin-producing *Escherichia coli* isolated from diarrheal patients in Al-zahra Hospital, Isfahan, Iran. Research in pharmaceutical sciences. 2006;2:99-103.
- 114- Seyed Asghar Havaei, **Rasoul Salehi**, Mohammad Bokaeian and Seyed Ali Fazeli (2006) Comparison of PCR and Culture Methods for Diagnosis of Enteropathogenic *Campylobacter* in Fowl Feces. Iranian Biomedical Journal. 2006;10(1):47.
- 115- Yazdani R, Oshaghi M, Havayi A, **Salehi R.** (2006) detection of icaAD Gene and biofilm formation in staphylococcus aureus Isolates from Wound infections. Iranian J publ health. 2006;35(2):25-28.
- 116- **R Salehi**, M Salehi, Abdul-reza sabahi (2003) Assessment of preimplantation genetic diagnosis(PGD) for childhood-onset spinal muscular atrophy (SMA) using duplex fluorescent PCR. Iranian journal of biotechnology. 2003;1(3):149-154
- 117- Ali Karimi, **Rasoul Salehi** (2005) In vitro interaction and colocalization of HSV-1 ORF P with a cellular splicing factor (SC35) using pulldown assay. Iranian Biomedical Journal. 2005;9(2):67-71
- 118- **Salehi, R.** Salehi, M. Moafi, AR, Geisari, Y. Karimiyan, P (2005) Evaluation of relationship between minimal residual disease(MRD) and relapse in childhood acute lymphoblastic leukemia(ALL) using quantitative fluorescent PCR. Journal of Sciences, IR Iran. 2005;16(3).
- 119- Salehi, M. Pishva, E. **Salehi, R.** Rahmani, M (2006). Isolation of *Brucella abortus* using PCR-RFLP analysis. Iranian J Publ Health VOL35, No 4,pp.22-27
- 120- Moradi, **M. Salehi, R.** Tamizifzr, H (2005). Evaluation of co-infection with human papilloma virus (HPV) and herpes simplex virus (HSV) in patients with various grades of cervical neoplasia, J Isfahan Med School, Vol 22, No 74 & 75 pp. 24-32
- 121- **Salehi, R.** (2004). Report of a novel mutation in  $\alpha$ -L-iduronidase (IDUA) in an Iranian family with Hurler Syndrome (mucopolysaccharidosis I), Iranian Journal of Biology, Vol. 17, No. 1, 80-88
- 122- Navabakbar, F, **Salehi, R.** (2004). PCR and RFLP analysis for identification and typing of *Helicobacter pylori* strains from gastric biopsy specimens. Journal of Sciences 15(3), pp. 227-231

- 123- **Salehi, R.**, Salehi, M. & Sabahi, AR. (2003). Assessment of preimplantation genetic diagnosis (PGD) for childhood-onset spinal muscular atrophy (SMA) using duplex fluorescent PCR. Iranian Journal of Biotechnology; Vol. 1, No. 3, 149-154
- 124- **Salehi, R.** Salehi, M. Mousazadeh, M. Sabahi, AR (2003). Quantitative fluorescent PCR for minimal residual disease detection in childhood acute lymphoblastic leukemia.(Abstract) Leukemia (Nature Publishing Group). Vol. 1, No. 3: 673
- 125- **Salehi, R.,** Salehi, M. & Shoaie, P. (2003) Evaluation of human papilloma virus infection in cervical cancer and P53 gene mutations (Abstract). European Journal of Cancer Supplements; Vol. 1, No. 5, Sept. S60.
- 126- Salehi, M., **Salehi, R.** & Goyns M.H. (2003) A cytogenic study of Burkitts lymphoma cell lines; Daudi, Namalwa and Raji (Abstract). European Journal of Cancer Supplements; Vol. 1, No. 5, Sept. S180.
- 127- **Salehi, R.** (2000). Detection of IVI-5 (G>C) in beta globin gene of the thalassemic patients using primer directed site mutagenesis. Journal of Isfahan Medical faculty; Vol. 57: 30-33