



CURRICULUM VITAE

PERSONAL INFORMATION

Name: Mostafa Moradi Sarabi

Date of Birth: Sep. 1, 1980

Address: Department of Clinical Biochemistry and Genetics, School of Medicine, Lorestan University of Medical Sciences, Khorramabad, Iran

Email: mostafa.moradi@gmail.com

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EDUCATION and TRAINING

Ph.D., Clinical Biochemistry (2009-2015)

Department of Biochemistry, Shiraz University of Medical Sciences, Shiraz, Iran

Thesis: Molecular epigenetic mechanisms of antineoplastic effects of n-3 PUFA on colorectal cancer.

Supervisor: Prof. **F. Naghibalhossaini**

Graduated with the thesis first rank among my peers

Master of Science, Clinical Biochemistry (2007-2009)

Department of Clinical Biochemistry, Tehran University of Medical Sciences, Tehran, Iran

Thesis: The study of Eicosapentaenoic acid (EPA) effect on the expression of the ABCG1 gene in the human monocyte THP-1 cells.

Supervisor: Prof. **Mahmoud Doosti**, Prof. **Nahid Einollahi**.

Bachelor of Science, Biology (2001-2005)

Department of Biology, Isfahan University, Isfahan, Iran

RESEARCH and PROFESSIONAL EXPERIENCES

Chief Editor of the Yafte journal (Jan 2022-present)

Associate Professor (Jan 2022)

Department of Clinical Biochemistry and Genetics, Lorestan University of Medical Sciences, Khorramabad, Iran

Vice Chancellor of Research (2020-2022)

School of Paramedicine, Lorestan University of Medical Sciences, Khorramabad, Iran

Head of Department (2018-2022)

Department of Clinical Laboratory Sciences, Lorestan University of Medical Sciences, Khorramabad, Iran

Vice Chancellor of Education (2015-2017)

Department of Clinical Biochemistry and Genetics, Lorestan University of Medical Sciences, Khorramabad, Iran.

Vice Chancellor of Students Committee Research (2015-2016)

School of medicine, Lorestan University of Medical Sciences, Khorramabad, Iran

Assistant Professor (2015-2021)

Department of Clinical Biochemistry and Genetics, Lorestan University of Medical Sciences, Khorramabad, Iran

TEACHING EXPERIENCES

Clinical Biochemistry (graduate course) 2015-present

Department of Clinical Biochemistry and Genetics, Lorestan University of Medical Sciences, Khorramabad, Iran

Biochemistry of Tissues (graduate course) 2015-present

Department of Clinical Biochemistry and Genetics, Lorestan University of Medical Sciences, Khorramabad, Iran

Cellular and Molecular Biology (graduate course) 2015-present

Department of Clinical Biochemistry and Genetics, Lorestan University of Medical Sciences, Khorramabad, Iran

Cell Culture (graduate course) 2015-present

Department of Clinical Biochemistry and Genetics, Lorestan University of Medical Sciences, Khorramabad, Iran

Biochemistry for Medical Students (undergraduate course) 2015-present

Department of Clinical Biochemistry and Genetics, Lorestan University of Medical Sciences, Khorramabad, Iran

DISTINCTION, HONORS, ACHIEVEMENT, AND AWARDS – A SUMMARY

- 1) The **Second rank** in the national MSc. entrance-exam in Clinical Biochemistry - Iranian Ministry of Health and Medical Education among 1660 students' (2007).
- 2) Member of the national elite foundation.
- 3) Member of the Center for Talented Talents of Tehran University of Medical Sciences.
- 4) Ph.D., thesis score (19.9).

PUBLICATIONS:

1. Esmaeel Babaeenezhad, Zohreh Abdolvahabi, Sahar Asgharzadeh, Masume Abdollahi, Sara Shakeri, **Mostafa Moradi Sarabi**, Sahar Yarahmadi, Potential function of microRNA miRNA-206 in breast cancer pathogenesis: Mechanistic aspects and clinical implications, Pathology - Research and Practice, Volume 260, 2024, <https://doi.org/10.1016/j.prp.2024.155454>.
2. Babaeenezhad E, Rashidipour M, Jangravi Z, **Moradi Sarabi M***, Shahriary A. Cytotoxic and epigenetic effects of berberine-loaded chitosan/pectin nanoparticles on AGS gastric cancer cells: Role of the miR-185-5p/KLF7 axis, DNMTs, and global DNA methylation. Int J Biol Macromol. 2024 Mar;260(Pt 2):129618. doi: 10.1016/j.ijbiomac.2024.129618. Epub 2024 Jan 20. PMID: 38253156.
3. Babaeenezhad E, Dezfoulian O, **Moradi Sarabi M***, Ahmadvand H. Monoterpene linalool restrains gentamicin-mediated acute kidney injury in rats by subsiding oxidative stress, apoptosis, and the NF- κ B/iNOS/TNF- α /IL-1 β pathway and regulating TGF- β . Naunyn Schmiedebergs Arch Pharmacol. 2024 Jan 31. doi: 10.1007/s00210-024-02978-z. Epub ahead of print. PMID: 38294506.
4. Tarhriz V, Abkhoodi L, **Moradi Sarabi M***. Regulation of HIF-1 by MicroRNAs in Various Cardiovascular Diseases. Curr Cardiol Rev. 2023;19(5):51-56. doi: 10.2174/1573403X19666230330105259. PMID: 37005512; PMCID: PMC10518879.
5. Babaeenezhad E, Naghibalhossaini F, Rajabibazl M, Jangravi Z, Hadipour Moradi F, Fattahi MD, Hoheisel JD, **Sarabi MM***, Shahryarhesami S. The Roles of microRNA miR-185 in Digestive Tract Cancers. Noncoding RNA. 2022 Oct 8;8(5):67. doi: 10.3390/ncrna8050067. PMID: 36287119; PMCID: PMC9609348.
6. Babaeenezhad E, **Moradi Sarabi M***, Rajabibazl M, Oraee-Yazdani S, Karima S. Global and Regional DNA methylation silencing of PPAR γ Associated with Glioblastoma Multiforme Pathogenesis. Mol Biol Rep. 2023 Jan;50(1):589-597. doi: 10.1007/s11033-022-08051-3. Epub 2022 Nov 10. PMID: 36355265.
7. **Sarabi MM#**, Babaeenezhad E, Amini M, Kaviani M, Naghibalhossaini F. Bilirubin and Epigenetic Modifications in Metabolic and Immunometabolic Disorders. Endocr Metab Immune Disord Drug Targets. 2021 Nov 24. DOI: 10.2174/1871530321666211125102924. Epub ahead of print. PMID: 34823463.

8. Zarei R, Moghadam D, **Sarabi MM**, Naghibalhossaini F. The effect of benzo[alpha]pyrene on DNA methylation and telomerase activity in human normal and cancer cells. Toxicol In Vitro. 2022 Apr; 80:105331. DOI: 10.1016/j.tiv.2022.105331. Epub 2022 Feb 10. PMID: 35151814.
9. Dastjerd NT, Valibeik A, Rahimi Monfared S, Goodarzi G, **Moradi Sarabi M**, Hajabdollahi F, Maniatis M, Amri J, Samavarchi Tehrani S. Gene therapy: A promising approach for breast cancer treatment. Cell Biochem Funct. 2021 Dec 14. DOI: 10.1002/cbf.3676. Epub ahead of print. PMID: 34904722.
10. Babaeenezhad, E., Nouryazdan, N., Nasri, M., Ahmadvand, H., **Moradi Sarabi, M***. Cinnamic acid ameliorates gentamicin-induced liver dysfunctions and nephrotoxicity in rats through induction of antioxidant activities. (2021) Heliyon, 7 (7), art. no. e07465. DOI: 10.1016/j.heliyon. 2021.e07465
11. Abkhooie L, **Sarabi MM***, Kahroba H, Eyvazi S, Montazersaheb S, Tarhriz V, Hejazi MS. Potential Roles of MyomiRs in Cardiac Development and Related Diseases. Curr Cardiol Rev. 2021;17(4): e010621188335. DOI: 10.2174/1573403X16999201124201021. PMID: 33238844.
12. Leila Abkhooie, **Mostafa Moradi Sarabi***, Houman Kahroba, Hossein Ghanbarian, Soheila Montazer Saheb, Vahideh Tarhriz, Mohammad Saeid Hejazi. Cyclin-dependent Kinase 9 Induces Regional and Global Genomic DNA Methylation Via Influencing DNMT Gene Expression in Mouse Myoblast C2C12 Cells During Differentiation. Crescent Journal of Medical and Biological Sciences, Vol. 8, No. 3, July 2021. eISSN 2148-9696
13. Bagheri, S., **Sarabi, M.M.**, Gholami, M., Assadollahi, V., Khorramabadi, R.M., Moradi, F.H., Ahmadvand, H. D-limonene in diabetic rats. (2021) Journal of Renal Injury Prevention, 10 (3), pp. 1-8. DOI: 10.34172/jrip.2021.24
14. Amirsaeed Sabeti Aghabozorgi, **Mostafa Moradi Sarabi**, Reza Jafarzadeh-Esfehani, Shabnaz Koochakkhani, Marziyeh Hassanzadeh, Soudabeh Kavousipour, Ebrahim Eftekhari. Molecular determinants of response to 5-fluorouracil-based chemotherapy in colorectal cancer: The undisputable role of microribonucleic acids. World J Gastrointest Oncol 2020 September 15; 12(9): 942-956. DOI: 10.4251/who. v12.i9.942
15. Abbaszadeh S, Rashidipour M, Khosravi P, Shahryarhesami S, Ashrafi B, Kaviani M, **Moradi Sarabi M***. Biocompatibility, Cytotoxicity, Antimicrobial and Epigenetic Effects of Novel Chitosan-Based Quercetin Nanohydrogel in Human Cancer Cells. Int J Nanomedicine. 2020 Aug 11; 15:5963-5975. DOI: 10.2147/IJN.S263013. PMID: 32884259; PMCID: PMC7441583.
16. Zal F, Yarahmadi A, Totonchi H, Barazesh M, **Moradi Sarabi M***. Nicotine attenuates global genomic DNA methylation by influencing DNMTs gene expression in human endometrial stromal cells. Genes Environ. 2020 Feb 5; 42:6. DOI: 10.1186/s41021-020-0144-5. PMID: 32042366; PMCID: PMC7003317.
17. **Moradi Sarabi M#**, Mohammadrezaei Khorramabadi R, Zare Z, Eftekhari E. Polyunsaturated fatty acids and DNA methylation in colorectal cancer. World J Clin Cases. 2019 Dec 26;7(24):4172-4185. DOI: 10.12998/wjcc. v7. i24.4172. Review. PubMed PMID: 31911898; PubMed Central PMCID: PMC6940323.
18. Bagheri S, **Sarabi MM**, Khosravi P, Khorramabadi RM, Veiskarami S, Ahmadvand H, Keshvari M. Effects of Pistacia Atlantica on Oxidative Stress Markers and Antioxidant Enzymes Expression in Diabetic Rats. J Am Coll Nutr. 2019 Mar-Apr;38(3):267-274. DOI: 10.1080/07315724.2018.1482577. Epub 2019 Feb 4. PubMed PMID: 30716018.

19. **Moradi Sarabi M***, #, Zahedi SA, Pajouhi N, Khosravi P, Bagheri S, Ahmadvand H, Shahryarhesami S. The effects of dietary polyunsaturated fatty acids on miR-126 promoter DNA methylation status and VEGF protein expression in the colorectal cancer cells. Genes Nutr. 2018 Dec 18; 13:32. DOI: 10.1186/s12263-018-0623-5. PubMed PMID: 30598703; PubMed Central PMCID: PMC6299631.
20. Maktoobian Baharanchi E, **Moradi Sarabi M**, Naghibalhossaini F. Effects of Dietary Polyunsaturated Fatty Acids on DNA Methylation and the Expression of DNMT3b and PPAR α Genes in Rats. Avicenna J Med Biotechnol. 2018 Oct-Dec;10(4):214-219. PMID: 30555653; PMCID: PMC6252034.
21. **Sarabi MM**#, Naghibalhossaini F. The impact of polyunsaturated fatty acids on DNA methylation and expression of DNMTs in human colorectal cancer cells. Biomed Pharmacother. 2018 Feb 22;101: 94-99. PubMed PMID: 29477476.
22. **Mostafa Moradi Sarabi**#, Parvin Ghareghani, Fatemeh Khademi, Fatemeh Zal. Oral Contraceptive Use May Modulate Global Genomic DNA Methylation and Promoter Methylation of APC1 and ESR1. Asian Pac J Cancer Prev. 2017; 18 (9): 2361-2366.
23. Mokarram P, Shakiba-Jam F, Kavousipour S, **Sarabi MM**, Seghatoleslam A. Promoter Methylation Status of Two Novel Human Genes, UBE2Q1 and UBE2Q2, in Colorectal Cancer: a New Finding in Iranian Patients. Asian Pac J Cancer Prev. 2015; 16 (18):8247-52. PubMed PMID: 26745068
24. **Sarabi MM**#, Naghibalhossaini F. Association of DNA methyltransferases expression with global and gene-specific DNA methylation in colorectal cancer cells. Cell Biochem Funct. 2015 Oct; 33(7):427-33. DOI: 10.1002/cbf.3126. Epub 2015 Sep 28. PubMed PMID: 26416384.
25. Mokarram P, Kavousipour S, **Sarabi MM**, Mehrabani G, Fahmidehkar MA, Shamsdin SA, Alipour A, Naini MA. MGMT-B gene promoter hypermethylation in patients with inflammatory bowel disease - a novel finding. Asian Pac J Cancer Prev. 2015; 16 (5):1945-52. PubMed PMID: 25773792
26. Khoshdel Z, Naghibalhossaini F, Abdollahi K, Shojaei S, **Moradi M**, Malekzadeh M. Serum Copper and Zinc Levels Among Iranian Colorectal Cancer Patients. Biol Trace Elem Res. 2015 Sep 2. [Epub ahead of print] PubMed PMID: 26329996
27. Mokarram P, Zamani M, Kavousipour S, Naghibalhossaini F, Irajie C, **Moradi Sarabi M**, Hosseini SV. Different patterns of DNA methylation of the two distinct O6-methylguanine-DNA methyltransferase (O6-MGMT) promoter regions in colorectal cancer. Mol Biol Rep. 2013 May; 40 (5):3851-7. PubMed PMID: 23271133
28. **Moradi Sarabi M**#, Doosti M, Einollahi N, Hesami SS, Dashti N. Effect of eicosapentaenoic acid on the expression of ABCG1 gene in the human monocyte THP-1 cells. Acta Med Iran. 2014; 52 (3):176-81. PubMed PMID: 24901717
29. Dashti N, Einollahi N, Nabatchian F, **Moradi Sarabi M**, Zarebavani M. Significance of albumin and C-reactive protein variations in 300 end-stage renal disease patients in Tehran

30. **Moradi Sarabi Mostafa**[#], Nahid Einollahi, Shahryar Hesami Soroosh, Mehrdad Pedram. Study of eicosapentaenoic acid (EPA) effect on the expression of ABCG1 gene in the human monocyte THP-1 cells by Real-Time – PCR technique. Clinical Biochemistry, Volume 44, Issue 13, Supplement, September 2011, Page S2. (Abstract meeting).

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Publications in Persian:

- ۱- آمنه محمودی، الهام شهاب پور، **مصطفی مرادی سرابی**، صدیقه طهماسبی، مریم کوشکی جهرمی. تاثیر ۸ هفته تمرینات پیلاتس بر شاخص های قلبی عروقی بیماران مبتلا به سرطان سینه. مجله یافته. ۱۳۹۸، جلد ۲۱، شماره ۳، صفحات ۱۱-۱.
- ۲- مهسا یادسار، الهام شهاب پور، **مصطفی مرادی سرابی**، مریم کوشکی جهرمی. تاثیر مصرف مکمل نیترات با مقادیر مختلف بر شاخصهای تخریب سلول کبدی به دنبال یک جلسه تمرین ورزشی در موشهای نر نژاد اسپراگوداولی. مجله یافته (در دست چاپ).

LECTURES PRESENTED IN INTERNATIONAL AND NATIONAL CONGRESSES:

1. Parisa khanicheragh, Esmaeel Babaeenezhad, Ali Asghar Kiani, Amirreza Mousivand, Haniye Mahmoudvand, Mahgol Sadat Safaei, **Mostafa Moradi Sarabi***. The Effects of Carvacrol on VCAM-1 Gene Expression in Experimental Autoimmune Encephalomyelitis (EAE) Rat Models. Proceedings of the 13th International Congress of Medical Laboratory and Clinic, Vol. 8 (2022).
2. Zahra Shokri, Naser Pajouhi, Amirreza Mousivand, Esmaeel Babaeenezhad, Samin Ahmadi, Alireza Gohari, Fatemeh Ghorbani, **Mostafa Moradi Sarabi** *. The Effects of Methizumol and Levothyroxine on DNMT3A Gene Expression in Rat Thyroid Tissue. Proceedings of the 13th International Congress of Medical Laboratory and Clinic, Vol. 8 (2022).
3. **Mostafa Moradi Sarabi***, Abdollah Zahedi, Naser Pajouhi, et al. Promoter methylation analysis of miR-34a, miR-34b/c, miR-126, and miR-9-3 tumor suppressor miRNAs in colorectal cancer cell lines. ICBMB 25-28 Aug 2018, Isfahan-Iran.
4. **Mostafa Moradi Sarabi***, Peyman Khosravi. The status of VEGF gene expression in the colorectal cancer cells. 11th International Congress of Laboratory and Clinic. 16-18 January 2018- Tehran Iran
5. **Mostafa Moradi Sarabi***, Mozghan Taherimoghaddam, Mona Moghadasi. The quantification of the expression level of miR-126 in colorectal cancer cells. 11th International Congress of Laboratory and Clinic. 16-18 January 2018- Tehran Iran.
6. Zal F, **Moradi Sarabi Mostafa***, Taheri R, Khademi F. Promoter Methylation Status of BRCA1 and BRCA2 in Women consuming Oral Contraceptives. Athens Greece. Euro med lab 2017.

7. **Moradi Sarabi Mostafa***, Ghareghani P, Khademi F, Zal F. Oral contraceptives modulate the global genomic DNA methylation and CpG island promoter methylation of APC1 and ESR1. Tehran, Iran, 21-24 Feb 2017.
8. Maktoobian Baharanchi E, **Moradi Sarabi M**, Naghibalhossaini F. Effects of Dietary Polyunsaturated Fatty Acids on DNA Methylation and the Expression of DNMT3b and PPAR α Genes in Rats. *Avicenna J Med Biotechnol.* 2018 Oct-Dec; 10(4):214-219. PubMed PMID: 30555653; PubMed Central PMCID: PMC6252034.
9. **Moradi Sarabi Mostafa#** and Naghibalhossaini F. Association of DNA methyltransferases expression with global DNA methylation in colorectal cancer cells. 8th International congress of Laboratory & clinic and 1th National Congress of Basic Medical Sciences and Knowledge-based production. Tehran, Iran, 6-8 February 2016
10. **Moradi Sarabi Mostafa#**, Nahid Einollahi, Shahryar Hesami Soroosh, Mehrdad Pedram. Study of eicosapentaenoic acid (EPA) effect on the expression of ABCG1 gene in the human monocyte THP-1 cells by Real-Time-PCR technique. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011.
11. **Moradi Sarabi Mostafa#**, Mahmoud Doosti, Nahid Einollahi, Shahryar Hesami Soroosh. The Role of ABC Transporters in Atherosclerosis. 3rd congress of national paramedical students, Tehran, Iran, Mar 2-3 2008. (Becoming the best presenter in Congress)
12. Mohsen Mohammadian Yajloo, Abbas Sahebghadam Lotfi, Shahla Rezaei, Omran Behrad, Maryam Biglarzadeh, **Moradi Sarabi Mostafa**, Naghmeh Zhalehjoo. A New Method for Alpha-1-antitrypsin Genotyping. 2nd, Laboratory and Medicine congress, Tehran, Iran, May 13-16 2008
13. Mohsen Mohammadian Yajloo, Abbas Sahebghadam Lotfi, Omran Behrad, Naghmeh Zhalehjoo, Shahla Rezaei, Seyed Reza musavi, **Moradi Sarabi Mostafa**. Allele Frequency of Common Alpha-1- antitrypsin Variants in Iranian Ethics. 2nd, Laboratory and Medicine congress, Tehran, Iran, May 13-16, 2008
14. Shahla Rezaei, Taghi Golmohammadi, Mahmood Doosti, Abolfazl Golestani, Shahriar Naffisi, Safura Vardasbi, **Moradi Sarabi Mostafa**. Determination of thymidine phosphorylase activity in leukocytes of Iranian MNGIE patients and their plasma thymidine by reverse-phase High-performance Liquid Chromatography (RP-HPLC). 10th Iranian Congress of Biochemistry and 3rd International Congress of Biochemistry and Molecular Biology, 16-19 November 2009, Tehran, Iran.
15. **Moradi Sarabi Mostafa**, Lipids and Health. Tehran University of Medical Sciences, Mar 8, 2008, Tehran, Iran.

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#First author

POSTERS PRESENTED IN INTERNATIONAL AND NATIONAL CONGRESSES:

1. Leila Abkhooie, **Mostafa Moradi Sarabi**, Mohammad Saeid Hejazi. Association between overexpression of CDK9 and the expression of DNMTs gene in mouse myoblast C2C12 cells during differentiation (Research Paper). The 4th International Congress on BioMedicine (ICB2020) Hold on 9th – 16th November 2020, Tehran. Iran.
2. Leila Abkhooie, Vahideh Tarhriz, Mohammad Saeid Hejazi, Hossein Ghanbarian, **Mostafa Moradi Sarabi**. Overexpression of Cdk9 regulates two key myogenesis factors (MyoD and Myogenesis) by hypomethylation of their promoters during cardiac differentiation (Research Paper). The 3rd International Congress on Biomedicine, 6th - 14th November 2019. Tehran, Iran.
3. Leila Abkhooie, Vahideh Tarhriz, Mohammad Saeid Hejazi, **Mostafa Moradi Sarabi**, and Hossein Ghanbarian. CDK9 has a crucial role in cardiac differentiation by modulating of DNA methylation profile in myomas promoter. 24th Iranian & 3rd International Congress of Physiology and Pharmacology, 30 Oct-01 Nov 2019 Tehran, Iran
4. Mona Moghadasi, **Mostafa Moradi Sarabi**. The promoter methylation status of PPAR γ in diabetic patients. 12th International Congress of Medical Lab and Clinic. 12-14 Dec 2019. Tehran, Iran.
5. **Mostafa Moradi Sarabi**, Peyman Khosravi, Parisa Khanicheragh, Mozghan Taherimoghaddam. The promoter methylation status and gene expression level of COX-2 in colorectal cancer cells. 12th International Congress of Medical Lab and Clinic. 12-14 Dec 2019. Tehran, Iran.
6. **Mostafa Moradi Sarabi**, Mozghan Taherimoghaddam, Mona Moghadasi. The quantification of the expression level of miR-126 in colorectal cancer cells. 11th International Congress of Laboratory and Clinic. 16-18 Dec 2018. Tehran, Iran.
7. **Mostafa Moradi Sarabi** and Peyman Khosravi. The status of VEGF gene expression in the colorectal cancer cells. 11th International Congress of Laboratory and Clinic. 16-18 Dec 2018. Tehran, Iran.
8. Fatemeh Zal, Zohreh Mostafavipour, **Mostafa Moradi Sarabi**. Effect of oral contraceptives on cancer susceptibility. ICBMB 25-28 Aug 2018, Isfahan-Iran.
9. **Mostafa Moradi Sarabi**, Abdollah Zahedi, Naser Pajouhi, Peyman Khosravi, Hassan Ahmadvand, Shahrokh Bagheri, Zahra Shokri, Saber Abbaszadeh, Mona Moghadasi. Promoter methylation analysis of miR-34a, miR-34b/c, miR-126 and miR-9-3 tumor suppressor miRNAs in colorectal cancer cell lines. The 15th Iranian National Congress of Biochemistry and the 6th International Congress of Biochemistry and Molecular Biology. 25-28 August 2018- Isfahan-Iran.
10. **Moradi Sarabi Mostafa** and Naghibalhossaini F. Association of DNA methyltransferases expression with global DNA methylation in colorectal cancer cells. 8th International congress of Laboratory & clinic and 1th National Congress of Basic Medical Sciences and Knowledge-based production. Tehran, Iran, 6-8 February 2016 4.

11. **Moradi Sarabi Mostafa**, maktoobian Baharanchi Ehsan, Naghibalhossaini F. The effects of dietary polyunsaturated fatty acids on the global DNA methylation levels in colorectal tissues of rats. 8th International congress of Laboratory & clinic and 1th National Congress of Basic Medical Sciences and Knowledge-based production. Tehran, Iran, 6-8 February 2016.
12. Ehsan Maktoobian Baharanchi, **Mostafa Moradi Sarabi**, Fakhraddin Naghibalhossaini. Effects of Polyunsaturated Fatty Acids (PUFAs) On Global DNA Methylation in Blood of Rats. International Congress on Blood, Diseases and Clinical Administrations. Yasuj, Iran, 11-14 May 2015.
13. Ehsan Maktoobian Baharanchi, **Mostafa Moradi Sarabi**, Fakhraddin Naghibalhossaini. Effects of Polyunsaturated Fatty Acids (PUFAs) On Expression of PPAR- α and DNMT3B in the colon of Rat. International Congress on Blood, Diseases and Clinical Administrations. Yasuj, Iran, 11-14 May 2015.
14. Ehsan Maktoobian Baharanchi, **Mostafa Moradi Sarabi**, Fakhraddin Naghibalhossaini. Effects of Polyunsaturated Fatty Acids (PUFAs) on Global DNA Methylation in Liver of Rats. The 8 th International & 13 the National Congress on Quality Improvement in Clinical Laboratory April, 22 - 25, 2015.
15. **Moradi Sarabi Mostafa**, Mahmoud Doosti, Nahid Einollahi, Shahryar Hesami Soroosh, Mehrdad Pedram. Modulation of ATP binding cassette G1 (ABCG1) gene expression by eicosapentaenoic acid (EPA) in THP-1 monocytic derived- Macrophages. 3rd EUChEMS Chemistry congress, Nurnberg Germany, 29 Aug- 2 Sep 2010.
16. **Moradi Sarabi Mostafa**, Mahmoud Doosti, Nahid Einollahi, Shahryar Hesami Soroosh, Mehrdad Pedram. Modulation of ATP binding cassette G1 (ABCG1) gene expression by eicosapentaenoic acid (EPA) in THP-1 monocytic derived- Macrophages. 11th congress of Iranian Genetic Tehran, Iran, May 22-24, 2010.
17. **Moradi Sarabi Mostafa**, Mahmoud Doosti, Nahid Einollahi, Shahryar Hesami Soroosh. NOD- LRR Proteins. 3rd congress of national paramedical students, Tehran, Iran, Mar 2-3 2008.

TECHNICAL SKILLS:

Highly qualified for molecular and cell biological techniques including:

- **PCR, - RT-PCR, Touchdown-PCR, RFLP, Multiplex-PCR,**
- **Real-Time- PCR,**
- **Gene expression data analysis,**
- **Methylation-specific PCR (MSP),**
- **MTT assay and data analysis**
- **Cell culture and primary cell culture**
- **RNA, DNA extraction and purification,**
- **Southern Blotting,**
- **Western blotting,**
- **MicroRNA Biology,**

COMPUTER SKILLS

Highly Qualified for:

- **SPSS**
- **Graph pad Prism**
- **Endnote**
- **Mendeley**
- **Word**
- **Excel**
- **Power Points**
- **Internet**

OTHER INTERESTS

Professional in chess and ping pong as a hobby.

REFERENCES

- 1- Fakhraddin Naghibalhossaini.
Department of Biochemistry, School of Medicine, Shiraz University of Medical Sciences,
Shiraz, Iran.
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- 2- Kurosh Kalantar.
Department of Immunology, School of Medicine, Shiraz University of Medical Sciences,
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- 3- Soroosh Shahryarhesami.
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