



CURRICULUM VITAE

ZOHREH MOSTAFAVI-POUR

A. PERSONAL RECORD:

Date of birth & place: January 27th, 1961, Shiraz/Iran
Nationality: Iranian
Marital Status: Married, 10th Sep. 1985; One Child (1988)

Professional Address: Department of Biochemistry,
Medical School,
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B. EDUCATION QUALIFICATIONS:

Undergraduate Degree (B.Sc.)	Chemistry 1979-1986	Shiraz University
First Postgraduate Degree (MSc.)	Clinical Biochemistry 1988-1991	Shiraz University of Medical Sciences
Second Postgraduate Degree (PhD.)	Clinical Biochemistry and Cell and Molecular Biology 1997-2001	Manchester University United Kingdom
Third postgraduate Degree (Postdoctoral)	Cell and Molecular Biology 2001-2003	Manchester University United Kingdom

C. ACADEMIC POSITIONS AND PROFESSIONAL APPOINTMENTS:

March 1992-1993:	Instructor, Department of Biochemistry, Fassa, University of Medical Sciences, Fassa, Iran
March 1993- April. 1996:	Instructor, Department of Biochemistry, Shiraz University of Medical Sciences, Shiraz, Iran
September 2001- September 2003	Research Associate, Wellcome Trust Centre for Cell-Matrix Research, Faculty of Life Sciences, University of Manchester, Michael Smith Building, Oxford Road, Manchester, M13 9PT, UK.
October 2003- October 2008	Assistant Prof. in Clinical Biochemistry, Cell and Molecular Biology, Department of Clinical Biochemistry, Shiraz University of Medical Sciences, Shiraz, Iran
October2008- December2014	Associate Prof. in Clinical Biochemistry, Cell and Molecular Biology, Department of Clinical Biochemistry, Shiraz University of Medical Sciences, Shiraz, Iran
December2014-	Professor in Clinical Biochemistry, Cell and Molecular Biology, Department of Biochemistry, Shiraz University of Medical Sciences, Shiraz, Iran

D. COMMITTEES AND OTHER OFFICES

May 2004-	Biochem Dep. Member of Graduate Committee, Shiraz University of Medical Sciences
January 2005-	Medical School Member of Graduate Committee, Shiraz University of Medical Sciences
July 2006- September 2006	Head of Biochemistry Dep.
February 2007-	Head of Biotechnology and Recombinant protein Centre in Biochemistry Dep.
April 2007-November 2008	Vice Chancellor of Graduate School Shiraz University of Medical Sciences
November 2008-	Head of Graduate School of Shiraz University of Medical Sciences

E. Oral and Poster Presentation in Congresses

- 18th international Congress of Biochemistry and Molecular Biology in Birmingham in 2000.
- 53th Harden Congress in August 2001, UK.

- International Congress of Biochemistry and Molecular Biology in 2003, Canada
- BioScience 2004 in Glasgow, UK.
- First International Congress of Biochemistry & Molecular Biology, 2005, Tehran/Iran.
- 9th Iranian Toxicology Congress, May 2007, Shiraz/Iran
- 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, October 2007, Shiraz - Iran,
- Congress of the Croatian Society of Biochemistry and Molecular Biology with international participation, HDBMB 2008, Osijek, Croatia, September, 17-20, 2008.
- Royan International Twin Congress. 10th Congress on Reproductive Biomedicine. 5th Congress on Stem Cell Biology & Technology. September 23-25, 2009 - Tehran
- 10th Iranian Congress of Biochemistry & the 3rd International Congress of Biochemistry and Molecular Biology, November, 16-19, 2009, Tehran.
- Royan International Twin Congress. 10th Congress on Reproductive Biomedicine. 5th Congress on Stem Cell Biology & Technology. September 15-17, 2010 – Tehran.
- XII Asian Pacific Congress of Clinical Biochemistry October 3-7, 2010 - Seoul, Korea
- The first international student congress on Cell and Molecular Medicine, February 17-19 2011 in Shiraz, Iran.
- 2nd National & 1st International congress on cellular and molecular Advances in Non-Contagious Diseases, May 16-18, 2011 in Babol, Iran.
- 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, September 6-9 2011 in Mashhad, Iran.
- 13th ICB & 5th ICBMB, 16-19 APRIL 2013, Yazd-Iran.
- 14th ICB , 16-18 August 2016, Tehran-Iran.
- 22nd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine. 11-15 June 2017. Athens, Greece.
- 15th ICB & 6th ICBMB, 25-28 August 2018, Isfahan-Iran.
- 23rd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine, 19-23 May 2019, Barcelona, Spain.
- 16th ICB & 7th ICBMB, 9-12 November 2020, Tehran-Iran.

F. PUBLICATIONS

1. Khorsand M., **Mostafavi-Pour Z.**, Razban V., Khajeh S., and Zare R. Combination Effects of Telmisartan and Docetaxel on Cell Viability and Metastatic Gene Expression in Human Prostate and Breast Cancer Cells. *Molecular biology Research Communications*. 2022, Article in press.
2. Khorsand, M., Khajeh S.,....., Razban V., **Mostafavi-Pour, Z.** Telmisartan anti-cancer activities mechanism through targeting N-cadherin by mimicking ADH-1 function. *Journal of Cellular and Molecular Medicine*, 2022, <https://doi.org/10.1111/jcmm.17259>.
3. Ranjbar, M., Asadi, M., Nourigorji, M., Sarkari B., Mostafavi-Pour Z.,....., Moghadami, M., Savardashtaki, A. Development of a recombinant nucleocapsid protein-based ELISA for the detection of IgM and IgG antibodies to SARS-CoV-2. *Biotechnology and Applied Biochemistry*, 2022. Article in press.
4. Erfani, M., Zamani, M., Hosseini, S.Y., Mostafavi-Pour, Z., Shafiee, S.M., Saeidnia, M., Mokarram, P. ARID1A regulates E-cadherin expression in colorectal cancer cells: a promising candidate therapeutic target, *Molecular Biology Reports*, October 2021, Pages 6749 – 6756.

5. Asadi-Golshan, R., Razban, V., Mirzaei, E., Rahmanian, A., Khajeh, S., Mostafavi-Pour, Z., Dehghani, F. Efficacy of dental pulp-derived stem cells conditioned medium loaded in collagen hydrogel in spinal cord injury in rats: Stereological evidence, *Journal of Chemical Neuroanatomy*, October 2021, Article number 101978.
6. Yarahmadi, A., Shahrokhi, S.Z., **Mostafavi-Pour, Z.**, Azarpira, N. MicroRNAs in diabetic nephropathy: From molecular mechanisms to new therapeutic targets of treatment, *Biochemical Pharmacology*, July 2021, Article number 114301.
7. Abbasi, A., Movahedpour, A., Amiri, A., Najaf, M.S., **Mostafavi-Pour, Z.** Darolutamide as a second-generation androgen receptor inhibitor in the treatment of prostate cancer, *Current Molecular Medicine*, May 2021, Pages 332 – 346.
8. Vakili, S., Zal, F., Mostafavi-Pour, Z., Savardashtaki, A., Koohpeyma, F. Quercetin and vitamin E alleviate ovariectomy-induced osteoporosis by modulating autophagy and apoptosis in rat bone cells, *Journal of Cellular Physiology*, 2021, 236(5), pp. 3495-3509.
9. Jamali, N., **Mostafavi-Pour, Z.**, Zal, F., Kasraeian, M., Poordast, T., Nejabat, N. Antioxidant ameliorative effect of caffeic acid on the ectopic endometrial cells separated from patients with endometriosis, 2021, *Taiwanese Journal of Obstetrics and Gynecology* 60(2), pp. 216-220
10. Jamali, N., Zal, F., **Mostafavi-Pour, Z.**, Samare-Najaf, M., Poordast, T., Dehghanian, A. Ameliorative Effects of Quercetin and Metformin and Their Combination Against Experimental Endometriosis in Rats, 2021, *Reproductive Sciences*, 28(3), pp. 683-692.
11. Yarahmadi, A., Alamdari, D.H., Azarpira, N., **Mostafavi-Pour, Z.** Vitamin D and diabetic foot ulcers: A missed topic, *International Journal for Vitamin and Nutrition Research*, 2021, Article in Press.
12. Mousavi, P., Morowvat, M.H., Mostafavi-Pour, Z., Aram, F., Malekzadeh, K., Nezafat, N., Ghasemi, Y. Experimental Analysis of E2BB (LTIIb) Signal Peptide in Secretory Production of Reteplase in *Escherichia coli*, 2021, *International Journal of Peptide Research and Therapeutics* ,27(1), pp. 209-218.
13. Yarahmadi, A., Saeed Modaghegh, M.-H., Mostafavi-Pour, Z., Azarpira, N., Mousavian, Bonakdaran, S. Jarahi, L. Samadi, A. A. Peimani, M., Hamidi Alamdari, D. The effect of platelet-rich plasma-fibrin glue dressing in combination with oral vitamin E and C for treatment of non-healing diabetic foot ulcers: a randomized, double-blind, parallel-group, clinical trial, *Expert Opinion on Biological Therapy*,2021, Pages 687 – 696.
14. Amiri, A., Abbasi, A., Dehghani, M., Ramezani., A, Ramezani., F, Zal, F., Mostafavi-Pour, Z. New perspectives of quercetin and vitamin C effects on fibronectin-binding integrins and chemokine receptors in prostate cancer cell lines. 2021, *Bratislava Medical Journal* 122(7), pp. 507-512.
15. Yarahmadi, A., **Mostafavi-Pour, Z.**, Saeed, M.-H., Azarpira, N., Mousavian, A., Bonakdaran, S.,Kermani, F.S., Alamdari, D.H, Association between serum vitamin D, hs-CRP, and prooxidant-antioxidant balance with anthropometric and biochemical parameters in patients with diabetic foot ulcers, 2021, *Clinical Diabetology* ,10(1), pp. 138-143.
16. Shafiei, R., Taghasi, F., Hashemi, S.A., Panahi, Y., Arefkhah, N., Omidian, M., Arianfar, F., Mostafavi-Pour, Z., Sarkari, B, Seroprevalence of cystic echinococcosis using recombinant antigen b-elisa in north khorasan province, northeast of iran.2021, *Iranian Journal of Public Health* 50(3), pp. 592-597.

17. Khajeh, S., Eslami, M., Nezafat, N., Mostafavi-Pour, Z., Negahdaripour, M., Ghasemi, Y., Razban, V. Surveying FDA-approved drugs as new potential inhibitors of N-cadherin protein: a virtual screening approach. 2021, *Structural Chemistry* 31(6), pp. 2355-2369.
18. Bolouki, A., Zal, F., Mostafavi-Pour, Z., Bakhtari, A. Protective effects of quercetin on uterine receptivity markers and blastocyst implantation rate in diabetic pregnant mice. *Taiwanese Journal of Obstetrics and Gynecology*, 2020, 59(6), pp. 927–934.
19. Dastghaib, S., Shojaei, S., Mostafavi-Pour, Z., Pawan Sharma, John B. Patterson, Afshin Samali, Mokarram, P., Ghavami, S. Simvastatin Induces Unfolded Protein Response and Enhances Temozolomide-Induced Cell Death in Glioblastoma Cells. *Cells*, 2020, 9(11).
20. Vakili, S., Zal, F., Mostafavipour, Z., Savardashtaki, A., Khorchani, M.J., Hassanpour, A. Effects of quercetin and vitamin E on ovariectomy-induced oxidative stress in rat serum and tibia, 2020, *Archives of Biological Sciences* 72(1), pp. 95-104.
21. Abbasi A, **Mostafavi-Pour Z.**, Amiri A, Keshavarzi F, Nejabat N, Ramezani F, Sardarian A, Zal F. Chemoprevention of Prostate Cancer Cells by Vitamin C plus Quercetin: role of Nrf2 in Inducing Oxidative Stress. *Nutr. Cancer*. 2020 14:1-11. doi: 10.1080/01635581.2020.1819346.
22. Sarkari, B., Arefkhah, N., Ghorbani, F., Meskini, F., Yektaeian, N., Shahriarirad, S., Mostafavi-Pour, Z. Seroprevalence of Cystic Echinococcosis and related risk factors for infection among children in a rural community in Fars Province, Southern Iran. 2020, *Clinical Epidemiology and Global Health*, 8(1), pp. 13-16.
23. Khatami, S.H., Taheri-Anganeh, M., Movahedpour, A., Savardashtaki, A., Ramezani, A., Sarkari, B., **Mostafavi-Pour, Z.** Serodiagnosis of human cystic echinococcosis based on recombinant antigens B8/1 and B8/2 of *Echinococcus granulosus*, , *Journal of Immunoassay and Immunochemistry*, 2020. pp. 1010-1020
24. Khatami, S.H., Taheri-Anganeh, M., Arianfar, F., Savardashtaki, A., Sarkari, B., Ghasemi, Y., **Mostafavi-Pour, Z.**, Analyzing signal peptides for secretory production of recombinant diagnostic antigen B8/1 from echinococcus granulosus: An in silico approach ,2020, *Molecular Biology Research Communications* 9(1), pp. 1-10.
25. Kavousipour, S., Mokarram, P., Barazesh, M., Arabizadeh., E, Razban., V, Mostafavi-Pour, Z., Mohammadi, S., Abolmaali, S.S. Effect of cd44 aptamer on snail metastasis factor and aggressiveness of mda-mb-231 breast cancer cell line, 2020, *Shiraz E Medical Journal* ,21(5),e94641, pp. 1-9.
26. Taheri-Anganeh M, Amiri A, Movahedpour A, Khatami SH, Ghasemi Y, Savardashtaki A, **Mostafavi-Pour Z.** In silico Evaluation of PLAC1-fliC As a Chimeric Vaccine against Breast Cancer. *Iran Biomed J.* 2020;24(3):173-82. Epub 2019 Nov 18.
27. Taheri-Anganeh M, Khatami SH, Jamali Z, Movahedpour A, Ghasemi Y, Savardashtaki A, **Mostafavi-Pour Z.** LytU-SH3b fusion protein as a novel and efficient enzymatic against methicillin-resistant *Staphylococcus aureus*. *Mol Biol Res Commun.* 2019 Dec;8(4):151-158

28. Rezaei Z., Pouladfar G., Ramezani A., **Mostafavi-Pour Z.**, Abbasian A., Sarkari B., Pourabbas B. Importance of L. Infantum H2B Recombinant Antigen for Serodiagnosis of Visceral Leishmaniasis. *Iran J Immunol.* 2019 Dec;16(4):311-320.
29. Mohammadi, S., **Mostafavi-Pour Z.**, Ghasemi, Y., Barazesh, M., Kavousi Pour, S., Atapour, A., Mokarram, Morowvat, M.H. In silico Analysis of Different Signal Peptides for the Excretory Production of Recombinant NS3-GP96 Fusion Protein in Escherichia coli. *International Journal of Peptide Research and Therapeutics.* 2019 Dec; 25(4): 1279-1290.
30. Zare M., Panahi G., Koushki M., **Mostafavi-Pour Z.**, Meshkani R. Metformin reduces lipid accumulation in HepG2 cells via downregulation of miR-33b. *Arch Physiol Biochem.* 2019 Nov; 5:1-8.
31. Jamali N., **Mostafavi-pour Z.**, Zal F., Kasraeian M., Poordast T., Ramezani F.; Zare R. Combination Effect of Caffeine and Caffeic Acid Treatment on the Oxidant Status of Ectopic Endometrial Cells Separated from Patients with Endometriosis. *Iranian journal of medical Sciences.* 2019, 44: 315-324.
32. Savardashtaki, A., **Mostafavi-Pour, Z.**, Arianfar, F., Sarkari, B. Comparison of the Utility of Recombinant B8/2 Subunit of the Antigen B, Native Antigen, and a Commercial ELISA Kit in the Diagnosis of Human Cystic Echinococcosis. *Iranian biomedical journal*, 2019, 23(4), pp. 246-252.
33. Taheri-Anganeh, M., Khatami, S.H., Jamali, Z., Savardashtaki, A, Ghasemi, Y., **Mostafavi-Pour, Z.** In silico analysis of suitable signal peptides for secretion of a recombinant alcohol dehydrogenase with a key role in atorvastatin enzymatic synthesis. *Molecular Biology Research Communications.* 2019, 8:17-26.
34. Arabizadeh, E., Mostafavi-Pour, Z., Kavousipour, S., (...), Mokarram, P., Ghavami, S, Potential effect of simvastatin as an anti-cancer agent on SOX7 and SOX9 expression in prostate cancer cell lines, *Shiraz E Medical Journal*, 2019, 20(2),e69057.
35. Atapour, A., Mokarram, P., Mostafavi-Pour, Z., Hosseini., S.Y, Ghasemi., Y, Mohammadi, S., Nezafat, N. Designing a Fusion Protein Vaccine Against HCV: An In Silico Approach, 2019, *International Journal of Peptide Research and Therapeutics* , 25(3), pp. 861-872.
36. Eslami, M., Nezafat, N., Khajeh, S., **Mostafavi-Pour Z.**, Bagheri Novir S., Negahdaripour M, Ghasemi, Y., Razban, V. Deep analysis of N-cadherin/ADH-1 interaction: a computational survey. *Journal of Biomolecular Structure and Dynamics.* *J Biomol Struct Dyn.* 2019, 37: 210-228.
37. Sarkari, B., Arefkhah, N., Ghorbani, F., (...), Shahriarirad, S., **Mostafavi-Pour, Z.** Seroprevalence of Cystic Echinococcosis and related risk factors for infection among children in a rural community in Fars Province, Southern Iran. *Clinical Epidemiology and Global Health*, March 2019, 13-16.
38. Atapour, A., **Mostafavi-Pour, Z.**, Mokarram, P., Mohammadi, S. Cloning, expression and purification of a novel fusion protein composed of flagellin and NS5B of hepatitis c virus in Escherichia coli host. *Shiraz E Medical Journal*, January 2019, 20(1), e79898.
39. Barazesh, M., Mostafavi-Pour, Z., Kavousipour, S., Mohammadi, S., Mokarram, P. Two simple methods for optimizing the production of "difficult-to- Express" GnRH-DFF40 chimeric protein, 2019, *Advanced Pharmaceutical Bulletin* ,9(3), pp. 423-431.

40. Saeb, S., Azari, H., Mostafavi-Pour, Z., Ebrahimi, S., Mokarram, P. 9-cis-retinoic acid and 1,25-dihydroxy vitamin D3 improve the differentiation of neural stem cells into oligodendrocytes through the inhibition of the notch and wnt signaling pathways. *Iranian Journal of Medical Sciences*, 2018, 43: 523-532.
41. Yarahmadi, A., Khademi, F., Mostafavi-Pour, Z., Zal, F. In-Vitro Analysis of Glucose and Quercetin Effects on m-TOR and Nrf-2 Expression in HepG2 Cell Line (Diabetes and Cancer Connection). *Nutrition and Cancer*. 2018, 70:770-775.
42. Khajeh, S., Razban, V., Talaei-Khozani, T., (...), Ramezani, A., **Mostafavi-Pour, Z.** Enhanced chondrogenic differentiation of dental pulp-derived mesenchymal stem cells in 3D pellet culture system: effect of mimicking hypoxia. *Biologia*. 2018, 73: 715-726.
43. **Mostafavi-Pour, Z.**, Ashrafi, M.R., Talaei-Khozani, T. Down regulation of ITGA4 and ITGA5 genes after formation of 3D spherules by human Wharton's jelly stem cells (hWJSCs). *Molecular Biology Reports*. 2018, 45:245-252.
44. Razban V., Khaje, S., Alae, S., Mostafavi-Pour Z., Soleimani, M., Tube Formation Potential of BMSCs and USSCs in Response to HIF-1 α Overexpression under Hypoxia. *Cytology and Genetics*. 2018, 52: 236-244
45. Zal, F., Khademi, F., Taheri, R. and **Mostafavi-pour Z.** Antioxidant ameliorating effects against H2O2-induced cytotoxicity in primary endometrial cells. 2018, *Toxicology Mechanisms and Methods*, 28: 122-129.
46. Asadi-Golshan, R., Razban, V., Mirzaei, E., (...), **Mostafavi-Pour, Z.**, Dehghani, F. Sensory and motor behavior evidences supporting the usefulness of conditioned medium from dental pulp-derived stem cells in spinal cord injury in rats. *Asian Spine Journal*. 2018, 5: 785-793.
47. Kavousipour S, Mokarram P, Gargari SLM, Mostafavi-Pour Z, Barazesh M, Ramezani A, Ashktorab H, Mohammadi S, Ghavami S. A comparison between Cell, Protein and Peptide-Based Approaches for Selection of Nanobodies against CD44 from a Synthetic Library. *Protein Pept Lett*. 2018, 25: 580-588.
48. Atapour A, Mokarram P, **Mostafavi-Pour Z**, Ramezani A. Molecular Cloning, Expression, and Purification of a Recombinant Fusion Protein (rNT-gp96-NT300). *BioPharm International*. 2017: 30 (10): 38-44.
49. Mousavi P, **Mostafavi-Pour Z**, Morowat M.H, Nezafat N, Zamani M, Berenjjan A, Ghasemi Y. In silico Analysis of Several Signal Peptides for the Excretory Production of Reteplase in Escherichia coli. *Current Proteomics*. 2017, 14 (4), 326-335.

50. Ramezani F, Samadi N, **Mostafavi-Pour Z**. Sequential Therapy of Breast Cancer Cell Lines with Vitamin C and Quercetin Improves the Efficacy of Chemotherapeutic Drugs *Nutr. Cancer*. 2017 Aug-Sep; 69 (6):881-891.
51. Savardashtaki A, Sarkari B, Arianfar F, **Mostafavi-Pour Z**. Immunodiagnostic Value of Echinococcus Granulosus Recombinant B8/1 Subunit of Antigen B. *Iran J Immunol*. 2017 June;14 (2):111-122.
52. **Mostafavi-pour Z**, Ramezani F, Keshavarzi F, Samadi N. The role of quercetin and vitamin C in Nrf2- dependent oxidative stress production in breast cancer cells. *Oncology Letters*. 2017, 13: 1965-1973.
53. Mortazavi S. M. J, **Mostafavi-Pour Z**, Daneshmand M, Zal F, Zare R, Mosleh-Shirazi M. A. Adaptive Response Induced by Pre-Exposure to 915 MHz Radiofrequency: A Possible Role for Antioxidant Enzyme Activity. *J Biomed Phys Eng* 2017; 7(2): 137-142.
54. Movahedi B, Mokarram P, Hemmati M, Mosavari N, Zare R, MS; Safae Ardekani L, **Mostafavi-Pour Z**. IFN- γ and IL-2 Responses to Recombinant AlaDH against ESAT-6/CFP-10 Fusion Antigens in the Diagnosis of Latent versus Active Tuberculosis Infection. *Iran J Med Sci*. 2017; 42(3):275-283.
55. Sadeghi-Ataabadi M, Mostafavi-Pour Z, Vojdani Z, Sani M, Latifi M, Talaei-Khozani T. Fabrication and characterization of platelet-rich plasma scaffolds for tissue engineering applications. *Mater Sci Eng C Mater Biol Appl*. 2017 Feb 1; 71:372-380. doi: 10.1016/j.msec.2016.10.001. Epub 2016 Oct 3.
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57. Totonchi H, Miladpour B, Mostafavi-Pour Z, Khademi F, Kasraeian M, Zal F. Quantitative analysis of expression level of estrogen and progesterone receptors and VEGF genes in human endometrial stromal cells after treatment with nicotine. *Toxicol. Mech. Methods*. 2016; 26(8):595-600. Epub 2016 Aug 23.
58. Seghatoleslam A, Hemmati M, Ebadat S, Movahedi B, **Mostafavi-Pour Z**. Macrophage Immune Response Suppression by Recombinant Mycobacterium tuberculosis Antigens, the ESAT-6, CFP-10, and ESAT-6/CFP-10 Fusion Proteins. *Iran J Med Sci*. 2016; 41(4):296-304.
59. Assaei R, **Mostafavi-Pour Z**, Pajouhi N, Ranjbar Omrani GH, Sepehrmanesh M, Zal F. Effects of essential oil of *Satureja khuzestanica* on the oxidative stress in experimental hyperthyroid male rat. *Vet Res Forum*. 2015; 6(3):233-8. Epub 2015 Sep 15.
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63. Kazemi, E., Mortazavi, S.M.J., Ali-Ghanbari, A., Sharifzadeh., S, Ranjbaran., F, Mostafavi-Pour, Z, Zal, F., Haghani, M. Effect of 900 MHz electromagnetic radiation on the induction of ROS in human peripheral blood mononuclear cells, 2015, *Journal of Biomedical Physics and Engineering* , 5(3), pp. 105-114.
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65. Dehghani M, Kianpour S, Zangeneh A, **Mostafavi-Pour Z**. CXCL12 modulates prostate cancer cell adhesion by altering the levels or activities of $\beta 1$ -containing integrins. *Int J Cell Biol*. 2014; 2014:981750. doi: 10.1155/2014/981750. Epub 2014 Dec 15.
66. Assaei R, Zal F, **Mostafavi-Pour Z**, Dabbaghmanesh MH, Geramizadeh B, Ranjbar Omrani GH, Pajouhi N. Hepatoprotective Effect of Satureja Khuzestanica Essential Oil and Vitamin E in Experimental Hyperthyroid Rats: Evidence for Role of Antioxidant Effect. *Iran J Med Sci*. 2014 Sep; 39:459-466.
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68. Hemmati M, Seghatoleslam A, Rasti M, Ebadat S, Naghibalhossaini F, **Mostafavi-Pour Z**. Additive effect of recombinant Mycobacterium tuberculosis ESAT-6 protein and ESAT-6/CFP-10 fusion protein in adhesion of macrophages through fibronectin receptors. *J Microbiol Immunol Infect*. 2014 , 28. pii: S1684-1182(14)00113-3.
69. Zal F, **Mostafavi-Pour Z**, Moattari A, Sardarian A, Vessal M. Altered Expression of Alpha2beta1 Integrin in Kidney Fibroblasts: A Potential Mechanism for CsA-induced Nephrotoxicity. *Arch Iran Med*. 2014;17(8):556-62.
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