

CURICULUM VITAE

First name: Shaghayegh

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Data of Birth: 25.04. 1978

Place of Birth: Isfahan, Iran

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Education

University:

- 1- Ph.D of Cardio vascular Physiology, Isfahan University of Medical Sciences (2007)
- 2- M.D, Isfahan University of Medical Sciences. (2002)

Employer:

- 1- Associate Professor of Physiology.
- 2- Research head of Applied physiology research center
- 3- Deputy of Isfahan office of National Talented Institute
- 4- Vice deputy of general practitioner education in medical school
- 5- Head of Faculty Evaluation committee of Isfahan medical school
- 6- Head of Basic Research Council of Isfahan University of Medical Sciences.
- 7- Head of Biomedical Publication Committee of Applied physiology research center
- 8- Head of school of Advanced Thechnologies in Medicine of Isfahan University of Medical Sciences.
- 9- Edithor in cheif of Advanced Biomedical Research journal
- 10- Head of Health Technology development of the University of Medical Sciences

Awards:

- 1- Young Scientist Grant of FEBS Society2010
- 2- Travel Award of ISA 2009, XV congress of atherosclerosis. Boston,USA
- 3- Award for Distinguished postgraduate student in PhD students of Isfahan university of medical sciences 2008
- 4- Travel Award of 5th International Society for Stem Cell Research,Queenslan, Australia, June 17-20, 2007.
- 5- Award for distinguished research projects in Isfahan university of medical sciences 1998
- 6- Award for Top researchers in Isfahan province ,2012.

Book:

1. A Guid to Method Selection in Biomedical Research, Iran, 2008.
2. Medical Science Olympiad Concepts, Disciplines and Methods in University Context Iran, 2008.
3. How do the cells talk to each other? Iran,2012

4. An acquaintance with the system of the medical signal recording in laboratory animals attitude on blood pressure. Iran ,2012

Detail on my career and opportunities for research over the last 5 years

I was the head of APRC during last 5 years in which I have the opportunity to supervise (24) medical doctorate thesis, (6) Pharm D thesis, (18) Msc thesis and (8) PhD thesis.

Furthermore, I had trained at least 56 researchers. I have organized several local, national and international workshops in field of molecular medicine.

Recent significant publications:

1. M Behjati, M Hashemi, M Kazemi, M Salehi, SH Javanmard. Evaluation of Energy Balance on Human Telomerase Reverse Transcriptase (hTERT) Alternative Splicing by Semi-quantitative RT-PCR in Human Umbilical Vein Endothelial Cells. *Adv Biomed Res.* 2017 Apr 17;6:43.
2. MF Bafghi, SS Eshraghi, M Mohsenikia, S Khakpour, Z Azizian, . Nocardia Isolation of Soil. *Advanced Biomedical Research* 2017.6 (1), 1.
3. R Kelishadi, M Hashemipour, B Esteki, MH Tajadini, L Rafiei, ME Motlagh, Relationship of lipoprotein lipase gene variants and fasting triglyceride levels in a pediatric population: The CASPIAN-III study. *Adv Clin Exp Med.* 2017 Jan-Feb;26(1):77-82.
4. S Seifabadi, G Vaseghi, SH Javanmard, E Omidi, M Tajadini, B Zarrin. The cytotoxic effect of memantine and its effect on cytoskeletal proteins expression in metastatic breast cancer cell line. *Iran J Basic Med Sci.* 2017 Jan;20(1):41-45.
5. S Moein, SH Javanmard, M Abedi, MH Izadpanahi, Y Gheisari. Identification of Appropriate Housekeeping Genes for Gene Expression Analysis in Long-term Hypoxia-treated Kidney Cells. *Adv Biomed Res.* 2017 Feb 22;6:15.
6. Rafiee, V Hajhashemi, SH Javanmard. In vitro and in vivo modulation of LPS and carrageenan-induced expression of inflammatory genes by amitriptyline. *Journal of Pharmacy & Pharmacognosy Research* 5 (3), 144-155.
7. The effect of hydroalcoholic extract of *Otostegia persica* (Burm.) Boiss. against H₂O₂-induced oxidative stress in human endothelial cells. L Safaeian, S Yaghoobi, SH Javanmard, N Ghasemi-Dehkordi. *Research Journal of Pharmacognosy (RJP)* 4 (1), 51-58
8. **Javanmard SH**, Heshmat-Ghahdarjani K, Mirmohammad-Sadeghi M, Sonbolestan SA, Ziayi A. The effect of melatonin on endothelial dysfunction in patient undergoing coronary artery bypass grafting surgery. *Adv Biomed Res.* 2016 Nov 28;5:174.

9. Alasvand M, **Javanmard SH**, Rashidi B, Khazaei M. Myocardial capillary density after neuropeptide Y antagonist administration in normal and high-fat diet C57BL6 mice. *Adv Biomed Res.* 2016 Oct 26;5:165.
 10. Safaeian L, Sajjadi SE, Javanmard SH, Montazeri H, Samani F. Protective effect of *Melissa officinalis* extract against H₂O₂-induced oxidative stress in human vascular endothelial cells. *Res Pharm Sci.* 2016 Oct;11(5):383-389.
 11. Haghdooost F, Baradaran Mahdavi MM, Zolfaghari B, Sanei MH, Najafi S, Zandifar A, Manouchehri N, Javanmard SH. The effect of *Quercus brantii* gall extract on burn wound healing in rat. *Iran J Basic Med Sci.* 2016 Oct;19(10):1144-1150.
 12. Safaeian, Leila; Hajhashemi, Valiollah; **Javanmard, Shaghayegh Haghjoo**; et al. The Effect of Protocatechuic Acid on Blood Pressure and Oxidative Stress in Glucocorticoid-induced Hypertension in Rat. *Iranian Journal of Pharmaceutical Research* (2016), 15 (Special issue): 83-91
 13. Rafiee L, Hajhashemi V, **Javanmard SH**. Fluvoxamine inhibits some inflammatory genes expression in LPS/stimulated human endothelial cells, U937 macrophages, and carrageenan-induced paw edema in rat. *Iran J Basic Med Sci.* 2016 Sep;19(9):977-984.
 14. Farhang A, Javanmard SH, Mehvari J, Zare M, Saadatnia M. Inflammation and endothelium response in epileptic patients: A case-control study. *Adv Biomed Res.* 2016 Aug 30;5:131.
 15. Amjadi F, Mehdipoor R, Zarkesh-Esfahani H, Javanmard SH. Leptin serves as angiogenic/mitogenic factor in melanoma tumor growth. *Adv Biomed Res.* 2016 Jul 29;5:127.
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16. Haghjooy Javanmard S, Anari J, Zargar Kharazi A, Vatankhah E. In vitro hemocompatibility and cytocompatibility of a three-layered vascular scaffold fabricated by sequential electrospinning of PCL, collagen, and PLLA nanofibers. *J Biomater Appl.* 2016 Sep;31(3):438-49
 17. Ghomi, Hamed; Emadi, Rahmatollah; Javanmard, Shaghayegh Haghjooye. Fabrication and characterization of nanostructure diopside scaffolds using the space holder method: Effect of different space holders and compaction pressures . *MATERIALS & DESIGN* . MAY 5 2016.
 18. Poursafa, Parinaz; Baradaran-Mahdavi, Sadegh; Moradi, Bitaa; **javanmard sh** ,et al. The relationship of exposure to air pollutants in pregnancy with surrogate markers of endothelial dysfunction in umbilical cord. *ENVIRONMENTAL RESEARCH* . APR 2016
 19. Ghomi, Hamed; Emadi, Rahmatollah; **Javanmard, Shaghayegh Haghjooye**. Preparation of nanostructure bioactive diopside scaffolds for bone tissue engineering by two near net shape manufacturing techniques. *MATERIALS LETTERS* . MAR 15 2016
 20. Mirzaei, H.; Sahebkar, A.; Jaafari, M. R ,**Javanmard sh** .; et al. PiggyBac as a novel vector in cancer gene therapy: current perspective. *CANCER GENE THERAPY* FEB-MAR 2016
 21. Jafari, Tina; Faghihimani, Elham; Feizi, Awat;**javanmard sh** et al. Effects of vitamin D-fortified low fat yogurt on glycemic status, anthropometric indexes, inflammation, and bone turnover in diabetic postmenopausal women: A randomised controlled clinical trial. *CLINICAL NUTRITION* . FEB 2016.
 22. Dana, Nasim; **Javanmard, Shaghayegh Haghjooy**; Rafiee, Laleh. Role of peroxisome proliferator-activated receptor alpha and gamma in antiangiogenic effect of pomegranate peel extract. *IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES.* JAN 2016.

23. Varshosaz, Jaleh; **Javanmard, Shaghayegh Haghjooy**; Soghrati, Sahel; et al. Magnetic chondroitin targeted nanoparticles for dual targeting of montelukast in prevention of in-stent restenosis. RSC ADVANCES . 2016.
24. Amjadi, Fatemehsadat; Aflatoonian, Reza; Javanmard, Shaghayegh Haghjooy; et al. Apolipoprotein A1 as a novel anti-implantation biomarker in polycystic ovary syndrome: A case-control study. JOURNAL OF RESEARCH IN MEDICAL SCIENCES . NOV 2015
25. Naghitorabi M, Mohammadi-Asl J, Sadeghi HM, Rabbani M, Jafarian-Dehkordi A, **Javanmard SH**. Quantitation of CDH1 promoter methylation in formalin-fixed paraffin-embedded tissues of breast cancer patients using differential high resolution melting analysis. Adv Biomed Res. 2016 May.
26. Hasanpour Z, **Javanmard SH**, Gharaaty M, Sadeghi M. Association between serum myeloperoxidase levels and coronary artery disease in patients without diabetes, hypertension, obesity, and hyperlipidemia.. Adv Biomed Res. 2016 Jun
27. Rafiee L, Hajhashemi V, **Javanmard SH**. Maprotiline inhibits LPS-induced expression of adhesion molecules (ICAM-1 and VCAM-1) in human endothelial cells Res Pharm Sci. 2016 Mar.
28. Behfarnia P, Saied-Moallemi Z, **Javanmard SH**, Naseri R. Serum, saliva, and GCF concentration of RANKL and osteoprotegerin in smokers versus nonsmokers with chronic periodontitis. Adv Biomed Res. 2016 Apr
29. Rafiee L, Shokouh P, Roohafza H, Mansourian M, **Javanmard SH**. Association of glutathione S-transferases M1 and T1 gene polymorphisms with the risk of metabolic syndrome in an Iranian population. Adv Biomed Res. 2016 Mar.
30. jafari T, Askari G, Mirlohi M, **Javanmard SH**, Faghihimani E, Fallah AA. Stability of Vitamin D3 in fortified yoghurt and yoghurt drink (Doogh). Adv Biomed Res. 2016 Mar
31. Varshosaz J, Taymouri S, Hassanzadeh F, **Javanmard SH**, Rostami M. Self-assembly micelles with lipid core of cholesterol for docetaxel delivery to B16F10 melanoma and HepG2 cells. J Liposome Res. 2015 Jun
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33. AG Safaeian, **SH Javanmard**, L MH Vahidian. The effect of hydroalcoholic extract of Ferula foetida stems on blood pressure and oxidative stress in dexamethasone-induced hypertensive rats. Research in Pharmaceutical Sciences 2015.10 (4), 326-334.
34. S Taymouri, J Varshosaz, F Hassanzadeh, **SH Javanmard**, N Dana. Optimisation of processing variables effective on self-assembly of folate targeted Synpronc-based micelles for docetaxel delivery in melanoma cells. IET Nanobiotechnology.2015/14Agu.
35. N Safaeian, **SH Javanmard**, L H Namvar. Antihypertensive and antioxidant effects of a hydroalcoholic extract obtained from aerial parts of Otostegia persica (Burm.) Boiss. Research in Pharmaceutical Sciences 2015.10 (3), 192-199.
36. S Zandifar, M Tajaddini, A Zandifar, F Haghdoost, **SH Javanmard**. Prevalence of genetic polymorphism rs11568817 in the promoter region of the gene 5-HTR1B in migraine patients compared with controls. CEPHALALGIA.2015, 35, 259-259.
37. B Dehghan, MR Sabri, **SH Javanmard**, AR Ahmadi, M Mansourian. Neurally mediated syncope: Is it really an endothelial dysfunction? Anatol J Cardiol 2015; 15.
38. L Safaeian, G Asghari, **SH Javanmard**, A Heidarinejad. The effect of hydroalcoholic extract from the leaves of Moringa peregrina (Forssk.) Fiori. on blood pressure and oxidative status in dexamethasone-induced hypertensive rats Adv Biomed Res. 2015 May 11;4:101.
39. A Omid, B Eghbali, **SH Javanmard**, V Ashoorion. General practitioners' encounters in rural and urban care centers in Isfahan with gynecological/obstetric and pediatric diseases. Journal of education and health promotion .2015.

40. Sabri MR, Zolfi-Gol A, Ahmadi A, **Haghjooy-Javanmard S**. Effect of Tadalafil on Myocardial and Endothelial Function and Exercise Performance After Modified Fontan Operation. *Pediatr Cardiol*. 2015
41. Alasvand M, Rashidi B, **Haghjooy Javanmard S**, Khazaei M. Effect of blockade of neuropeptide Y receptor on aortic intima-media thickness and adipose tissue characteristics in normal and obese mice. *Iran J Basic Med Sci*. 2015 May;18(5):443-8.
42. Mostafavi N, **Haghjooy-Javanmard S**, Presidend N, Manssori NS, Kelishadi R. Persistence of endothelial cell damage late after Kawasaki disease in patients without coronary artery complications. *Adv Biomed Res*. 2015 Jan 30;4:25.
43. Shajarian M, Rafiee L, Naji-Esfahani H, **Haghjooy-Javanmard S**, Nizal S. Association of RBP4 gene variants with adverse lipid profile and obesity *Gene*. 2015 Apr 25;561(1):1-5.
44. Bahrambeigi V, Ahmadi N, Moisyadi S, Urschitz J, Salehi R, **Haghjooy Javanmard S**. PhiC31/PiggyBac modified stromal stem cells: effect of interferon γ and/or tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) on murine melanoma. *Mol Cancer*. 2014 Nov 26;13:255.
45. Bahrambeigi V1, Ahmadi N, Salehi R, **Javanmard SH**. Genetically modified murine adipose derived mesenchymal stem cells producing interleukin-2 favors B16F10 melanoma cell proliferation. *Immunol Invest*. 2015;44(3):216-36.
46. Dana N, **Haghjooy Javanmard S**, Laleh Rafiee. Role of Peroxisome Proliferator-activated Receptor alpha and gamma in Antiangiogenic Effect of pomegranate peel extract.. *Iran J Basic Med Sci*. 2015. In press.
47. Sima Seifabadi, **Shaghayegh Haghjooy-Javanmard**. The Inhibitory Effect of Hydroalcoholic Extract of Black Punica Granatum Pericarp on Melanoma Tumor Angiogenesis through PPAR α and PPAR γ Pathways in C57BL6 Mice . *Journal of Isfahan Medical School*. 2015: 33(331), 3rd Week.
48. Sima Seifabadi , Laleh Rafiee , Hajar Naji Esfahani , **Shaghayegh Haghjooy Javanmard**. The Inhibitory Effect of Hydroalcoholic Extract of Black Punica Granatum Pericarp on the Number of Endothelial Progenitor Cells (EPCs) in Melanoma through Peroxisome Proliferator-Activated Receptor- α and γ (PPAR- α and γ) Pathways in C57BL6 Mice . *Journal of Isfahan Medical School*. 2015: 33(334), 2nd Week.
49. N Dana, **Sh Haghjooy javanmard**, L Rafiee. Antiangiogenic and antiproliferative effects of black pomegranate peel extract on melanoma cell line. *Research in Pharmaceutical Sciences*, April 2015; 10(2): 117-124.
50. Mohammad Bagher Tavakoli, Majid Kheirollahi, Ali Kiani, Mohamma Kazemi, Shaghayegh **Haghjooy Javanmard**, Leili Mohebat. Annexin V FITC conjugated as a radiation toxicity indicator in lymphocytes following radiation overexposure in radiotherapy programs. *Adv Biomed Res* 2015 4;4:119.
51. Khazaei M, Kalantari E, Saeidi H, ShabaniKia N, Tahergorabi Z, Rashidi B, Dana N, **Javanmard SH**. Gamma-secretase inhibitor does not modulate angiogenesis in colon adenocarcinoma in obese mice. *Bratisl Lek Listy*. 2015;116(4):248-51.
52. Fatemeh Hendijani, **Shaghayegh Haghjooy Javanmard**, Hojjat Sadeghi-aliabadi. Human Wharton's jelly mesenchymal stem cell secretome display antiproliferative effect on leukemia cell line and produce additive cytotoxic effect in combination with doxorubicin. *Tissue Cell* 2015 Jun 31;47(3):229-34
53. Jaleh Varshosaz, Somayeh Taymouri, Farshid Hassanzadeh, **Shaghayegh Haghjooy Javanmard**, Mahboobeh Rostami. Folated synperonic-cholesteryl hemisuccinate polymeric micelles for the targeted delivery of docetaxel in melanoma. *Biomed Res Int* 2015 8;2015:746093.
54. Athar Omid, Batool Eghbali, **Shaghayegh Haghjooy Javanmard**, Vahid Ashoorion. General practitioners' encounters in rural and urban care centers in Isfahan with gynecological/obstetric and pediatric diseases. *J Educ Health Promot* 2015 27;4:22.

55. Kiyani Heshmat-Ghahdarijani, **Shaghayegh Haghjooy Javanmard**, Seyed Ali Sonbolestan, Mohammad Saadatnia, Seyed Ahmad Sonbolestan. Endothelial Function in Patients with Migraine without Aura during the Interictal Period. *Int J Prev Med* 2015 15;6.
56. Fatemeh Golzar, **Shaghayegh Haghjooy Javanmard**. The effects of kisspeptin-10 on migration and proliferation of endothelial cell. *Adv Biomed Res* 2015 11;4:41.
57. Tina Jafari, Elham Faghihimani, Awat Feizi, Bijan Iraj, **Shaghayegh Haghjooy Javanmard**, Ahmad Esmailzadeh, Aziz A Fallah, Gholamreza Askari. Effects of vitamin D-fortified low fat yogurt on glycemic status, anthropometric indexes, inflammation, and bone turnover in diabetic postmenopausal women: A randomised controlled clinical trial. *Clin Nutr* 2015 Mar
58. Alireza Zandifar, Sima Seifabadi, Ehsan Zandifar, Sajedeh Sohrabi Beheshti, Abolfazl Aslani, **Shaghayegh Haghjooy Javanmard**. Comparison of the effect of topical versus systemic L-arginine on wound healing in acute incisional diabetic rat model. *J Res Med Sci* 2015 Mar;20(3):233-8.
59. Alireza Zandifar, Niloufar Iraj, Maryam Taheriun, Mohammadhasan Tajaddini, **Shaghayegh Haghjooy Javanmard**. Association of the long pentraxin PTX3 gene polymorphism (rs3816527) with migraine in an Iranian population. *J Neurol Sci* 2015 Feb 16;349(1-2):185-9.
60. Fatemeh Golzar, **Shaghayegh Haghjooy Javanmard**, Vahid Bahrambeigi, Laleh Rafiee. The effect of Kisspeptin-10 on mesenchymal stem cells migration in vitro and in vivo. *Adv Biomed Res* 2015 30;4:20.
61. Nasser Mostafavi, Shaghayegh **Haghjooy-Javanmard**, Nahid President, Nayereh Siyah Mansori, Roya Kelishadi. Persistence of endothelial cell damage late after Kawasaki disease in patients without coronary artery complications. *Adv Biomed Res* 2015 30;4:25.
62. Shaghayegh Haghjooy Javanmard, Tayebeh Shahsavarezadeh, Mohammad Saadatnia. Low levels of tissue factor pathway inhibitor increase the risk of cerebral venous thrombosis. *Adv Biomed Res* 2015 6;4.
63. Sahar Salehi, Mohammadhossein Fathi, Shaghayegh **Haghjooy Javanmard**, Farnaz Barneh, Mona Moshayedi. Fabrication and characterization of biodegradable polymeric films as a corneal stroma substitute. *Adv Biomed Res* 2015 6;4.entire
64. Hendijani F, Sadeghi-Aliabadi H, **Haghjooy Javanmard S**. Comparison of human mesenchymal stem cells isolated by explant culture method from entire umbilical cord and Wharton's jelly matrix. *Cell Tissue Bank*. 2014 Dec;15(4):555-65.
65. Bahrami E, Mirmoghtadaee P, Ardalan G, Zarkesh-Esfahani H, Tajaddini MH, **Haghjooy-Javanmard S**, Najafi H, Kelishadi R. Insulin and leptin levels in overweight and normal-weight Iranian adolescents: The CASPIAN-III study. *J Res Med Sci*. 2014 May;19(5):387-90.
66. **Haghjooy-Javanmard S**, Sadeghi M, Safavi S, Gheraati M, Dana N. Prognostic value of the high-mobility group box-1 in young patients with chest pain. *ARYA Atheroscler*. 2014 May;10(3):154-8.
67. Gheissari A, Roomizadeh P, Kelishadi R, Abedini A, **Haghjooy-Javanmard S**, Abtahi SH, Mehdikhani B. Comparison of the performance of the updated Schwartz, combined Schwartz and the Grubb glomerular filtration rate equations in a general pediatric population. *Saudi J Kidney Dis Transpl*. 2014 Sep;25(5):1004-10.
68. Pestechian N, Hosseini Safa A, Tajedini M, Rostami-Nejad M, Mousavi M, Yousofi H, **Haghjooy Javanmard S**. Genetic diversity of *Echinococcus granulosus* in center of Iran. *Korean J Parasitol*. 2014 Aug;52(4):413-8.
69. Kelishadi R, **Haghjooy Javanmard S**, Tajadini MH, Mansourian M, Motlagh ME, Ardalan G, Ban M. Genetic association with low concentrations of high density lipoprotein-cholesterol in a pediatric population of the Middle East and North Africa: The CASPIAN-III study. *Atherosclerosis*. 2014 Sep 23;237(1):273-278.

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71. Zarei G, Reisi P, Alaei H, **Javanmard SH**. Effects of amitriptyline and fluoxetine on synaptic plasticity in the dentate gyrus of hippocampal formation in rats. *Adv Biomed Res*. 2014 Sep 30;3:199.
72. Haghdoost F, **Javanmard SH**, Keyhanian K, Samety AA, Loghmani P, Rafiei L, Sarrafzadegan N. Association of heme oxygenase-1 gene promoter polymorphism and blood pressure in an Iranian population. *Intern Med J*. 2014 Sep;44(9):931-2.
73. Hoseini SG, **Javanmard SH**, Hejazi SH, Rafiei L, Zarkesh SH, Karbalaii K, Khamesipour A. Comparison of immune regulatory factors in acute and chronic lesions of cutaneous leishmaniasis due to *Leishmania major*. *J Res Med Sci*. 2014 Mar;19(Suppl 1):S36-40.
74. Asgary S, Keshvari M, Afshani MR, Amiri M, Laher I, **Javanmard SH**. Effect of fresh orange juice intake on physiological characteristics in healthy volunteers. *ISRN Nutr*. 2014 Mar 4;2014:405867.
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- undergoing coronary artery bypass grafting surgery. *Oxid Med Cell Longev*. 2013;2013:676829.
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 93. H Mir Mohammad Sadeghi, M Rabbani, A Jafarian-Dehkordi, **S Haghjooye Javanmard**, Quantitative evaluation of DNMT3B promoter methylation in breast cancer patients using differential high resolution melting analysis, Vol 8, No 3 (2013)
 94. Sahar Salehi¹, Mohammadhossein Fathi¹, **Shaghayegh Haghjooy Javanmard**, Thomas Bahners², Jochen S. Gutmann, Süleyman Ergün, Klaus P. Steuhl⁸, Thomas A. Fuchsluger. Generation of PGS/PCL Blend Nanofibrous Scaffolds Mimicking Corneal Stroma Structure. Article first published online: 19 JUL 2013
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A statement on your most significant contributions to the research field of this Proposal :

Our research group focused on endothelial cell biology and endothelial function including angiogenesis for several years. We also were interested in endothelial dysfunction in chronic inflammatory states such as atherosclerosis and Diabetes Mellitus and cancer. Interestingly all the above mentioned diseases were associated with pathological angiogenesis in 2012 we have changed our research field from vascular biology to physiological mechanisms which are interrupted in tumor cells, such as cancer cell metabolism, however, it is increasingly recognized that tumor cell

interaction with other cells including fibroblasts , endothelial cells and immune cells and extracellular matrix ,play an important role in tumor progression and metastasis.

A statement detailing the evidence of our capacity to conduct high quality , innovative research and evidence of our national and/or international research standing.

I am the author of at least 160 published papers.I have achieved several young scientist awards of several international congress.I was the member of North American vascular biology organization .I had participated in 2 observship program in USA .The first was in cleveland clinic and angiogenesis (2009) and the second on stem cell in university of IOWA in 2011.

I have funded and was the Edithor in cheif of Advanced Biomedical Research journal form 2012 which was indexed in pubmed from 2013.

We were the first group in iran which transformed mesenchymal stem cells in cancer treatment(PMID: PMC4258801).

I have won 3 national grants during last 5 years .We were the collaborating research center in CASPIAN study .In addition we have some collaborative research activities with SPAIN , Loma Linda(California) university and Karbalaw university.