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Education

Feb 2011 – Feb 2016

Ph.D. in Molecular Medicine, Tehran University of Medical sciences

Sep 1998 – Sep 2001

M.Sc. Laboratory Hematology, tarbiat Modares University

Sep 1996 – sep 1998

B.Sc. Medical Technology, Ahwaz University

Research Experience

In vivo

1. 5 years of experience working in in vivo studies with different mouse and rat strains (1400 hours).
2. 15 years of experience working in in vivo angiogenesis models (corneal micropocket, chick chorioallantoic membrane, rodent mesentery, subcutaneous (s.c.) sponge/matrix/alginate microbead, s.c. Matrigel plug, s.c. disc, and s.c. directed in vivo angiogenesis assays).

In vitro

3. Gene Cloning (T) in cancer cell lines.
4. Photochemical internalization application for improving intracellular activity of peptide nucleic acid.
5. 15 years of experience working in in vitro angiogenesis models. Investigating the anti-angiogenic effect of several drugs and herbs in 3-D and 2-D angiogenesis models.
6. Isolation and maintenance of skin-derived precursors (SKPs) and their differentiation to melanocytes.
7. Primary culture of skin cells specially Melanocytes.
8. Working with different cell lines e.g. Hela, SK-Br3, HEK293T, MH3924A, Caco-2, THP-1 and etc.
9. Extraction, purification and application of kiwifruit actinidin for isolation of different cell types.
10. 8 years of experience working in Protein electrophoresis , Western Blot, Molecular Technique including PCR, RT-PCR, Real time PCR, Bioinformatics, Primer design,.....)

Honors & Awards

2011 Grant winner of international Razi Festiva I (Second Place) , **Iran.**

2012 Grant winner of Shamsipour Festival (Second Place), *Kermanshah, Iran.*

2010-2016 Distinguished Researcher in Kermanshah University of Medical Sciences, *Iran*

Courses, workshops & Internships

2016 Cellular and genetic medicine CRISPR/CAS9, *Iran.*

2015 Phage Display Pasteur Institute of Iran. **Iran**

2014 Immunoinformatics and vaccine design. **Iran**

2013 FISH Technique in Royan Institute, **Iran**

2011 Gene Cloning, Iran University of Medical sciences, **Iran**

2011 Proteomics: Workshop of Proteomics, Tehran, *Iran.*

2009 Stem Cell and tissue engineering, Tehran, *Iran.*

Supervision/Teaching/ Management

Supervision of more than 40 students, for Cell culture / molecular cloning / light and fluorescent microscopy
Teaching in Hematology, cancer Genetics, Angiogenesis models, Primer design, Cellular and Molecular Lab (16 semester)

Head of of Molecular Medicine Kermanshah University of Medical sciences (2 years)

Experimental techniques

Molecular Techniques:

- 1) DNA & RNA extraction
- 2) Primer Design
- 3) RT-PCR & q-PCR
- 4) RFLP
- 5) Molecular Cloning
- 6) Transfection

Imaging Techniques:

- 1) Optical Imaging
- 2) Fluorescent microscopy

In vitro & In vivo

Techniques:

- 1) Primary cell culture
- 2) Cell line & Stem cell culture
- 3) Angiogenesis assay
- 4) Immunocytochemistry
- 5) IP, IV, SC & oral injection

6) Xenograft mice model

Protein assay Techniques:

- 1) Extraction and purification
- 2) Electrophoresis
- 3) Western blotting
- 4) Gel Zymography

References

Dr. Ali Mostafaie

(Dean of Medical Biology Research Center)

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Prof Zuhair Mohammad Hassan

(Advisor of my M.Sc. Thesis)

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Dr. Reza Meshkani

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Sciences, Tehran University of Medical Sciences, Tehran, IRAN E-mail:

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Publications

Poster presentation:

- 30 Oral and poster presentations at various conferences and seminars

Others:

- Translation of books about Apoptosis, Angiogenesis, Quality control of Hematology, End Note, in Persian.
- Peer reviewer in several journals (e.g. Pharmaceutical Biology journal and Plos One.)

Articles:

- 1-Mozhgan Jahania, Mehri Azadbakht, Fatemeh Norooznehada, Kamran Mansouria, L-arginine alters the effect of 5-fluorouracil on breast cancer cells in favor of apoptosis. *Biomedicine & Pharmacotherapy* 88 (2017) 114–123
- 2-Rasouli H, Parvaneh S, Mahnam A, Rastegari-Pouyani M, Hoseinkhani Z, Mansouri K. Anti-angiogenic potential of trypsin inhibitor purified from Cucumis melo seeds: Homology modeling and molecular docking perspective. *Int J Biol Macromol.* 2017 Mar;96:118-128. doi: 10.1016/j.ijbiomac.2016.12.027.
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- 3-Chamani R, Asghari SM, Alizadeh AM, Mansouri K, Doroudi T, Kolivand PH, Ghafouri H, Ehtesham S, Rabouti H, Mehrnejad F. The antiangiogenic and antitumor activities of the N-terminal fragment of endostatin augmented by Ile/Arg substitution: The overall structure implicated the biological activity. *Biochim Biophys Acta.* 2016 Dec;1864(12):1765-1774. doi: 10.1016/j.bbapap.2016.09.014
- 4-Soleymani B, Hafezian SH, Mianji GR, Mansouri K, Chaharaein B, Tajemiri A, Sharifi Tabar M, Mostafaie A. Bovine Sex Determining Region Y: Cloning, Optimized Expression, and Purification. *Anim Biotechnol.* 2016 Aug 10:1-9.
- 5-Identification and characterization of a novel nanobody against human placental growth factor to modulate angiogenesis. Arezumand R, Mahdian R, Zeinali S, Hassanzadeh-Ghassabeh G, Mansouri K, Khanahmad H, Namvar-Asl N, Rahimi H, Behdani M, Cohan RA, Eavazalipour M, Ramazani A, Muyltermans S. *Mol Immunol.* 2016 Oct;78:183-192. doi: 10.1016/j.molimm.2016.09.012
- 6-Malih S, Saidijam M, Mansouri K, Pourjafar M, Tafakh MS, Talebzadeh F, Najafi R. Promigratory and proangiogenic effects of AdipoRon on bone marrow-derived mesenchymal stem cells: an in vitro study. *Biotechnol Lett.* 2016 Sep 15. [Epub ahead of print]

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- 7-Rasouli H, Farzaei MH, Mansouri K, Mohammadzadeh S, Khodarahmi R. *Molecules*. 2016 Aug 23;21(9). pii: E1104. doi: 10.3390/molecules21091104. Review. *Plant Cell Cancer: May Natural Phenolic Compounds Prevent Onset and Development of Plant Cell Malignancy? A Literature Review*.
- *Molecules*. 2016 Aug 23;21(9). pii: E1104. doi: 10.3390/molecules21091104. Review.
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- 8-Pourjafar M, Saidijam M, Mansouri K, Malih S, Ranjbar Nejad T, Shabab N, Najafi R. Cytoprotective effects of endothelin-1 on mesenchymal stem cells: an in vitro study. *Clin Exp Pharmacol Physiol*. 2016 Aug;43(8):769-76. doi: 10.1111/1440-1681.12590.
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- 9- Shahangian SS, H Sajedi R, Hasannia S, Jalili S, Mohammadi M, Taghdir M, Shali A, Mansouri K, Sariri R. A conformation-based phage-display panning to screen neutralizing anti-VEGF VHHs with VEGFR2 mimicry behavior. *Int J Biol Macromol*. 2015 Jun;77:222-34. doi: 10.1016/j.ijbiomac.2015.02.047. Epub 2015 Mar 5.
- 11-Mona Pourjafar, Massoud Saidijam, kamran Mansouri, Sara Malih, Taybeh Ranjbar, Nooshin Shabab, Rezvan Najafi: Cytoprotective effects of endothelin-1 on mesenchymal stem cells: an in vitro study. *Clinical and Experimental Pharmacology and Physiology* 05/2016; DOI:10.1111/1440-1681.12590
- 12-Nahid Shahabadi, Monireh Falsafi, Kamran Mansouri: Improving antiproliferative effect of the anticancer drug cytarabine on human promyelocytic leukemia cells by coating on Fe₃O₄@SiO₂ nanoparticles. *Colloids and surfaces B: Biointerfaces* 02/2016; 141. DOI:10.1016/j.colsurfb.2016.01.054
- 13-Fatemeh Sheikhabaehi, Mozafar Khazaei, Arezou Rabzia, Kamran Mansouri, Ali Ghanbari: Protective Effects of Thymoquinone against Methotrexate-Induced Germ Cell Apoptosis in Male Mice. *International journal of fertility & sterility* 01/2016; 9(4).
- 14-Kamran Mansouri, Ali Mostafaei, Davood Rezazadeh, Mohsen Shahlaei, Mohammad Hossein Modarressi: New function of TSGA10 gene in angiogenesis and tumor metastasis: A Response to a challengeable paradox. *Human Molecular Genetics* 11/2015; DOI:10.1093/hmg/ddv461
- 15-M Mehrabani, M Najafi, T Kamarul, K Mansouri, M Iranpour, M H Nematollahi, M Ghazi-Khansari, A M Sharifi: Deferoxamine preconditioning to restore impaired HIF-1-mediated angiogenic mechanisms in adipose-derived stem cells from STZ-induced type 1 diabetic rats. *Cell Proliferation* 10/2015; 48(5). DOI:10.1111/cpr.12209
- 16-M.R. Nikbakht, M.N. Zarif, F. Oubari, K. Mansouri, R.H. Kia, M.H. Kia, A.T. Miri: Mesenchymal stem cell transplantation: Immunobiology, therapeutic applications and challenges- a review article. *Scientific Journal of Kurdistan University of Medical Sciences* 07/2015; 20(3).
- 17-Reyhane Chamani, S Mohsen Asghari, Ali Mohammad Alizadeh, Sedigheh Eskandari, Kamran Mansouri, Reza Khodarahmi, Majid Taghdir, Zahra Heidari, Ali Gorji, Alireza Aliakbar, Bijan Ranjbar, Khosro Khajeh: Engineering of a disulfide loop instead of a Zn binding loop restores the anti-proliferative, anti-angiogenic and anti-tumor activities of the N-terminal fragment of endostatin: Mechanistic and therapeutic insights. *Vascular Pharmacology* 07/2015; 72. DOI:10.1016/j.vph.2015.07.006
- 18-Ali R. Jalalvand, Mohammad-Bagher Gholivand, Hector C. Goicoechea, Thomas Skov, Kamran Mansouri: Mimicking enzymatic effects of cytochrome P450 by an efficient biosensor for in vitro detection of DNA damage. *International Journal of Biological Macromolecules* 05/2015;
- 19-S. Shirin Shahangian, Reza H Sajedi, Sadegh Hasannia, Shirin Jalili, Mohammad Mohammadi, Majid

Taghdir, Abbas Shali, Kamran Mansouri, Reyhaneh Sariri: A conformation-based phage-display panning to screen neutralizing anti-VEGF VHHs with VEGFR2 mimicry behavior. *International Journal of Biological Macromolecules* 03/2015; 77. DOI:10.1016/j.ijbiomac.2015.02.047

- 20-D. Reza zadeh, M.-T. Moradi, A. Kazemi, K. Mansouri: Childhood Pre-B acute lymphoblastic leukemia and glutathione S-transferase omega 1 and 2 polymorphisms. *International journal of laboratory hematology* 02/2015; 37(4). DOI:10.1111/ijlh.12332
- 21-Maryam Mehrabi, Kamran Mansouri, Saman Hosseinkhani, Reza Yarani, Kheirollah Yari, Mitra Bakhtiari, Ali Mostafaie: Differentiation of human skin-derived precursor cells into functional islet-like insulin-producing cell clusters. *In Vitro Cellular & Developmental Biology - Animal* 01/2015; 51(6). DOI:10.1007/s11626-015-9866-2
- 22-Mohammad Mostafa Nadi, Mohammad Reza Ashrafi Kooshk, Kamran Mansouri, Seyyed Abolghasem Ghadami, Mojtaba Amani, Siroos Ghobadi, Reza Khodarahmi: Comparative Spectroscopic Studies on Curcumin Stabilization by Association to Bovine Serum Albumin and Casein: A Perspective on Drug-Delivery Application. *International Journal of Food Properties* 12/2014; 18(3). DOI:10.1080/10942912.2013.853185
- 23-Sara Darakhshan, Ali Bidmeshkipour, Kamran Mansouri, Hakhamaneshi Mohammad Saeid, Ali Ghanbari: *The Effects of Tamoxifen in Combination with Tranilast on CXCL12-CXCR4 Axis and Invasion in Breast Cancer Cell Lines*. *Iranian journal of pharmaceutical research (IJPR)* 12/2014; 13(2).
- 24-Niloofar Yavari, Farnoosh Emamian, Reza Yarani, Hamid Reza Mohammadi-Motlagh, Kamran Mansouri, Ali Mostafaie: *In vitro inhibition of angiogenesis by heat and low pH stable hydroalcoholic extract of Peganum harmala seeds via inhibition of cell proliferation and suppression of VEGF secretion*. *Pharmaceutical Biology* 12/2014; 53(6). DOI:10.3109/13880209.2014.946057
- 25-F Ahmadi, N Ebrahimi-Dishabi, K Mansouri, F Salimi: *Molecular aspect on the interaction of zinc-ofloxacin complex with deoxyribonucleic acid, proposed model for binding and cytotoxicity evaluation*. *Research in pharmaceutical sciences* 09/2014; 9(5).
- 26-Fahimeh Ghavamipour, S. Shirin Shahangian, Reza H. Sajedi, S. Shahriar Arab, Kamran Mansouri, Mahmoud Reza Aghamaali: *Development of highly potent anti-angiogenic VEGF8-109 heterodimer by directed blocking of its VEGFR-2 binding site*. *FEBS Journal* 08/2014; 281(19). DOI:10.1111/febs.12956
- 27-Somaye Mirzaaghaei, Hassan Akrami, Kamran Mansouri: *Ferulago angulata Flower and Leaf Extracts Inhibit Angiogenesis in vitro through Reducing VEGF-A and VEGFR-2 Genes Expression*. 04/2014; 17(4).
- 28-Hassan Rasouli, Kamran Mansouri, Leila Mahamed-Khosroushahi: *Anti-angiogenic/inflammatory Behavior of Mushroom Ganoderma Lucidum Extract could be Effective for Treatment of Corneal Neovascularization: A Hypothesis*.
- 29-Delnia Arshadi, Kamran Mansouri, Reza Khodarahmi, Parivash Seyfi, Yadollah Shakiba, Ali Mostafaie: *In vitro anti-angiogenic activity of Allium Hirtifolium In vitro Anti-angiogenic Activity of Persian Shallot (Allium Hirtifolium) Extract Is Mediated Through Inhibition of Endothelial Cell Proliferation/Migration and Down-regulation of VEGF and MMP Expression*.
- 30-L.B. Hejazian, M.B. Hejazian, F. Moradi, B. Esmaeilzadeh, F. Moghani Ghoroghi, M. Bakhtiari, A. Aslani, K. Mansouri, M. Nobakht: *Isolation and culture of hair follicle stem cells (HFSCs) and their use for regeneration of the sciatic nerve in rat*. *Journal of the Neurological Sciences* 10/2013; 333. DOI:10.1016/j.jns.2013.07.2323
- 31-Kamran Mansouri, Reza Khodarahmi, Seyyed Abolghasem Ghadami: *An in vitro model for spontaneous angiogenesis using rat mesenteric endothelial cells: Possible therapeutic perspective for obesity and related disorders*. *Pharmaceutical Biology* 06/2013; 51(8). DOI:10.3109/13880209.2013.773452

- 32-H. Adibi, R. Khodarahmi, K. Mansouri, M. Khaleghi, S. Maghsoudi: *Synthesis of 4-aryl-4H-chromene derivatives with boric acid: Evaluation of their in vitro anti-angiogenesis effects and possible mechanism of action.*
- 33-Reza Yarani, Kamran Mansouri, Ali Bidmeshkipour, Maryam Mehrabi, Ali Ebrahimi, Kaikaoos Gholami, Kheirollah Yari, Ali Mostafaie: *Primary culture of human skin melanocyte and comparison of culture in the presence and absence of phorbol ester.* Tehran University Medical Journal 06/2013; 71(3).
- 34-Reza Yarani, Kamran Mansouri, Hamid Reza Mohammadi-Motlagh, Mitra Bakhtiari, Ali Mostafaie: *New procedure for epidermal cell isolation using kiwi fruit actinidin, and improved culture of melanocytes in the presence of leukaemia inhibitory factor and forskolin.* Cell Proliferation 05/2013; 46(3). DOI:10.1111/cpr.12028
- 35-Hadi Adibi, Mohammad Bagher Majnooni, Ali Mostafaie, Kamran Mansouri, Moslem Mohammadi: *Synthesis, and In-vitro Cytotoxicity Studies of a Series of Triazene Derivatives on Human Cancer Cell Lines.* Iranian journal of pharmaceutical research (IJPR) 03/2013; 12(4).
- 36-Mohammad Reza, Ashrafi Kooshk, Kamran Mansouri, Mohammad Mostafanadi, Sina Khodarahmi, Reza Khodarahmi: *In vitro anti-cancer activity of native curcumin ... In Vitro Anti-Cancer Activity of Native Curcumin and " Protein-Curcumin " Systems: A Perspective on Drug-Delivery Application.*
- 37-Kheirollah Yari, Saboor Afzali, Hadi Mozafari, Kamran Mansouri, Ali Mostafaie: *Molecular cloning, expression and purification of recombinant soluble mouse endostatin as an anti-angiogenic protein in Escherichia coli.* Molecular Biology Reports 01/2013; 40(2).
- 38-Reza Khodarahmi, Zahra Hossein-pour, Sirous Ghobadi, Kamran Mansouri, Ali Mostafaie, et al: *Non-specific peroxidase activity and catalase-inhibitory behavior of fibrillar aggregates after interaction with heme: Relevance to the etiology of amyloid-related neurodegenerative disorders using the experimental-based evidences.* Journal of the Iranian Chemical Society 12/2012; 9(6). DOI:10.1007/s13738-012-0111-6
- 39-Reza Yarani, Kamran Mansouri, Hamid R Mohammadi-Motlagh, Azadeh Mahnam, Mohammad S Emami Aleagha: *In vitro inhibition of angiogenesis by hydroalcoholic extract of oak (Quercus infectoria) acorn shell via suppressing VEGF, MMP-2, and MMP-9 secretion.* Pharmaceutical Biology 11/2012; 51(3). DOI:10.3109/13880209.2012.729147
- 40-Kheirollah Yari, Saboor Afzali, Hadi Mozafari, Kamran Mansouri, Ali Mostafaie: *Molecular cloning, expression and purification of recombinant soluble mouse endostatin as an anti-angiogenic protein in Escherichia coli.* Molecular Biology Reports 10/2012; 40(2). DOI:10.1007/s11033-012-2144-4
- 41-Nima Sanadgol, Ali Mostafaie, Kamran Mansouri, Gholamreza Bahrami: *Effect of palmitic acid and linoleic acid on expression of ICAM-1 and VCAM-1 in human bone marrow endothelial cells (HBMECs).* Archives of medical research 05/2012; 8(2). DOI:10.5114/aoms.2012.28544
- 42-M Bakhtiari, K Mansouri, Y Sadeghi, A Mostafaie: *Proliferation and differentiation potential of cryopreserved human skin-derived precursors.* Cell Proliferation 04/2012; 45(2). DOI:10.1111/j.1365-2184.2011.00803.x
- 43-R. Khodarahmi, Z. Hossein-Pour, K. Mansouri, S.A. Ghadami: *Amyloidogenic proteins, in their fibrillar states, may be detrimental via different mechanisms: Perspective of potential curative/preventive strategies against neurodegenerative disorders.*
- 44-M.-B. Majnooni, K. Mansouri, M.-B. Gholivand, A. Mostafaie, H.-R. Mohammadi-Motlagh, N.-S. Afanzade, M.-M. Abolghasemi, M. Piriyaee: *Chemical composition, cytotoxicity and antioxidant activities of the essential oil from the leaves of Citrus aurantium L.* AFRICAN JOURNAL OF BIOTECHNOLOGY 01/2012; 11(2).

- 45-Mohammad-Bagher Majnooni, Kamran Mansouri, Mohammad-Bagher Gholivand, Ali: *Chemical composition, cytotoxicity and antioxidant activities of the essential oil from the leaves of Citrus aurantium L.* AFRICAN JOURNAL OF BIOTECHNOLOGY 01/2012; 11(2-11).
- 46-Maryam Keshavarz, Ali Bidmeshkipour, D Ph, Ali Mostafaie, Kamran Mansouri, Hamid-Reza Mohammadi-Motlagh: *A r c h v i e o f S I D Anti Tumor Activity of Salvia officinalis is Due to Its Anti-Angiogenic, Anti-Migratory and Anti-Proliferative Effects.* Yakhteh 12/2011; 12(4).
- 47-Somaye Mirzaghahi, Kamran Mansouri, Hossein Fallahi: *Anti-angiogenic activity of ethanol extracts of Ferulago angulata leaves.* Clinical Biochemistry 09/2011; 44(13). DOI:10.1016/j.clinbiochem.2011.08.279
- 48-Kamran Mansouri, Reza Khodarahmi, Alireza Foroumadi, Ali Mostafaie, Hamidreza Mohammadi Motlagh: *Anti-angiogenic/proliferative behavior of a "4-aryl-4H-chromene" on blood vessel's endothelial cells: A possible evidence on dual "anti-tumor" activity.* Medicinal Chemistry Research 09/2011; 20(7). DOI:10.1007/s00044-010-9418-y
- 49-Hamid-Reza Mohammadi-Motlagh, Ali Mostafaie, Kamran Mansouri: *Anticancer and anti-inflammatory activities of shallot (Allium ascalonicum) extract.* 02/2011; 7(1). DOI:10.5114/aoms.2011.20602
- 50-M. Bakhtiari, K. Mansouri, A. Mostafaie, Y. Sadeghi, H. Mozafari, R. Ghorbani, M.R. Tavirani: *Isolation of skin-derived precursors from human foreskin and their differentiation into neurons and glial cells.* Tehran University Medical Journal 12/2010; 68(9).
- 51-Ali Mostafaie, Hamid Reza Mohammadi Motlagh, Kamran Mansouri: *Angiogenesis and the Models to Study Angiogenesis.* Yakhteh 12/2010; 11(4).
- 52-Kamran Mansouri, Hamid Reza Mohammadi Motlagh, Maryam Keshavarz: *Tranilast could has potential therapeutic value in the treatment of psoriasis.* Medical Hypotheses 10/2010; 76(2). DOI:10.1016/j.mehy.2010.09.034
- 53-Maryam Keshavarz, Ali Mostafaie, Kamran Mansouri, Ali Bidmeshkipour, Hamid Reza Mohammadi Motlagh, Shahram Parvaneh: *In Vitro and Ex Vivo Antiangiogenic Activity of Salvia officinalis.* Phytotherapy Research 10/2010; 24(10). DOI:10.1002/ptr.3168
- 54-Parivash Seyfi, Ali Mostafaie, Kamran Mansouri, Delnia Arshadi, Hamid-Reza Mohammadi-Motlagh, Amir Kiani: *In vitro and in vivo anti-angiogenesis effect of shallot (Allium ascalonicum): A heat-stable and flavonoid-rich fraction of shallot extract potently inhibits angiogenesis.* Toxicology in Vitro 09/2010; 24(6). DOI:10.1016/j.tiv.2010.05.022
- 55-Zohreh Rahimi, Hadi Mozafari, Ali Shahriari-Ahmadi, Kamran Alimogaddam, Ardeshir Ghavamzadeh, Mozafar Aznab, Kamran Mansouri, Mansour Rezaei, Abbas Parsian: *Deep venous thrombosis and thrombophilic mutations in western Iran: Association with factor V Leiden.* Blood coagulation & fibrinolysis: an international journal in haemostasis and thrombosis 07/2010; 21(5). DOI:10.1097/MBC.0b013e328330e69a
- 56-M. Hesari, K. Mansouri, A. Mostafaie, A. Bidmeshkipour: *An optimized mixture of kiwifruit actinidin and trypsin for isolation and culture of endothelial cells from rat aorta.* Tehran University Medical Journal 06/2010; 68(3).
- 57-Nima Sanadgol, Ali Mostafaie, Gholamreza Bahrami, Kamran Mansouri, Fariba Ghanbari, Ali Bidmeshkipour: *Elaidic acid sustains LPS and TNF-alpha induced ICAM-1 and VCAM-I expression on human bone marrow endothelial cells (HBMEC).* Clinical biochemistry 05/2010; 43(12). DOI:10.1016/j.clinbiochem.2010.04.066

- 58-Maryam Keshavarz, Amir Hossein Norooznejhad, Kamran Mansouri, Ali Mostafaie: *Iranian Journal of Medical Hypotheses and Ideas Cannabinoid (JWH-133) therapy could be effective for treatment of corneal neovascularization Iranian Journal of Medical Hypotheses and Ideas*. Iranian Journal of Medical Hypotheses and Ideas 01/2010; 4(1).
- 59-K. Mansouri, A. Mostafaie, H.R. Mohammadi-Motlagh, Y. Shakiba: *Corneal neovascularization: Review article*. Scientific Journal of Kurdistan University of Medical Sciences 01/2010; 15(1).
- 60-M. Keshavarz, A.H. Norooznejhad, K. Mansouri, A. Mostafaie: *Cannabinoid (JWH-133) therapy could be effective for treatment of corneal neovascularization*. Iranian Journal of Medical Hypotheses and Ideas 01/2010; 4(1).
- 61-Ali Mostafaie, Kamran Mansouri, M Sc, Amir-Hossein Norooznejhad, B Sc, Hamid-Reza Mohammadi-Motlagh: *Anti-Angiogenic Activity of Ficus carica Latex Extract on Human Umbilical Vein Endothelial Cells*. Yakhteh 01/2010; 12(4).
- 62-Reza Khodarahmi, Fardin Naderi, Ali Mostafaie, Kamran Mansouri: *Heme, as a chaperone, binds to amyloid fibrils and forms peroxidase: Possible evidence on critical role of non-specific peroxidase activity in neurodegenerative disease onset/progression using the α -crystallin-based experimental system*. Archives of Biochemistry and Biophysics 12/2009; 494(2). DOI:10.1016/j.abb.2009.12.010
- 63-Yadollah Shakiba, Kamran Mansouri, Delnia Arshadi, Nima Rezaei: *Corneal Neovascularization: Molecular Events and Therapeutic Options*. Recent Patents on Inflammation & Allergy Drug Discovery 12/2009; 3(3). DOI:10.2174/187221309789257450
- 64-Kamran Mansouri, Ali Mostafaei, Manochehr Mirshahi, Hamidreza Mohammadi Motlagh, Ali Maleki, Maryam Keshavarz: *Human Coagulated Plasma as a Natural and Low Cost Matrix for in vitro Angiogenesis*. Iranian biomedical journal 08/2009; 13(3).
- 65-Hamid Reza, Mohammadi Motlagh, M Sc, Kamran Mansouri, Yadollah Shakiba, Maryam Keshavarz, Reza Khodarahmi, Abbas Siami, Ali Mostafaie: *Anti-Angiogenic Effect of Aqueous Extract of Shallot (Allium ascalonicum) Bulbs in Rat Aorta Ring Model*. Yakhteh 06/2009; 11(2).
- 66-A. Maleki, K. Mansouri, M. Mirshahi, A.K. Pourfathollah, M. Akrami: *The potentials of antiplasminogen monoclonal antibodies in fibrinolytic and angiogenesis system manipulation*. Tehran University Medical Journal 04/2009; 67(1).
- 67-Maryam Keshavarz, Ali Mostafaie, Kamran Mansouri, Yadollah Shakiba, Hamid Reza Mohammadi Motlagh: *Inhibition of Corneal Neovascularization with Propolis Extract*. Archives of medical research 02/2009; 40(1). DOI:10.1016/j.arcmed.2008.10.004
- 68-Ali Mostafaie, Ali Bidmeshkipour, Zeinab Shirvani, Kamran Mansouri, Maryam Chalabi: *Kiwifruit Actinidin: A Proper New Collagenase for Isolation of Cells from Different Tissues*. Applied Biochemistry and Biotechnology 03/2008; 144(2). DOI:10.1007/s12010-007-8106-y
- 69-Yadollah Shakiba, Kamran Mansouri, Ali Mostafaie: *Anti-angiogenic effect of soybean Kunitz trypsin inhibitor on human umbilical vein endothelial cells*. Fitoterapia 01/2008; 78(7-8). DOI:10.1016/j.fitote.2007.03.027
- 70-K Mansouri, M Mirshahi, A Pourfathollah, Z M Hassan, R Taheripak: *Anti-plasminogen monoclonal antibody (MC2B8) inhibites angiogenesis*. Pakistan Journal of Biological Sciences 11/2007; 10(19). DOI:10.3923/pjbs.2007.3450.3453
- 71-A. Bidmeshkipour, Z. Shirvani Farsani, K. Mansouri, A. Mostafaie: *Isolation of human umbilical vein*

endothelial cells using kiwifruit actinidin. *Yakhteh* 06/2007; 9(2).

- 72-Zuhair M Hassan, Reza Feyzi, Ali Sheikhan, Afshar Bargahi, Ali Mostafaie, Kamran Mansouri, Somayeh Shahrokhi, Tooba Ghazanfari, Shahram Shahabi: *Low molecular weight fraction of shark cartilage can modulate immune responses and abolish angiogenesis*. *International Immunopharmacology* 07/2005; 5(6). DOI:10.1016/j.intimp.2005.01.006