



Name : Hassan Ahmadvand

Born in : Toyserkan ,1st Farvardine 1346 (21rd March. 1967)

Affiliation: Lorestan University of Medical Sciences

Qualifications: B.Sc. (Chemistry) Bualisina Univ. (1990);

M.S. (Clinical Biochemistry) Tarbiat Modares Univ. (1993);

Ph.D. (Clinical Biochemistry) Isfahan University of Medical Sciences.(2005)

Fellowship Detection of LDL receptor gene mutation, Department of Lipidology, Graduate School of Medical Science, Kanazawa University, Japan

Position: Professor in Clinical Biochemistry and head of department of Clinical Biochemistry and genetic

Address: Dept. of Biochemistry, School of medicine, Lorestan University of Medical Sciences, Khorramabad, IRAN

e.Mail : hassan_a46@yahoo.com

Tel: +98-913-2267893, +98-661-6200133; Fax: +98-661-6200133

Publications and Research activities :

Publications of papers: 90 papers

1. Pourkhodadad S, Alirezaei M, Moghaddasi M, Ahmadvand H, Karami M, Delfan B, Khanipour Z. Neuroprotective effects of oleuropein against cognitive dysfunction induced by colchicine in hippocampal CA1 area in rats. *J Physiol Sci*. 2016 Sep;66(5):397-405. doi: 10.1007/s12576-016-0437-4
2. Mostafa Cheraghi, Hassan Ahmadvand (Corresponding author), Ali Maleki, Salman Bazvand, Fatemeh Hassanzadeh. Paraoxonase 1 activity, Lipid profile and atherogenic indexes status in coronary heart disease. *Rep Biochem Mol Biol*. 2016. Accepted.
3. Ali Reza khalatbarya,*, Hassan Ahmadvandb, Davood Nasiry Zarrin Ghabaeae, Abbasali Karimpour Malekshaha, Azam Navazesha Virgin olive oil ameliorates deltamethrin-induced nephrotoxicity in mice: A biochemical and immunohistochemical assessment *Toxicology Reports* 3 (2016) 584–590
4. Ali Mohmadian, Hassan Ahmadvand, Reza Karamian. Antioxidant Activity and Total Phenolic, Total Flavonoid Content of the Saffron Petal Extracts Planted in the farms of the Lorestan Province. *Saffron Agronomy & Technology*. 2016. Accepted.
5. Ahmadvand H, Ahmadi SAY, Sayahi A, Rezaian J. Role of Apoptosis in CNS Emphasizing Spinal Cord Injuries: A Commentary. *IrJNS*. 2015;1(4):30-31
6. Ahmadvand H, Bagheri S, Tamjidi-Poor A, Cheraghi M, Azadpour M, Ezatpour B, Moghadam S, Shahsavari G, Jalalvand M. Biochemical effects of oleuropein in gentamicin-induced nephrotoxicity in rats. *ARYA Atheroscler*. 2016 Mar;12(2):87-93.
7. Shahraki MR, Samadi Noshahr Z, Ahmadvand H, Nakhaie A. Anti-nociceptive and anti-inflammatory effects of *Withania somnifera* root in fructose fed male rats. *J Basic Clin Physiol Pharmacol*. 2016 Jun 1;27(4):387-91. doi: 10.1515/jbcpp-2015-0053.
8. Samadi Noshahr Z, Shahraki MR, Ahmadvand H (Corresponding author), Nourabadi D, Nakhaei A. Protective effects of *Withania somnifera* root on inflammatory markers and insulin resistance in fructose-fed rats. *Rep Biochem Mol Biol*. 2015 Apr;3(2):62-7.
9. Zende-Del A, Gholami MR, Abdollahpour F, Ahmadvand H. Adenocarcinoma cells isolated from patients in the presence of cerium and transferrin in vitro. *J Med Life*. 2015 Oct-Dec;8(4):436-9.

10. Ranjbar K, Nazem F, Nazari A, Gholami M, Nezami AR, Ardakanizade M, Sohrabi M, Ahmadvand H, Mottaghi M, Azizi Y. Synergistic effects of nitric oxide and exercise on revascularisation in the infarcted ventricle in a murine model of myocardial infarction. *EXCLI J*. 2015 Oct 14;14:1104-15. doi: 10.17179/excli2015-510. eCollection 2015.
11. Ali Maleki, Mostafa Cheraghi, Scott Reza Jafarian Kerman, Mahdi Montazeri, Negin Rashidi, Reza Ghanavati, Saeid Foroughi, Farshid Alyari and Hassan Ahmadvand (Corresponding author) .Aspirin Resistance in Different Doses by Bleeding Time and Urinary 11-dehydro-thromboxane B2 .*Indian J Physiol Pharmacol* 2016; 60(1)
12. Hassan Ahmadvand, Maryam Ghasemi Dehnoo. Antiatherogenic, hepatoprotective, and hypolipidemic effects of coenzyme Q10 in alloxan-induced type 1 diabetic rats. *ARYA Atheroscler*. 2014 Jul;10(4):192-8.
13. Zahra Khodakarami Fard · Ali Khodakarami Fard · Hassan Ahmadvand · Seyed Vahid Shahrokhi. Hydrogeochemistry of high-fluoride groundwater at Roumeshgan plain's, Lorestan province, Iran. *Journal of Chemical and Pharmaceutical Research* 08/2015; 2015(77):1059-1068.
14. Abolfazl Zendedel, Sana Delavari, Hassan Ahmadvand, Kourosh Ghanadi, Mohammadreza Gholami Effects of Selenium on Antioxidant Activity and Recovery from Sciatic Nerve Ischemia–Reperfusion in Adult Rats .*Zahedan Journal of Research in Medical Sciences*. 2015
15. Bahador Fadaei, Hassan Ahmadvand(Corresponding author), Maryam Ghasemi and Sako Mirzaei. Inhibitory effects of myrtle (*Myrtus communis* L.) leaves hydroalcoholic extract on LDL oxidation *in vitro*. *Journal of Chemical and Pharmaceutical Research*. 2015, 7(2):42-46
16. Gholami MR, Ahmadvand H, Anbari K, Khani poor Z, Hadipoor F. Effects of Quercetin on Antioxidant Activity and Recovery from Sciatic Nerve Ischemia–Reperfusion in Adult Rats. *Yafte*. 2015; 3(17): 38-46.
17. Hassan Ahmadvand, Hamze Amiri, Hamid Dalvand, Shahrokh Bagheri, Maryam Ghasemi Dehnoo, Sanaz Moghadam and Forouzan Hadipour Moradi. Chemical composition and antioxidant properties of Lorestan province *Artemisa persica*. *Journal of Chemical and Pharmaceutical Research*. 2015, 7(2):16-22.

18. Ali Asghar Sadeghi, Mohsen Mohamadi-Saei, Hassan Ahmadvand. The Efficacy of Dietary Savory Essential Oil on Reducing the Toxicity of Aflatoxin B1 in Broiler Chicks. *Kafkas Univ Vet Fak Derg.* 2014; 20 (4): 481-486.
19. Hassan Ahmadvand, Ali Khosrowbeygi, Gholamreza Shahsavari, Maryam Hormozi, Foad Abdolapour, Shahrokh Bagheri. The effects of sodium selenite on serum lipid profile and atherogenic indexes in diabetic rats. *Yafte.* 2014;
20. Zahra Samadi Noshahr, Mohammad Reza Shahraki, Hassan Ahmadvand, Davood Nourabadi, Alireza Nakhaei. Protective effects of *Withania somnifera* root on inflammatory markers and insulin resistance in fructose-fed rats. *Reports of Biochemistry & Molecular Biology.* 2015;
21. Hassan Ahmadvand. Amelioration of altered antioxidant enzyme activity by *Satureja khuzistanica* essential oil in alloxan-induced diabetic rats. *Chin J Nat Med.* 2014 Sep;12(9):672-6.
22. Hassan Ahmadvand, Majid Tavafi, Vahideh Asadollahi, Leila Jafari pour, Forouzan Hadipour Moradi, Reza Mohammad Rezaei Khoramabadi, Peyman Khosravi, Hadis Salehi, Ahmad Cheraghi. Protective Effect of Carvacrol on Renal Functional Test and Renal Histopathology Changes in Gentamicin-Induced-Nephrotoxicity Rats. 2015; *Zahedan Journal of Research in Medical Sciences*
23. Hassan Ahmadvand^{1,2}, Saeede Ekbatan Hamadani³, Shahrokh Bagheri², Forouzan Hadipour Moradi¹, Reza Mohammad Rezaei Khoramabadi¹, Peyman Khosravi¹, Hadis Salehi¹, Ahmad Cheraghi¹ and Rooh Angiz Cheraghi¹ Chemical composition of *Vitex pseudo-negundo* leaves essential oil. *Journal of Chemical and Pharmaceutical Research,* 2014, 6(11):300-304
24. Hassan Ahmadvand, Maryam Ghasemi Dehnoo, Roohangiz Cheraghi, Bahram Rasouljan, Behrouzb Ezatpour, Mozghan Azadpour, Kaveh Baharvand. Amelioration of altered serum, liver, and kidney antioxidant enzymes activities by sodium selenite in alloxan-induced diabetic rats. *Reports of Biochemistry & Molecular Biology.* 2014; 3(1):
25. Hassan Ahmadvand, Majid Tavafi, Ali Khosrowbeygi, Gholamreza Shahsavari, Maryam Hormozi, Khadijeh Beyranvand, Shahrokh Bagheri, Foad Abdolapour. Amelioration of lipid peroxidation in vivo and in vitro by *Satureja khuzistanica* essential oil in alloxan-induced diabetic rats. *Diabetes & Metabolic Disorders* 2014, 13:119

26. Hassan Ahmadvand, Ali Khosrowbeygi. Effect of Sodium Selenite on Lipid Peroxidation and Glutathione in Alloxan-Induced Diabetic Rats. *Zahedan Journal of Research in Medical Sciences*. 2015 15
27. Hassan Ahmadvand, Akram Noori, Maryam Ghasemi Dehnoo, Shahrokh Bagheri, Rooh Angiz Cheraghi. Hypoglycemic, hypolipidemic and antiatherogenic effects of oleuropein in alloxan-induced Type 1 diabetic rats. *Asian Pac J Trop Dis* 2014; 4(Suppl 1): S421-S425
28. Hassan Ahmadvand, Maryam Ghasemi Dehnoo, Akram Dehghani, Shahrokh Bagheri, Rooh Angiz Cheraghi. Serum paraoxonase 1 status and its association with atherogenic indexes in gentamicin-induced nephrotoxicity in rats treated with coenzyme Q10. *Ren Fail*. 2014 Apr;36(3):413-8.
29. Tavafi M, Ahmadvand H, Tamjidipour A, Rasolian B. Effect of normobaric hyperoxia on gentamicin-induced nephrotoxicity in rats. *Iran J Basic Med Sci*. 2014;17(4):287-93.
30. Houshang Rafighdoost, Majid Tavafi, Leila Jafari pour, Bahram Rasouljan, Hassan Ahmadvand, Mona Mahmodi, Marzyeh Rashidi Pour. Effect of Olive Leaf Extract in Inhibition of Renal Ischemia- Reperfusion Injuries in Rat. *Anatomical Science*. 2013; 10(3):160-165.
31. Ali Asghar Sadeghi, Mohsen Mohamadi Saei, Ali Nikkhah, Hasan Ahmadvand. The effect of *Myrtus communis* oil extract on growth performance, serum biochemistry and humoral immune responses in broiler chicks fed diet containing aflatoxin B1. *Archiv Tierzucht*. 2013; 56(84):1-12.
32. Ahmad Tamjidipoor, Majid Tavafi, Hassan Ahmadvand. Effect of dimethyl sulfoxide on inhibition of post-ovariectomy osteopenia in rats. *Connect Tissue Res*, 2013; 54(6): 426-431.
33. Ali Khosrowbeygi, Hassan Ahmadvand. Leptin to adiponectin ratio in preeclampsia. *Bangladesh Med Res Counc Bull* 2013; 39:18-21.
34. Hassan Ahmadvand, Hiroshi Mabuchi, Atsushi Nohara, Junji Kobayahi, Kawashiri Masa-aki. Effects of coenzyme Q10 on LDL oxidation *in vitro*. *Acta Medica Iranica*, 2013; 51(1): 12-18.
35. Hassan Ahmadvand, Majid Tavafi, Ali Khosrowbeygi. Effects of *Satureja Khozestanica* essential oil on hemoglobin A1C, serum urea and creatinine in alloxan-induced Type 1

- diabetic adult rats. Journal of Jahrom University of medical Science. *Journal of Birjand University of Medical Sciences*. 2013; 20 (2):1-7
36. Hassan Ahmadvand, Majid Tavafi, Gholamreza Shahsavari, Ali Khosrobeigi, Shahrokh Bagheri, Foad Abdolahpour. Hypolipidemic and antiatherogenic effects of *Satureja khuzestanica* essential oil in alloxan-induced type 1 diabetic rats. *Zahedan J Res Med Sci (ZJRMS)* 2013; 15(8): 26-29.
 37. Hassan Ahmadvand. Effects of *coenzyme Q10* on hemoglobin A1C, serum urea and creatinine in alloxan-induced Type 1 diabetic rats. *Iranian Journal of Pharmacology & Therapeutics (IJPT)*. 2012; 11: 64-67.
 38. Amir Majdaldin Amir Javanbakht, Hassan Ahmadvand (Corresponding author), Hussein Matooriyan Pour. Effects of oral isotertinoin on serum folic acid levels in acne vulgaris patients. *Asian Pac J Trop Biomed* (2012)1-3.
 39. Ali Khosrowbeygi, Hassan Ahmadvand. Positive correlation between serum levels of adiponectin and homocysteine in pre-eclampsia. *Journal of Obstetrics and Gynaecology Research*. 2012; 11: 1-6.
 40. Shahrokh Bagheri, Hassan Ahmadvand (Corresponding author), Ali Khosrowbeygi, Farshid Ghazanfari, Narges Jafari, Habibolah Nazem, Reza Haji Hosseini. Antioxidant properties and inhibitory effects of *Satureja khuzestanica* essential oil on LDL oxidation induced-CuSO₄ in vitro. *Asian Pac J Trop Biomed*. 2013 Jan;3(1):22-7.
 41. Hassan Ahmadvand, Ali Khosrobeigi, Leila Nemati, Maryam Boshtam, Narges Jafari, Reza Haji Hosseini, Yadollah Pournia. Rosmarinic acid prevents the oxidation of LDL in vitro. *Asian Journal of Biological Sciences*. 2012; 6: 67-72.
 42. Hassan Ahmadvand, Majid Tavafi, Ali Khosrowbeygi. Amelioration of altered antioxidant enzymes activity and glomerulosclerosis by coenzyme Q10 in alloxan-induced diabetic rats. *J. Diabetes Complications*. 2012; 26(6): 476-482.
 43. Hassan Ahmadvand, Shahrokh Bagheri, Ali Khosrobeigi, Maryam Boshtam and Foad abdolahpour. Effects of olive leaves extract on LDL oxidation induced-CUSO₄ *in vitro*. *Pak. J. Pharm. Sci.*, Vol.25, No.3, July 2012, pp.571-575.
 44. Ali Reza Khalatbary and Hassan Ahmadvand. Effect of Oleuropein on Tissue Myeloperoxidase Activity in Experimental Spinal Cord Trauma. *Iranian Biomedical Journal* 15 (4): 164-167 (October 2011).

45. Hassan Ahmadvand, Mohsen Ani, Ali Asghar Moshtaghi. Inhibitory Effect of *Allium Cepa* Extract on LDL oxidation Induced By CuSO₄ *in Vitro* Compared With *Allium Sativum* and *Allium Ascalonicum*. Iranian Journal of Pharmacology & Therapeutics (IJPT). 2011;10: 67-71.
46. Majid Tavafi, Hasan Ahmadvand, Pooran Toolabi. Inhibitory Effect of Olive Leaf Extract on Gentamicin-induced Nephrotoxicity in Rats. IJKD 2012;6:25-32.
47. Ali Reza Khalatbary, Hassan Ahmadvand. Neuroprotective effect of oleuropein following spinal cord in rat. Neurological Research. Neurological Research 2012 VOL. 34 NO. 1: 44-51.
48. Hassan Ahmadvand, Majid Tavafi, Ali Reza khalatbary Hepatoprotective and hypolipidemic effects of *Satureja Khozestanica* essential oil in alloxan-induced Type 1 diabetic rats. Iranian Journal of Pharmaceutical Research (2012), 11 (4): 1219-1226.
49. Hassan Ahmadvand, Amir Majdaldin Amir Javanbakht and Hussein Matooriyan Pour. Effects of oral isotretinoin on serum lipids and gamma glutamyl transpeptidase activity in acne vulgaris patients. African Journal of Pharmacy and Pharmacology. 2011; 5(11): 1338-1341.
50. Hassan Ahmadvand, Ali Khosrowbeygi and Maryam Ghasemi. Inhibitory effect of *Allium ascalonicum* hydroalcoholic extract on low-density lipoprotein (LDL) oxidation induced by CuSO₄ *in vitro*. Journal of Medicinal Plants Research. 2011; 5(6): 1012-1017.
51. Hassan Ahmadvand, Mohsen Ani, Ali Asghar Moshtaghi. Changes in Biochemical Parameters Related to Lipid Metabolism Following Titanium Treatment in Rat. Iranian Journal of Pharmacology & Therapeutics (IJPT). 2010; 9: 69-71.
52. Ali Reza Khalatbary, Hassan Ahmadvand. Effects of Epigallocatechin Gallate on Tissue Lipid Peroxide Levels in Traumatized Spinal Cord of Rat . Iranian Journal of Basic Medical Science. 2010; 13(4): 239-242.
53. Ali Khosrowbeygi, Hassan Ahmadvand- Maternal serum levels of adiponectin preeclampsia. J Ayub Med Coll Abbottabad. 2009; 21(3):79-82.
54. Majid Tavafi, Hassan Ahmadvand, Ahmad Tamjidipoor, Bahram Delfan, Ali Reza Khalatbari. *Satureja khozestanica* essential oil ameliorates progression of diabetic nephropathy in uninephrectomized diabetic rats. Tissue and Cell. 2011; 43: 392– 397.

55. Ali Reza Khalatbari, Taki Tiraihi, Mandana Beigi Boroujeni, Hassan Ahmadvand, Majid Tavafi, Ahmad Tamjidipoor. Effects of epigallocatechin gallate on tissue protection and functional recovery after contusive spinal cord injury in rats. *Brain Research*, Vol. 1306: 168 – 175.
56. Alireza Ani, Mohsen Ani, Ali Asghar Moshtaghi, Hassan Ahmadvand. Effect of titanium on lipoprotein lipase activity in vivo and in vitro. *Journal of Trace Elements in Medicine and Biology*. Vol. 24: 95–98.
57. Alireza Ani, Mohsen Ani, Ali Asghar Moshtaghi, Hassan Ahmadvand Changes in Liver Contents of Lipid Fractions Following Titanium Exposure. *Iranian Journal of Pharmaceutical Research*. 2008; 7 (3): 179-183.
58. Mohsen Ani, Ali Asghar Moshtaghi, Hassan Ahmadvand. Effects of Copper, Iron, Vanadium and Titanium on Comparative Low Density Lipoprotein Oxidation in vitro. *Iranian Biomedical Journal*. 2007; 11 (2): 113-118.
59. Issa Nourmohammadi, Hassan Ahmadvand, Mohamad Taghikhani. Evaluation of levels of macro- and micro-nutrients in workers exposed to electromagnetic fields and comparison with levels of patients with leukemia. *Iranian Biomedical Journal*. 2005; 2(3): 1-7.
60. Majid Tavafi, Hassan Ahmadvand, Ali Reza Khalatbari, Ahmad Tamjidipoor. Effect of Rosmarinic acid in inhibition of diabetic nephropathy in uninephrectomized diabetic rat. *Iranian journal of basic medical science*,. 2011; 14(3): 275-283.
61. Ali Khosrowbeygi, Nahid lorzadeh, Hassan Ahmadvand- Lipid peroxidation is not associated with adipocytokins in preeclaptic women. *Iranian Journal of Reproductive Medicine*. 2011; 9(2): 113-118.
62. Ali Reza Khalatbary, Hassan Ahmadvand. Anti-Inflammatory Effect of the Epigallocatechin Gallate Following Spinal Cord Trauma in Rat *Iranian Biomedical Journal*. 2011; 15 (1 & 2): 31-37.
63. Ali Khosrowbeygi, Nahid lorzadeh, Y Shiravand, Hassan Ahmadvand. Homocysteine and its Association with lipid peroxidation and leptin in preeclamsia. *International Journal of Biological Chemistry*. 2011; 1: 1-9
64. Majid Tavafi, Hasan Ahmadvand. Effect of rosmarinic acid on inhibition of gentamicin induced nephrotoxicity in Rats. *Tissue and Cell*. 2011; 43: 392– 397.

65. Hassan Ahmadvand, Majid Tavafi, Gholamreza Shahsavari, Ali Khosrowbeigi , Shahrokh Bagheri, Foad Abdolahpour. Hypolipidemic and antiatherogenic effects of Satureja Khozestanica essential oil in alloxan-induced Type 1 diabetic rats. Zahedan J Res Med Sci (ZJRMS) 2012; 13(9): 52-55.
66. Hassan Ahmadvand, Hamze Amiri, Zahra Dehghani Elmi, Shahrokh Bagheri. Chemical composition and antioxidant properties of *ferula-assa-foetida* leaves essential oil. Iranian Journal of Pharmacology & Therapeutics. IJPT. 2013; 12: 52-57.
67. Sharokh Bagheri, Hassan Ahmadvand(Corresponding author), Ali Khosrowbeygi. Various Antioxidative Activities of Iranian Walnut (*Juglans regia* L.) Green Husks Hydroalcoholic Extract and its Effects on LDL Oxidation. Journal of Biologically Active Products from Nature. 2012; 2(6): 330-340.
68. Hassan Ahmadvand, Majid Tavafi. Amelioration of Glomerulosclerosis by Satureja Khozestanica Essential Oil in alloxan-Induced Diabetic Rats. Zahedan Journal of Research in Medical Sciences (Accepted). ZJRMS 2013; 15 (...):
69. Hassan Ahmadvand, Mohsen Ani, Ali Asghar Moshtaghie. *The Effect of Titanium on Oleic Acid Transport in Rat Everted Gut Sac*. Yafte. 2007; 9(4): 67-73.
70. Hassan Ahmadvand, Mohsen Ani, Ali Asghar Moshtaghie. *The Effect of Titanium on Stearic Acid Transport in Rat Everted Gut Sac*. Yafte. 2010; 18(72): 34-41.
71. Hassan Ahmadvand, Ali Khosrowbeygi, Shahrokh Bagheri, Reza Haji Hosseini, Farshid Ghazanfari, Leyla Nemati. Comparison effects of Satureja khozestanica essential oil, Vitami E and Coenzyme Q10 on LDL peroxidation in vitro. Yafte. 2008; 11(4):67-73.
72. Ali Reza Khalatbari, Taki Tiraihi, Mandana Beigi Boroujeni, Hassan Ahmadvand, Majid Tavafi, Ahmad Tamjidipoor. *Study of Neuroprotective Effects of Green Tea Antioxidant on Spinal Cord Injury of Rat*. Journal of Iranian Anatomical Sciences. 2010; 7: 145-152.
73. Tavafi M, Hassan Ahmadvand, Goodarzi S, Rasoulia B. *Investigating the effect of pretreatment with oxygen on inhibition of gentamycin-induced nephrotoxicity in rats*. J Shahid Sadoughi Univ Med Sci 2013; 21(4): 423-32.
74. Ali Khosrowbeigi , Nahid Lorzadeh, Hassan Ahmadvand. Serum Concentration of Leptin and Adiponectin in Preeclampsia. Scientific Journal of Ilam University of Medical Sciences. 2010; 18(4): 27-34.

75. Hassan Ahmadvand, Foad Abdolapour, Shahrokh Bagheri, Marzieh Rashidipour, Khadijeh Beyranvand, Samira Chash. Inhibitory effects of Oak fruit Husks hydroalcoholic extract on serum LDL oxidation in vitro. JQUMS. 2012; 15(4): 38-44.
76. Hassan Ahmadvand, Ali Khosrobeigi, Gholamreza Shasavari, Foad Abdolapour, Shahrokh Bagheri, Marzieh Rashidi. The inhibitory effects of Walnut (*Juglansregia L.*) kusk ydroalcoholic extract on LDL oxidation in vitro. Journal of Jahrom University of Medical Sciences. 2011; 9(3): 1-7.
77. Hassan Ahmadvand H, Ali Khosrowbeygi, Leyla Nemati L, Reza Haj hosseini. Inhibitory Effects of Rosmarinic Acid on LDL Oxidation In vitro. Journal of Guilan University of Medical Sciences, 2012; 83: 1-6.
78. Hassan Ahmadvand, Amir Majdedin Amir-Javanbakht, Hosein Matooriyan-Pour. Effects of oral isotertinin on serum lipids and gamma glutamyl transpeptidase activity in acne vulgaris patients. J Shahrekord Univ Med Sci. 2013; 15(4): 1-6.
79. Hassan Ahmadvand, Majid Tavafi, Ali Khosrowbeygi. Effects of *Satureja Khozestanica* essential oil on hemoglobin A1C, serum urea and creatinine in alloxan-induced Type 1 diabetic adult rats. J Jahrom Univ Med Sci 2013; 10(4):57-62.
80. *Saeed Naazeri, Mehdi Hedayati., Azade Tavakkoli Darestani, Hassan Ahmadvand*(Corresponding author). Relation of menopausal with total Antioxidant capacity, Super Oxide dismutase and catalase activity enzymes. J Sabzevar Univ Med Sci 2013; 10(4):57-62. *Journal of Sabzevar University of Medical Sciences. 2013; 20(3): 368-372.*
81. *Ahmad Tamjidi Poor*, Majid Tavafi, Hassan Ahmadvand, Ali Reza Khalatbari. Comparission preventive effects of Vitamin D3 and Omeperazole premenpouse osteoporesis in female rats. Yafte. 2008; 11(4): 80-89.
82. Hassan Ahmadvand. Majid Tavafi, Gholamreza Shasavari, Ali Khosrowbeygi, Foad Abdilahpoor, Shahrokh Bagheri, Leyla Nemati L. Effects of *coenzyme Q10* on lipid profile in alloxan-induced Type 1 diabetic rats. Yafte. 2011; 13(1): 5-10.
83. Majid Tavafi, Hassan Ahmadvand, Ahmad Tamjidipoor, Alireza Khalatbari, Bahram Delfan, Mahdi Birjandi. The preventive effects of *Satureja khozestanica* essential oil on glumerolar altration ameliorates progression of diabetic nephropathy in uninephrectomized diabetic rats. Yafte. 2010; 12(3): 56-61.

84. Alireza Khalatbari, Hassan Ahmadvand. Immunomodulation with Epigallocatechin Gallate in Injured Spinal Cord of rats. *Journal of Guilan University of medical Science*. 2011; 79:1-7.
85. Pouran Toolabi, Majid Tavafi, Soheila Ebrahimi, Sima Nasri, Hassan Ahmadvand. Preventive effects of olive leaves extract on gentamicin-induced nephrotoxicity in rats. *Yafte*. 2011; 13(3): 71-80.
86. Hassan Ahmadvand, Hamze Amiri, Saide Ekbatan Hamadani, Shahrokh Bagheri. Antioxidant properties of *Vitex pseudo-negundo* leaves essential oil and hydroalcoholic extract. *Yafte*. 2012; 14(2): 5-13.
87. Ali Khosrowbeygi, Hassan Ahmadvand. Correlation of serum stress oxidative biomarkers in preeclaptic women. *Yafte*. 2012; 14(2): 5-12.
88. Saeed Nazeri, Hassan Ahmadvand(Corresponding author), Mahdi Hedayati. Comparison of serum antioxidant capacity and Super Oxide dismutase and Catalase activity in cigarette smokers and nonsmokers. *Yafte*. 2013; 15(3): 70-75.
89. Ali Khosrowbeygi, Hassan Ahmadvand. Serum total antioxidant capacity in pregnancy women. *IJOGI*. 2013; 16(47-48): 1-5.
90. Hassan Ahmadvand, Hamze Amiri, Hamid Dalvand. Antioxidant properties of air part essential oil and hydroalcoholic *Nepeta crsipia* extract. *Journal of Hormozgan University of medical Science*. 2013; (Accepted).

Congress presentations: 28 (13 in international and 16 in national congresses)

1. *The effects of coenzyme Q10 on LDL oxidation in vitro*. 1st International congress of Biochemistry, 9th Iranian congress of Biochemistry. Shiraz University of Medical Sciences, Shiraz, Iran Hassan Ahmadvand,
2. *The effects of Titanium oleic acid Transport in rat everted gut sacs*. . 1st International congress of Biochemistry, 9th Iranian congress of Biochemistry. Shiraz University of Medical Sciences, Shiraz, Iran Hassan Ahmadvand,
3. *Effects of Satureja khozestanica Essential oil extract on serum alanine transaminase and aspartate transaminase levels in alloxan-Induced Type I Diabetic Rats*. 1st International

- and 3rd Iranian Congress of Endocrine & Metabolism Updates (Isfahan). Isfahan University of Medical Sciences, Isfahan, Iran. Hassan Ahmadvand
4. Effects of *Satureja khozestanica* Essential oil extract on serum glucose and hemoglobin A1C in alloxan-Induced Type I Diabetic Rats. 1st International and 3rd Iranian Congress of Endocrine & Metabolism Updates (Isfahan) Isfahan University of Medical Sciences, Isfahan, Iran. Hassan Ahmadvand, Ali Khosrobeigi, Majid Tavafi
 5. Effects of Coenzyme Q10 on Serum Glucose and Hemoglobin A1C in Alloxan-Induced Type I Diabetic Rats. 2nd International congress of Metabolic syndrome, Obesity & Diabetes. Zanzan University of Medical Sciences, Zanzan, Iran. Hassan Ahmadvand, Ali Khosrowbeygi
 6. Circulating levels of adiponectin in preeclampsia patients. 14th World Congress of Gynecological Endocrinology II Congresso ISGE Italia Firenze . Italia - Ali Khosrobeigi, Hassan Ahmadvand,
 7. L Serum levels of leptin in preeclampsia. 2nd International congress of Metabolic syndrome, Obesity & Diabetes. Zanzan University of Medical Sciences, Zanzan, Iran. Ali Khosrobeigi, Hassan Ahmadvand,
 8. Effects of *Satureja khozestanica* Essential oil extract on biochemical markers in alloxan-induced diabetic rats- *International Conference & Exhibition on-Proteomics & Bioinformatics-6-8 June 2011 Venue: Hyderabad, India-Hassan Ahmadvand*
 9. Hassan Ahmadvand, Shahrokh Bagheri. Inhibitory effects of myrtle (*Myrtus communis* L) leaves extract on LDL oxidation in vitro. *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Pages S341-S342
 10. Hassan Ahmadvand. Inhibitory effects of Oak fruit (*Quercus*) husks hydroalcoholic extract on LDL oxidation in vitro. *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S341
 11. Hassan Ahmadvand. Effects of essential oil of *Satureja Khozistanica* on serum lipid profile in male rats diabetic. *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S341
 12. Shahrokh Bagheri, Hassan Ahmadvand. Effects of olive leaves extract on LDL oxidation induced-CuSO₄ in vitro. *Clinical Biochemistry*, Volume 44, Issue 13, Supplement, September 2011, Page S345

13. Hassan Ahmadvand. Effects of coenzeme Q10 on serum glutathione levels and catalase and superoxide dismutase activity in alloxan-induced diabetic rats. *Clinical Biochemistry, Volume 44, Issue 13, Supplement, September 2011, Page S260.*
14. Hassan Ahmadvand, Majid Tavafi, Ali Khosrowbeygi, Foad Abdolahpoor.. Effects of coenzeme Q10 on serum and liver lipid peroxidation in alloxan-induced diabetic rats. *Iranian Third national Congress Clinical Experimental, 2011.*
15. Hassan Ahmadvand, Majid Tavafi, Ali Khosrowbeygi, Foad Abdolahpoor.. Effects of coenzeme Q10 on serum lipid profile in alloxan-induced diabetic rats. *Iranian Third national Congress Clinical Experimental, 2011.*
16. Hassan Ahmadvand, Majid Tavafi, Ali Khosrowbeygi, Foad Abdolahpoor.. Effects of coenzeme Q10 on serum AST and ALT in alloxan-induced diabetic rats. *Iranian Third national Congress Clinical Experimental, 2011.*
17. Hassan Ahmadvand. Antioxidant properties and inhibitory effects of Satureja khozestanica essential oil on lag time LDL oxidation. Khoram Abad Hebal Medicine Congress, 2011.
18. Hassan Ahmadvand, Mohsen Ani, Ali Asghar Moshtaghie. *The Effect of Titanium on Stearic Acid Transport in Rat Everted Gut Sac.* Second Trace Element Congress. 2010.
19. Hassan Ahmadvand, Mohsen Ani, Ali-Asghar Moshtaghie. Effects of Copper, Iron, Vanadium and Titanium on Comparative Low Density Lipoprotein Oxidation in vitro. Sixth Iranian biochemistry congress. Ahvaz. 2002; *11 (2): 113-118.*
20. Hassan Ahmadvand, Mohsen Ani, Ali Asghar Moshtaghi. Inhibitory Effect of *Allium Cepa* Extract on LDL oxidation Induced By CuSO₄ *in Vitro* Compared With *lilium Sativum* and *Allium Ascalonicom* Fourth Iranian nutrition congress, Tabriz. 2005.
21. Hassan Ahmadvand. Antioxidant properties and inhibitory effects of Satureja khozestanica essential oil on LDL oxidation. Esfahan Hebal Medicine Congress, 2011.
22. Ali Reza Khalatbari, Taki Tiraihi, Mandana Beigi Boroujeni, Hassan Ahmadvand, Majid Tavafi, Ahmad Tamjidipoor. Effects of epigallocatechin gallate on tissue protection and functional recovery after contusive spinal cord injury in rats. Hamadan *Anatomical Congress, 2011.*

23. Hassan Ahmadvand, Ali Khosrowbeygi, Majid Tavafi. Effects of essential oil of *Satureja Khozistanica* on serum Hemoglobin A1C in male rats diabetic. Esfahan Endocrine and Metabolism Congress, 2011.
24. *Hassan Ahmadvand*, Mohamad Taghikhani, Issa Nourmohammadi,. Evaluation of levels of Cupper and Iron in patients with leukemia. Second Iranian Blood Congress, Tehran, 1996.
25. *Hassan Ahmadvand*, Mohamad Taghikhani, Issa Nourmohammadi,. Evaluation of levels of Calcium and Zinc in patients with leukemia. Second Iranian Biochemistry Congress, Tehran, 1992.
26. *Hassan Ahmadvand*, Mohamad Taghikhani, Issa Nourmohammadi,. Evaluation of levels of Cupper and Iron in workers exposed to electromagnetic fields. Third Iranian Biochemistry Congress, Tabriz, 1994.
27. *Hassan Ahmadvand*, Mohamad Taghikhani, Issa Nourmohammadi,. Evaluation of levels of Selenium in workers exposed to electromagnetic fields. Third Iranian Biochemistry Congress, Tabriz, 1994.
28. *Hassan Ahmadvand*, Mohamad Taghikhani, Issa Nourmohammadi,. Evaluation of levels of Calcium and Zinc in workers exposed to electromagnetic fields. Third Iranian Biochemistry Congress, Tabriz, 1994.

Research interests: lipid metabolism, cell culture, molecular biology (gene expression) and herbal medicine in the treatment of diabetes and cardiovascular disease.

91.

92.

93. Medical Sciences.

