

Curriculum Vitae
Ali Reza Khalatbary



Personal Information:

Name: Ali Reza Khalatbary

Date of Birth: December 16, 1967

Place of birth: Tonekabon, Mazandaran, Iran

Address: Anatomy Department, Faculty of medicine, Mazandaran University of Medical sciences Sari, Iran

Tel: 009815133543081

Cell Phone: 0098912 2490583

E-Mail: khalat.ar@mazums.ac.ir, khalat90@yahoo.com

Current position: Associate Professor, Faculty of Medicine, Mazandaran University of Medical Sciences

Education:

2000-2005, PhD (Anatomy), Faculty of Medicine, Tarbiat Modarres University, Tehran, IRAN

1997-2000, MSc (Anatomy), Faculty of Medicine, Tarbiat Modarres University, Tehran, IRAN

1993-1997, BSc (Physiotherapy), Faculty of Medicine, Shiraz University, Tehran, IRAN

Research Interest:

Neuroscience

Stem cell

Research Publication:

Davood Nasiry Zarrin Ghabaee, Fereshteh Talebpour Amiri, Amir Esmaeelnejad Moghaddam, Ali Reza Khalatbary, Mehryar Zargar. Administration of zinc against arsenic-induced Nephrotoxicity during gestation and lactation in rat model. J of Nephropathol 2017;6(2):74-80.

Alireza Khalatbary, Behrooz Mohammadnegad, Elmira Ghaffari, Alireza Rafiei Oleuropein Attenuates Deltamethrin-induced Apoptosis in Rat Cerebellar Purkinje Neurons, RMM, Volume 3, Number 4 (10-2015).

Moghaddasi M, Taati M, Asadian P, Khalatbary AR, Asaei R, Pajouhi N. The effects of two-stage carotid occlusion on spatial memory and pro-inflammatory markers in the hippocampus of rats. *J Physiol Sci*. 2016 Jul 28. [Epub ahead of print]

Ali Reza khalatbary, Behrooz Mohammadnegad, Ghazaleh Goudarzi, Ali Fazlollahpour Balef. Immunohistochemical and Electron Microscopic Study of the Inhibitory Effects of Olive Oil Polyphenol on Dexamethasone-Induced Apoptosis. *Iranian Journal of Pathology*. 2017. In press.

Ali Reza khalatbary, Hassan Ahmadvand, Davood Nasiry Zarrin Ghabaee, Abbasali Karimpour Malekshah, Azam Navazesh. Virgin olive oil ameliorates deltamethrin-induced nephrotoxicity in mice: A biochemical and immunohistochemical assessment. *Toxicology Reports*, Volume 3, 2016, Pages 584-590.

Ali Reza khalatbary, Davood Nasiry Zarrin Ghabaee, Hassan Ahmadvand, Fereshteh Talebpour Amiri, Somaieh Tadayoni Lehi. Deltamethrin-induced hepatotoxicity and virgin olive oil consumption: An experimental study. *Iranian Journal of Medical Sciences*, 2017, In press.

khalatbary AR, Elmira Ghaffari, Behrooz Mohammadnegad . Protective Role of Oleuropein Against Acute Deltamethrin-Induced Neurotoxicity in Rat Brain. *Iranian Biomed*. In press.

Khalatbary AR. Natural polyphenols and spinal cord injury. *Iranian Biomed. J*. 2014;18:120-129.

Taha MF, Javeri A, Kheirkhah O, Majidizadeh T, Khalatbary AR. Neural differentiation of mouse embryonic and mesenchymal stem cells in a simple medium containing synthetic serum replacement. *J Biotechnol*. 2014;172: 1-10.

Assadollahi V, Parivar K, Roudbari NH, Khalatbary AR, Motamedi M, Ezatpour B, Dashti GR. The effect of aqueous cinnamon extract on the apoptotic process in acute myeloid leukemia HL-60 cells. *Adv Biomed Res* 2013; 2: 1-6.

Khalatbary AR. Olive oil phenol and neuroprotection. *Nutritional Neuroscience* 2013; Feb 11. [Epub ahead of print].

Hassan Ahmadvand, Majid Tavafi, and Ali Reza Khalatbary. Hepatoprotective and Hypolipidemic Effects of Satureja Khuzestanica Essential Oil in Alloxan-induced Type 1 Diabetic Rats. *Iranian Journal of Pharmaceutical Research* 2012; 11: 1219-26.

Khalatbary AR, Zarrinjoie GR. Anti-Inflammatory Effect of Oleuropein in Experimental Rat Spinal Cord Trauma. *IRCMJ*. 2012; 14: 229-234.

Khalatbary AR, Ahmadvand H. Neuroprotective effect of oleuropein following spinal cord injury in rats. *Neurological Res*. 2012;34;44-51.

Khalatbary AR, Ahmadvand H. Effect of oleuropein on tissue myeloperoxidase activity in experimental spinal cord trauma. *Iranian Biomed. J*. 2011; 15:164-7.

Khalatbary AR, Ahmadvand H. Anti-inflammatory effect of epigallocatechin gallate on experimental spinal cord injury. *Iranian Biomed. J*. 2011; 15:31-37.

Majid Tavafi, Hassan Ahmadvand, Alireza Khalatbary, Ahmad Tamjidipoor. Rosmarinic acid ameliorates diabetic nephropathy in uninephrectomized diabetic rats. *Iranian J. Basic Medical Science* 2011; 14:275-283.

Majid Tavafi, Hassan Ahmadvand, Ahmad Tamjidipoor, Bahram Delphan, Ali Reza Khalatbary. Satureja khozestanica essential oil ameliorates progression of diabetic nephropathy in uninephrectomized diabetic rats. *Tissue and Cell* 2010;43:45-51.

Beigi Boroujeni M, Salehnia M, Khalatbary AR, et al. The Effect of Ovarian Stimulation on the Endometrial Apoptosis at Implantation Period. *Iranian Biomed. J.* 2010; 14: 171-177.

Khalatbary AR, Ahmadvand H. Effects of epigallocatechin gallate on tissue lipid peroxide levels in traumatized spinal cord of rat. *Iranian J. Basic Medical Science* 2010; 13:119-125.

Khalatbary AR, Tiraihi T, Beigi Boroujeni M, Ahmadvand H, Tavafi M, Tamjidipoor A. Effects of epigallocatechin gallate on tissue protection and functional recovery after contusive spinal cord injury in rats. *Brain Res.* 2009; 1306:168-75.

Khalatbary AR, Tiraihi T. A comparative study of therapeutic benefits of intraspinal and intravenous bone marrow stromal cell administration to spinal cord injuries. *Iranian Biomed. J.* 2009; 13: 43-48.

Khalatbary AR, Tiraihi T. Localization of bone marrow stromal cells in injured spinal cord treated by intravenous route depends on the hemorrhagic lesions in traumatized spinal tissues. *Neurological Res.* 2007; 29: 21-26.

Khalatbary AR. Apoptosis in neurodegenerative diseases. *Journal of Gorgan University of Medical Sciences* 2014; 16: 1-11.

Pirhajati Mahabadi V, Tiraihi T, Khalatbary AR, Aziz-zade Delshad AR. Central Neuropathic Pain after Graft of Bone Marrow Stromal Cells in the Spinal Cord Contusion of Rat. *Journal of Iranian Anatomical Sciences* 2007; 5: 93-105.

Khalatbary AR, Tiraihi T, Beigi Boroujeni M, Ahmadvand H, Tavafi M, Tamjidipoor A. Study of Neuroprotective Effects of Green Tea Antioxidant on Spinal Cord Injury of Rat. *Journal of Iranian Anatomical Sciences* 2010; 7: 145-152.

Khalatbary AR, Ahmadvand H. Immunomodulation with Epigallocatechin Gallate in Injured Spinal Cord Of Rats. *Journal of Guilan University of Medical Sciences* 2011; 79: 1-7.

Tavafi M, Tamjidipour A, Khalatbary AR. Effect of rosmarinic acid on inhibition of mesangial expansion in uninephrectomized diabetic rats. *Arak Medical University Journal (AMUJ)* 2011; 14: 43-52.

Khalatbary AR, Altarihi T, Movahedin M. The Study of migration of bone marrow stromal cells administered intravenously to the injured spinal cord of rat. *Daneshvar Medicin* 2006;14: 7-12.

Nasiry Zarrin Ghabaee D, Khalatbary AR, Rajabzade R, Abbaspour H, Kameli A. Relationship between food habits with body mass index (BMI) and fat distribution (WHR) in high school girls in Bojnurd. Journal of North Khorasan University 2014;6(4):925-934.

Khalatbary AR, Tamjidipoor A. Comparing the effects of theory-practice and practice-theory methods of teaching anatomy on student learning and satisfaction. Pejouhesh. 2011; 34 (4) :209-213.

Khalatbary A, Tarihi T, Naderimanesh H. The Study of Intracellular Energy in Apoptotic Cells. Yafteh. 2007; 9 (3) :65-71.

Tamjidipur A, Tavafi M, ahmadvand H, Khalatbari A. The comparasion of combined effects of vitamin D3 and Omeprazole on prevention of menopausal. Yafteh. 2010; 11 (4) :11-23.

Tavafi M, ahmadvand H, Tamjidipoor A, Khalatbari A, delfan B, Birjandi M. The effect of Satureja Khozestanica essence on inhibition of glomerular changes in uninephrectomized diabetic rats. Yafteh. 2011; 12 (3) :0-0.

Papers accepted and presented in Congresses and Seminares:

Khalatbary AR, Taki Al-Tiraihi. A study of ATP level in thymic apoptotic cells. The 5th iranian congress of anatomical sciences, May 2008.

Khalatbary AR, Taki Al-Tiraihi. Treatment of spinal cord injury with intravenous administration of bone marrow stromal stem cells . The 7th iranian congress of anatomical sciences.

Khalatbary AR, Taki Al-Tiraihi. Treatment of spinal cord injuries by implantation of bone marrow stromal stem cells . The 4th national congress on spinal cord injuries.

Pirhajati Mahabadi V, Taki Al-Tiraihi, Khalatbary AR. Central neuropathic pain after graft of bone marrow stromal cells in the spinal cord contusion of rat. The 4th national congress on spinal cord injuries.

Khalatbary AR, Taki Al-Tiraihi. Study of neuroprotective of green tea antioxidants in rat spinal cord injury. The 9th iranian congress of anatomical sciences.

Khalatbary AR. Comparing the effects of theory-practice and practice-theory methods of teaching anatomy on student learning and satisfaction. The 9th iranian congress of anatomical sciences.

Khalatbary AR. A rare variation in the adhesion of the extensor digitorum muscle of the hand. The 9th iranian congress of anatomical sciences.

Khalatbary AR. A comparative study of intraspinal and intravenous bone marrow stromal cell administration in spinal cord injury. The Asian-pacific international congress of anatomists.

Pirhajati Mahabadi V, Taki Al-Tiraihi, Khalatbary AR. A study of allodynia after graft of bone marrow stromal cells in the spinal cord contusion of rat. The Asian-pacific international congress of anatomists.

Tavafi M, Ahmadvand H, Tamjidipour A, Delfan B, Khalatbary AR. Effect of satureja khozestanica oil extract in inhibition of diabetic nephropathy in uninephrectomized diabetic rats. The international congress on diabetes and its complications-ICDC2009.

Beigi Broroujeni, Salehnia M, Pour beiranvand S, Ebrahimi S, Khalatbary AR. Effect of ovarian hyperstimulation on the apoptosis of corpus luteum during luteal phase at implantation period. 3rd congress of the Asia Pacific Initiative on Reproduction-ASPIRE2010.

Mohammadnegad B., khalatbary AR, Ghaffari E. Oleuropein attenuates apoptosis in rat cerebellar purkinje neurons. 4th National Congress on Medicinal Plants12, 13 May 2015.

Scientific Experiences:

Cell Culture

Immunohistochemistry

Immunocytochemistry

Tissue processing

Electron microscopy

Western blotting

Memberships:

- Iranian Society of Anatomical sciences

- Iranian Proteomics Society

Other Responsibilities:

2006-2007, Head of research, Faculty of medicine.