

Hamid Sheikhkanlou Milan

(Academic member, Department of Physiology, Ardabil University of Medical Sciences)

Personal Information

Name and Surname	Hamid Sheikhkanlou Milan
Specialized Field	Medical Physiology
Academic Ranking	Assistant Professor
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Educational Background

Specialized Field	Grade	School	Year of graduation
Medical Physiology	M.S	Kerman University of Medical Sciences	2001
Medical Physiology	Ph.D	Kerman University of Medical Sciences	2010

Supervisors	thesis title	Grade
Dr. Mozaffar Rezvanipour	The Role of GABA _A Receptor on the Antinociceptive Effects of Morphine in Cuneiformis Nucleus	M.S
Dr. Vahid Sheibani	The Role of Dorsal Raphe Nucleus Serotonin System (DRN) on Experience-Dependent Flexibility in Primary Sensory Cortex of Male Rat Dr. Vahid Sheibani	Ph.D

Research interests:

Pain

Sensory cortex

Learning

Amani, Mohammad and **Sheikhkanloui Milan, Hamid** and Abedi, Ali and Mohammadian, Forozan (1400) *Investigating the effects of GABAA receptor stimulation and blockade in early life on the synaptic plasticity of hippocampal CA1 neurons and memory and learning in adult male rats.* Masters (dissertation) of Ardabil University of Medical Sciences.

Amani, Mohammad and **Sheikhkanloui Milan, Hamid** and Saadati, Hakimeh and Goli Tabari, Nastern (1400) *Investigating the effect of NMDA receptor blockade in early life on synaptic plasticity of hippocampal CA1 neurons and memory and learning in adult male and female rats.* Masters (dissertation) of Ardabil University of Medical Sciences.

Sheikhkanloui Milan Hamid and Saadati, Hakimeh and Faraji, Helda (2019) *Effect of hydroalcoholic extract of fennel (Foeniculum Vulgare) on learning and passive avoidance memory and anxiety-like behavior in diabetic male rats treated with streptozotocin.* Masters (dissertation) of Ardabil University of Medical Sciences.

Amani, Mohammad and **Sheikhkanloui Milan, Hamid** and Nozad al-Anaq, Abdullah (2018) *The role of glutamate transporter GLT-1 on the activity of locus coeruleus neurons and pain sensation in male rats.* Masters (dissertation) of Ardabil University of Medical Sciences.

Sheikhkanloui Milan, Hamid and Amani, Mohammad and Zabihi, Islam and Razmi, Milad (2018) *Investigating the analgesic effect of the hydroalcoholic extract of Danblan mushroom in the experimental MS model of female rats.* MD (dissertation), Ardabil University of Medical Sciences.

Sheikhkanloui Milan, Hamid and Amani, Mohammad and Zabihi, Islam and Khani, Ali (2018) *Studying the effect of carnosic acid (active ingredient of rosemary) on the protection of reproductive parameters in the face of sodium metabisulfite consumption in male rats.* MD (dissertation), Ardabil University of Medical Sciences.

Sheikhkanloui Milan, Hamid and Amani, Mohammad and Zabihi, Islam and Hosseininia, Ali (2018) *Effect of aqueous extract of leaves and branches of rosemary plant (Rosmarinus Officinalis) on improvement of Parkinson's disease in male mice induced by MPTP.* MD (dissertation), Ardabil University of Medical Sciences.

Amani, Mohammad and **Sheikhkanloui Milan, Hamid** and Hamidi, Nasreen (2016) *Investigating the role of glutamate transporter GLT-1 on memory and the mechanism of long-term enhancement of hippocampal dentate gyrus neurons in Alzheimer's model induced by okadaic acid in rats.* Masters (dissertation) of Ardabil University of Medical Sciences.

Conference or Workshop Items

Amani, Mohammad and Hamidi, Nasreen and Nozad, Abdullah and **Sheikhkanloui Milan, Hamid** (2018) *The effect of Sefraaxon on the synaptic plasticity of hippocampal dentate gyrus neurons in OKA-induced Alzheimer's model rats.* In: 24th Iranian & 3rd International Congress of Physiology and Pharmacology, 8 to 10 November 2018, Shahid University, Tehran.

Shokrallahi, Mohsen and **Sheikhkanloui Milan, Hamid** (2012) *Investigating the graded role of the GABAergic-A system on the analgesic properties of the cuneiform nucleus in the brainstem.* In: 5th annual student research congress (provincial), June 11, 2012, Ardabil University of Medical Sciences.

Sheikhkanloui Milan, Hamid and Shibani, Vahid and Esmaeili Mahani, Saeed and Shamsizadeh, Ali and Sepehri, Gholamreza and Afarinesh, Mohammadreza (2009) *The effect of electrical stimulation of the posterior parietal nucleus on the response properties of layer four neurons of the barrel cortex following long-term deprivation.* In: Annual Meeting of the Japan Neuroscience Society (Neuro 2010), September 2010, Japan.

Research Projects

Mutolibashi, Seyyed Iqbal and Zabihi, Islam and Panahpour, Hamdaleh and **Sheikhkanloui Milan, Hamid** (2019) *Effect of hydroalcoholic extract of Danbalan mushroom on the serum level of thyroid hormones in male rats.* [research project]

Sheikhkanloui Milan, Hamid and Zabihi, Islam and Mettoulibashi, Seyyed Iqbal and Mahmoodzadeh, Yavor (2016) *Effect of hydroalcoholic extract of Terfezia Boudieri on serum levels of estrogen and progesterone hormones in female rats.* [research project]

Mutolibashi, Seyyed Iqbal and Zabihi, Islam and Panahpour, Hamdaleh and **Sheikhkanloui Milan, Hamid** (2016) *Effect of hydroalcoholic extract of Danblan mushroom on the level of thyroid hormone and pituitary thyroid axis in male rats.* [research project]

Mutolibashi, Seyyed Iqbal and Zabihi, Islam and **Sheikhkanloui Milan, Hamid** (2016) *Effect of hydroalcoholic extract of Danblan mushroom on the level of estrogen and progesterone hormones in the experimental model of multiple sclerosis of female desert mice.* [research project]

Sheikhkanloui Milan, Hamid and Zabihi, Islam and Mettoulibashi, Seyyed Iqbal and Mahmoodzadeh, Yavor (2015) *Hepatoprotective effect of the methanolic extract of Terfezia Boudieri on liver damage caused by carbon tetrachloride in male rats.* [research project]

Mohammadian, Forozan and Goli Tabari, Nastern and Abedi, Ali and Saadati, Hakimeh and **Sheikhkanloui Milan, Hamid** and Salari, Ali Akbar and Amani, Mohammad (1401) *Inhibition of GABAA receptors in early life changes synaptic plasticity and cognitive functions in mice Deserts are male and female.* European Journal of Pharmacology - 925 (174992). pp. 1-11. Shapa 2999-0014

Zabihi, Islam and Mettoulibashi, Seyed Iqbal and Panahpour, Hamdaleh and **Sheikhkanloui Milan, Hamid** (2018) *Effect of hydroalcoholic extract of Danblan mushroom on serum level of thyroid hormones in male rats.* Arak University Medical Sciences - 22 (6). pp. 182-190. Shapa 1735-5338

Hamidi, Nasreen and Nozad, Abdullah and **Sheikhkanloui Milan, Hamid** and Salari, Ali Akbar and Amani, Mohammad (2018) *Effect of ceftriaxone on paired-stimulus response and long-term potentiation of hippocampal dentate gyrus neurons in Alzheimer's model rats.* Life sciences - 238 (116969). pp. 1-9. Shapa 0024-3205

Hamidi, Nasreen and Nozad, Abdullah and **Sheikhkanloui Milan, Hamid** and Amani, Mohammad (2017) *Okadaic acid reduces the short-term and long-term synaptic plasticity of neurons located in the dentate gyrus of the hippocampus.* Neurobiology of Learning and Memory - 158. pp. 24-31. Shapa 1074-7427

Zabihi, Islam and Mettoulibashi, Seyed Iqbal and Bamdad, Khayyam and Fayeqa Pilleh and Arabadi, Fayeqa and **Sheikhkanloui Milan, Hamid** (2016) *Effect of hydroalcoholic extract of Danblan mushroom on the level of estrogen and progesterone hormones in the experimental model of multiple sclerosis in female rats.* Journal of Arak University of Medical Sciences - 20 (3). pp. 48-56. Shapa 1735-5338

Mahmoudzadeh, Yavor and Mettoulibashi, Seyed Iqbal and Bamdad, Khayyam and Zabihi, Islam and **Sheikhkanloui Milan, Hamid** and Hamidi, Nasreen (2016) *The pre-treatment effect of the hydroalcoholic extract of the mushroom (Terfezia boudieri) on the improvement of liver factors in the model of liver damage caused by Carbon tetrachloride (CCl4) in male rats.* Journal of Ardabil University of Medical Sciences - 17 (1). pp. 58-68. Shapa 2228-7280

Zabihi, Islam and **Sheikhkanloui Milan, Hamid** and Mettoulibashi, Seyed Iqbal and Pilehvar Ebadi, Fayegh and Mahmoodzadeh, Yavor and Pourmohamed, Pirouz (2016) *The effect of hydroalcoholic extract of the mushroom (Terfezia boudieri) on the serum levels of estrogen and progesterone hormones in Female rat.* Journal of Babol University of Medical Sciences - 19 (4). pp. 54-59. Shapa 1561-4107

Abbasi, Asadullah and Mazani, Mohammad and Najafzadeh, Norouz and Amani, Mojtabi and **Sheikhkanloui Milan, Hamid** (2014) *Increasing the toxicity of chemotherapy drugs with all-trans retinoic acid on CD44 cells.* Scientific Journal of Babol University of Medical Sciences - 18 (3). pp. 25-32. Shapa 1561-4107

Heidari Todjed, Shirin and Najafzadeh, Nowroz and Mahdavi Rad, Mina and **Sheikhkanloui Milan, Hamid** and Klarstagh, Hossein and Nejati, Vahid (2014) *Isolation of CD34 positive hair follicle stem cells using magnetic field cell isolation system.* Journal of Ardabil University of Medical Sciences - 15 (2). pp. 171-178. Shapa 2228-7280

Niapour, Nazila and Niapour, Ali and **Sheikhkanloui Milan, Hamid** and Amani, Mohammad and Salehi, Hossein and Najafzadeh, Norouz and Gholami, Mohammad Reza (2013) *All-trans retinoic acid changes the survival and apoptosis of peripheral nerve fibroblast cells.* Tissue and Cell - 47 (1). pp. 61-65. Shapa 0040-8166

Sheikhkanloui Milan, Hamid (2012) *Investigating the graded role of the GABAergic system (GABA A) on the analgesic properties of the cuneiform nucleus in the brainstem.* Journal of Ardabil University of Medical Sciences - 12 (3). pp. 265-275. Shapa 2228-7280

Sheikhkanloui Milan, Hamid and Shibani, Vahid and Afrinesh, Mohammadreza and Esmaeili Mahani, Saeed and Shamsizadeh, Ali and Sepehri, Gholamreza (2009) Effect of electrical stimulation of the posterior cingulate nucleus on the response properties of layer four neurons of the barrel cortex (barrels of the sensory-corporal cortex) primary) following long-term sensory deprivation. Neuroscience Bulletin - 26 (5). pp. 1-7. Shapa 7067-1673

Siah Pusht Khachki, Ali and Shibani, Vahid and Afrinesh, Mohammadreza and **Sheikhkanloui Milan, Hamid** and Shamsizadeh, Ali (2009) The effect of sensory deprivation and phasic electrical stimulation of the nucleus of the locus coeruleus following lateral whisker displacement on the response characteristics of layer IV neurons. IV-barrel cortex in male rat. Faiz - 14 (1). pp. 1-11. Shapa 1029-7855

Siah Pusht Khachki, Ali and Shibani, Vahid and Afrinesh, Mohammadreza and **Sheikhkanloui Milan, Hamid** and Shamsizadeh, Ali (2008) The effect of sensory deprivation and electrical stimulation of the locus coeruleus nucleus on the response characteristics of layer IV neurons of barrel cortex in male rats. Physiology and Pharmacology - 13 (4). pp. 415-404. Shapa 0581-1735

Rizwanipour, Mozafar and Haqparast, Abbas and **Sheikhkanloui Milan, Hamid** (2006) The role of GABAA receptor inhibitor on the analgesic effect of morphine in the cuneiform nucleus. International journal of pharmacology - 2 (4). pp. 400-405. Shapa 1811-7775