

Academic CV

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Surname: Pajouhi First name: Naser

Date of birth: 21/03/1970

Nationality: Iranian

Academic status: Assistant professor of physiology

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Marital status: Married, have 2 children

Educational Background:

1-B.Sc. in nursing, Faculty of Nursing and Midwifery, Tehran University of Medical Sciences, Tehran, IRAN, January 1989- April 1994

2-M.Sc. In Human Physiology, Faculty of Medical Sciences, Ahwaz University of Medical Sciences, Ahwaz, IRAN, 23/September/1999- 10/November/2002.

3- Ph.D. In Human Physiology, Faculty of Medical Sciences, Shiraz University of Medical Sciences, Shiraz, IRAN, 23/Feb/2008- 17/Feb/2015.

Thesis Title:

M.Sc: The effect of high vitamin C intake in rat aorta contractility induced by KCL and Phenylephrine

Ph.D: The role of thyroid hormones in ventilator- induced lung injury and alveolo-capillary barrier functions in the rat

Research experience:

My main research field is respiratory system especially by Western blotting and Immunohistochemistry method in cellular and molecular biology. I've experienced with, stereotaxic instrument, tail flick, water maze, conditioned place preference (CPP) and preparing isolated small intestinal and aorta tissues, constructing microdialysis probe and hormonal assay by RIA/ELISA method.

Teaching Experience:

I've taught for 10 years in Lorestan University of Medical Sciences. in the field of blood and respiratory and special senses physiology for Medical, Dental, Pharmaceutical students and general physiology for paramedical students.

Participation in Setting:

1. Behaviour and neurophysiologic Lab (LUMS)
2. Spirometry lab (LUMS)

Congress:

- 1- The effect of oral aluminium administration on pain tolerance in rat.
Pajouhi N, Asaee R, Sarkaki A, Zahedi Asl S.
15th Iranian congress of physiology and pharmacology,7-11 nov2001.Shiraz.Iran
- 2-The effect of oral aluminium administration on basal rythm of small intestine in rat.
Pajouhi N, Asaee R, Zahedi Asl S.
2th Iranian congress of nutrition 4-8 feb 2002 Ahwaz,Iran.
- 3-The effect of oral aluminium administration on errythrocyte fragility in rat.
Asaee R, Pajouhi N, Zahedi Asl S.
5th FAOPS congress 23-26 sep. 2002 Kualalampour, Malaysia.
- 4- The effect of high vitamin C intake in rat aorta contractility induced by KCl and phenylepherine.
N.Pajoohi, S.Zahdi Asl M.Badavi, , R.Asaee.
16th Iranian congress of physiology and pharmacology,8-12 may 2003.Tehran.Iran

Publications:

- 1-The effect of long term vitamine C intake on concentration induced by KCl and phenyl efrine on isolated rat aorta.Pajouhi N,Zahedi Asl S, Asaei R. Journal of mediacal university of Zanjan,1382;44:1-5.
- 2- The effect of parental morphine addiction on extra cellular glutamate concentration of dentate gyrus in rat offspring.Asaee R, Sarkaki A, Badavi M,Pajouhi N. yafteh,1382;(18):25-32.
- 3- The Effect of Parental Morphine Addiction on Rat's Reproduction Rate and Pituitary Gonadal Axis HormoneProfile of Their Adult Offspring. Assaee R; Pajhohi N; Shirkhani Y; Tarrahi M, Zahedi Asl S. Iranian journal of Endocrineand metabolism.1387,10(1):51-8
- 4-Study of lytic phage and alkaline phosphatase on treatment of burn infections caused by Escherichia choli in mouse .Iranian Journal of medical miocrobiology ,2008; 2(1):37-43
- 5- Pituitary –gonadal Axis Hormone and Semen Analysis in Narcotic Dependency.
Assaei R, Nazari H, Pajouhi N, Zahedi Asl S. ZJRMS 2013; 15(4):53-55 .
- 6- Effect of *Satureja khozestanica* Essential oil on nicotine induced seizure in male mice.
Assaei R, Bashiri M, Pajouhi N, yafteh 2012;1(2):23-29(in persian)

7- Hepatoprotective effect of *Satureja khuzestanica* essential oil and vitamin E in experimental hyperthyroid rats: evidence for role of antioxidant effect. Assaei R, Zal F, Mostafavi-Pour Z, Dabbaghmanesh MH, Geramizadeh B, Ranjbar Omrani GH, Pajouhi N. IJMS, 2014; 39(5):459-466.

8- Effects of Essential Oil of *Satureja khuzestanica* on the Oxidative Stress in experimental Induced Hyperthyroidism in Male Rat. Assaei R, Mostafavi-Pour Z, Pajouhi N, Ranjbar Omrani GH, sepehrimanesh M, Zal F. accepted in_Veterinary Research Forum 02/2015

9- Modulation by thyroid hormone of myosin light chain phosphorylation and AQP 5 protein expression in intact lung. Journal of physiology and biochemistry. Pajouhi N, Owji M, Naghibalhossaini F, Omrani GH, Varedi M. 2015;71(1):99-106.

10- Nazari A, Moghaddasi jahromi M, Tavakoli A, Pajouhi N, Khaksarian M, Assaei R, et al . The internal evaluation of physiology department of Lorestan University of Medical Sciences. yafte. 2016; 18 (2) :76-83(in persian)

18- Differential modulation of claudin 4 expression and myosin light chain phosphorylation by thyroid function in lung injury. The clinical respiratory journal. Clin Respir J. 2017 Nov;11(6):797-804.

19-The effects of two-stage carotid occlusion on spatial memory and pro-inflammatory markers the hippocampus of rats . Mehrnoush Moghaddasi Majid Taati Payman Asadian , Ali Reza Khalatbary, Raheleh Asaei , Naser Pajouhi. J Physiol Sci ,2017: 67

20-THE EFFECT OF ENDURANCE ACTIVITY ON THE HDACA4 AND MEF2 GENE EXPRESSION IN SKELETAL MUSCLES OF MALE WISTAR RATS.

BAHRAMI F., FATHI M.*, AHMADVAND H., PAJOHI N. 2018, 20 , 1 (75) ;

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21-Use of Satureja khuzestanica Essential Oil (SKEO) in the Treatment of Diarrhea: Modes of Action on Intestinal Function in Animal Model. R Assaei, N Pajouhi
Herbal Medicines Journal (Herb Med J), 101-108,2018

22-The effects of dietary polyunsaturated fatty acids on miR-126 promoter DNA methylation status and VEGF protein expression in the colorectal cancer cells
M Moradi Sarabi, SA Zahedi, N Pajouhi, P Khosravi, S Bagheri, ...
Genes & Nutrition 13 (1), 1-9,2018

23-Pectin/chitosan/tripolyphosphate nanoparticles: efficient carriers for reducing soil sorption, cytotoxicity, and mutagenicity of paraquat and enhancing its herbicide activity
M Rashidipour, A Maleki, S Kordi, M Birjandi, N Pajouhi, E Mohammadi, ...
Journal of agricultural and food chemistry 67 (20), 5736-5745,2019

24-Clinicopathologic and ultrastructural findings of hereditary nephritis; a 16-year single center survey in Iran SM Owji, H Raesi Shahraki, N Pajouhi, SH Owji
Journal of Renal Injury Prevention,2020

25-Thyroid function modulates lung fluid and alveolar viscoelasticity in mechanically ventilated rat MS Owji, M Varedi, F Naghibalhossaini, N Pajouhi
Journal of Surgical Research 253, 272-279,2020

26-Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation
M Rashidipour, B Rasoulia, A Maleki, B Davari, N Pajouhi, ...
Pesticide Biochemistry and Physiology 178, 104919,2021

27-Effect of Testosterone Enanthate Modeling of Polycystic Ovary on Liver Irs-2 mRNA Expression in Rats: A Brief Report
SAY Ahmadi, MB Boroujeni, N Pajouhi, A Hasanvand, A Hasanvand, ...
Baghdad Science Journal 18 (3), 0480-0480,2021

28-The role of vasopressin V1A and oxytocin OTR receptors in protective effects of arginine vasopressin against H2O2-induced oxidative stress in H9C2 cells
V Ghorbanzadeh, A Jafarpour, A Pirnia, N Pajouhi, M Khaksarian, ...
Archives of Physiology and Biochemistry 128 (3), 830-835,2022

