

# Curriculum Vitae

## CONTACT INFORMATION

<b>First Name Surname</b>	Farnaz Nikbakht
<b>Address</b>	Department of Human Physiology Iran University School of Medicine Tehran, Iran
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## Language skills

English and French: Fluent in speaking, writing and reading.

## Research Experiences

- 1) Immunohistochemistry, immunofluorescent (double label- triple label)
- 2) ELISA
- 3) Apoptosis assay by TUNEL technique .
- 4) Stereotaxy
- 5) HPLC
- 6) Laser Doppler 7- Ethovision (Morris water Maze)

## Teaching fields:

1-Heart- Renal – gastrointestinal and Hormone physiology for medical students

2- Gastrointestinal and Hormone physiology for master and Ph.D students.

## Qualifications

Qualifications	Where awarded	Year
Visitor Scholarship	Flinders University, School of Medicine, Australia	2007
PhD in Human Physiology	Shiraz University of Medical Sciences, Shiraz, Iran	2008
MSC in Human Physiology	Shahid Beheshti University of Medical Sciences, Tehran, Iran	1999

## Publications

- 1) *F. Yeganeh & F. Nikbakht & S. Bahmanpour & K. Rastegar & R. Namavar.*  
Neuroprotective Effects of NMDA and Group I Metabotropic Glutamate Receptor Antagonists Against Neurodegeneration Induced by Homocysteine in Rat Hippocampus: In Vivo Study. *J Mol Neurosci* (2013) 50:551 – 557
- 2) *Susan Kohzad , Bahram Bolouri , Farnaz Nikbakht .*  
Investigating the effects of 217 Hz frequency of cell phone on learning and spatial

memory in rats. Tehran University Medical Journal, March 2013; Vol. 70, No. 12: 745-750

3) H. Rasoolijazi, N. Azad, M. T. Joghataie, M. Kerdari, **F. Nikbakht**, and M. Soleimani  
The Protective Role of Carnosic Acid against Beta-Amyloid Toxicity in Rats.  
The Scientific World Journal Volume 2013, Article ID 917082, 5 pages

4) *Fahimeh Yeganeh, Farnaz Nikbakht \**, Homa Rasouli .

The Effect of Acute Ethanol and Gabapentin Administration on Spatial Learning and Memory. Basic and clinical Neuroscience winter 2011 2,2.

5) Hamid Najafipour, **Farnaz Nikbakht**, Najmeh Sadeghi, Gholam Abbas Dehghani,  
Effect of angiotensin II on blood flow in acute and chronically inflamed knee joints of rabbits: the role of nitric oxide.

IJMS, 2009, Vol 34, No 1

6) **Nikbakht F**, Shahedi A, Sheibani V, Najafipour H, Moshtaghi GH. The effect of Enalapril on brain edema and cytokine production following transient focal cerebral ischemia in mice. Journal of Kerman University of Medical Sciences. summer 2008, Vol 15, No3

7) **Nikbakht F**, Najafipour H, Dabiri SH. The effect of enalapril on inflammation and IL1 $\beta$  and IL-8 production in chronic arthritis. Daru vol 15, no 4 2007

8) Joghataei Mt, **Nikbakht F**, Behzadi Gila, Time dependent changes in the threshold of tonic pain following injection of the neurotoxin 5,6 dihydroxytryptamin in male rats. Journal of physiology and pharmacology, vol 9 No 1, summer 2005

**9) Nikbakht F, Behzadi Gila . Evaluation of specific lesion of ventrolateral PAG projecting to NRM by Ibotenic Acid using formalin test. Journal of physiology and pharmacology, vol 4 No 2, summer 2001**

**10) Nikbakht F, Behzadi Gila .Cytological alterations in NRM neurons in male rats following formalin induced pain and excitotoxic lesions of the VL-PAG-NRM pathway by Ibotenic Acid. Yakhte medical journal Vol 2, No 6, summer 2000**

11 -- تغییرات وابسته به زمان در آستانه درد تونیک موش های نر صحرایی پس از تزریق نوروتوکسین 5/6 DHT

مجله فیزیولوژی و فارماکولوژی - شماره 1

محمد تقی جغتایی - فرناز نیک بخت - ژیلای بهزادی - مهدی مهدیزاده

بهار و تابستان 1384 جلد 9

## **Congress**

- 1) Second Basic and clinical neuroscience congress. 18-20 Dec 2013 Tehran. Iran. The effect of gabapentin on hippocampal neurodegeneration and aberrant mossy fiber sprouting in kainic acid model. of Temporal lobe epilepsy in rat. Farnaz Nikbakht- Motahare Rouhi- Somaye Dashti
- 2) First Basic and clinical neuroscience congress. 7-9 NOV 2012. A review on experimental models of Epilepsy. Farnaz Nikbakht
- 3) 8<sup>th</sup> Asian and Oceanian Epilepsy congress. 21-24<sup>th</sup> October 2010. Melbourne Australia . Effect of insulin and melatonin on kainic acid induced learning impairment in rats. Nikbakht F- Yeganeh F

4) Neuroarcheology 7<sup>th</sup> INMED conference. LA Ciotat France. 22-24 June 2009. Farnaz Nikbakht- Vahid Sheibani- Abas Shahedi- Moshtagi- Najafipour

The effect of ACE inhibitor Enalapril on brain edema, and cytokine production following transient focal cerebral ischemia in mice.

5) 18<sup>th</sup> Iranian congress of physiology and pharmacology. August 26-30 2007. Mashhad Iran. Nikbakht – Najafipour- Dabiri

The effect of enalapril on inflammation and Il-1 $\beta$  and Il-8 production on chronic arthritis

6- هشتمین همایش سالانه آسیب شناسی ایران و دومین همایش سالانه انجمن سرطان ایران 11-13 آبان 1385  
The angiotensin converting enzyme inhibitoe enalapril suppresses arthritis in rabbits

Farnaz Nikbakht- Shahriar Dabiri- Hamid Najafipour

7- چهارمین کنگره علوم تشریحی ایران. علوم پزشکی ایران

تغییرات ساختمانی در نورون های هسته رافه ماگنوس پس از القا درد التهابی و تخریب شیمیایی آوران های تحریکی  
مسیر VL- PAG توسط نوروتوکسین ایبوتنیک اسید. فرناز نیک بخت – ژیلا بهزادی- محمد تقی جغتایی-هما  
مناهیجی

8- 9<sup>th</sup> World congress on pain. Vienna Austria. August 22-27 1999

The role of Ventro- lateral PAG- NRM Excitatory pathway on Formalin test.

Gila Behzadi- Farnaz Nikbakht

### **Book Translation:**

Book title: CNS regeneratin: basic science and clinical advances

Authors: Tuszynski, Mark H.

Persian Title: **ترمیم سیستم عصبی مرکزی**

مترجمان: دکتر محمد تقی جغتایی – فرناز نیک بخت

سال چاپ: 1383

ناشر: دانشگاه بهزیستی