



## **Mohammad Reza Kaffashin**

First name:**mohammad reza**

Surname:**kaffashian**

Dept of Physiology, Medical School, Ilam University of Medical Sciences, ILAM, IRAN

Date & place of birth:**1967, Iran**

Marital status: **Married**

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### **Education:**

P.hD : **Physiology**

University: **Shaheed Beheshti Medical Sciences University ( 2003-2009)**

M.Sc.: **Physiology**

University: **Tehran Medical Sciences University (1994-1998)**

### **Professional Experience:**

Member of faculty: **from 1998, Medical University Of Ilam**

### **Reasearch Experience:**

PhD thesis: **An electerophysiological analysis of neuroprotective effect of melatonin on 3-AP induced ataxia in rat: Whole cell patch clamp recording of purkinje neurons**

M.Sc.thesis: **The effect of drugs induction (stimulant and narcotic) on visual reaction time and vital signs (blood pressure, temprature, puls)**

### **Skills:**

**Sharp and whole cell patch clamp recording techniques from slice and in vivo situation.**

**Behavioural methods (e.g. activity monitoring, rotarode) Computer skills (e.g. Excel, SPSS, Statistica, Pclamp, ...)**

## Membership:

Iranian Society of Physiology and Pharmacology (ISPP)

IBRO

IUPHAR

FAONS

IUPS

## Activities:

Participation in :

**The second Iranian congress of neural science, Tehran, IRAN, 2002**

**IBRO neuroscience workshop, Tehran, IRAN, Feb. 2002**

**Patch Clamp pregress workshop, Tehran, IRAN, by Prof. Alasdair Gibb**

**Pregress workshop of developmental neuroscience, Tehran, IRAN, by Prof. John Nicholls**

**Giving lecture about the subject of my thesis in 16<sup>th</sup> Congress of physiology, IRAN**

**The second FAONS symposium, Tehran, IRAN, May 2004**

**6<sup>th</sup> IBRO associate school of neuroscience as an instructor, IRAN, September 2006**

## Publications

Ghaysouri, A., Sadeghifard, N., Nazari, A., Kaffashian, M., Kokhazadeh, T., Tavan, H **New clinical experiences and evaluation of clinical and paraclinical features of deceased patients with COVID-19 infection referred to Shahid Mostafa Khomeini Hospital of Ilam** Travel Med Infect Dis. 2020 September-October; 37: 101657.

M Kafashi, MR Kaffashian, M Nematbakhsh, M Maleki, T Safari **Does exercise training attenuate cisplatin nephrotoxicity?** Journal of Renal Injury Prevention 2020;9(4): e29

Z Noorimotlagh, C Karami, SA Mirzaee, M Kaffashian, S Mami, M Azizi **Immune and bioinformatics identification of T cell and B cell epitopes in the protein structure of SARS-CoV-2: A systematic review** International immunopharmacology, 86(2020) 106738

M Abbasi, A Noori-Zadeh, A Seidkhani-Nahal, M Kaffashian, S Bakhtiyari, **Leptin, adiponectin, and resistin blood adipokine levels in migraineurs:** Systematic reviews and meta-analyses Cephalalgia 2019 Jul;39(8):1010-1021

A Ghorbani, E Shirzadpour, MR Kaffashian, S Mohamadpour **Anti-Atherosclerotic Effects of the Hydroalcoholic Extract of Crocus sativus L.(saffron) Petals on Hypercholesterolemic Rats** International Journal of Pharmaceutical and Phytopharmacological Research 2018 |Volume 8 |Issue 6 | Page 99-104

HM Bolbanabad, E Anvari, MJ Rezai, A Moayeri, MR Kaffashian **Amelioration of cerebellar dysfunction in rats following postnatal ethanol exposure using low-intensity pulsed ultrasound** Journal of Chemical neuroanatomy Volume 81, April 2017, Pages 71-75

M Bakhtiarpoor, M Setorki, MR Kaffashian **Effects of Essential Oil of Satureja Bachtiarica Bunge in a Rat Model of Reserpine-Induced Depression** Iranian journal of medical sciences 2010, 43 (4), 409

Kaffashian M, Shabani M, Goudarzi I, Behzadi G, Zali A, Janahmadi M. **Profound alterations in the intrinsic excitability of cerebellar Purkinje neurons following neurotoxin 3-acetylpyridine (3-AP)-induced ataxia in rat: new insights into the role of small conductance K<sup>+</sup> channels.** *Physiol Res.* 2010 Nov29.

Goudarzi I, Kaffashian M, Shabani M, Haghdoost-Yazdi H, Behzadi G, Janahmadi M. **In vivo 4-aminopyridine treatment alters the neurotoxin 3-acetylpyridine-induced plastic changes in intrinsic electrophysiological properties of rat cerebellar Purkinje neurones.** *Eur J Pharmacol.* 2010 Sep10;642(1-3):56-65.

Goudarzi, I. Kaffashian, M. R. Janahmadi, M. Fatholahi, Y. Hajizadeh **Co-treatment with riluzole, a neuroprotective drug, ameliorates the 3-acetylpyridine induced neurotoxicity in cerebellar purkinje neurons of rats: behavioural and electrophysiological** *Neurotoxicology.* 2009 May;30(3):393-402. Epub2009 Mar 5.

Goudarzi, I. Kaffashian, M. R. Janahmadi, M. Fatholahi, Y. Hajizadeh, S. **Enhancement of purkinje neuronal excitability by the inhibition of fast voltage gated K<sup>+</sup> channel function in ataxic rats.** *Yakhteh Medical journal.* 2007; 9(4):232-239 (persian)

Goudarzi, I. Kaffashian, M. R. Janahmadi, M. Fatholahi, Y. Hajizadeh, S. **Functional role of hyperpolarization activated cationic current (I<sub>h</sub>) in purkinje neurons.** 18th Iranian Congress of Physiology and Pharmacology, Mashhad, Iran,

### ***Referees:***

1. Mahyar Janahmadi, (Faculty member, Full Professor): mjanahmadi@yahoo.com
2. Afsaneh Eliassi, (Faculty member, Associate professor): afeliassi@gmail.com
3. Homa Manaheji (Head of department, Associate professor) : hmanaheji@yahoo.com