



CURRICULUM VITAE

Mohammad Ebrahim Rezvani

(BSc. MSc. PhD)

First name: Mohammad Ebrahim

Surname: Rezvani

Nationality: Iranian

Date of birth: 27 July 1968

Sex: Male

Marital status: Married, Two children

Present Position: Academic member (Assistant Professor),

Institution: Faculty of Medicine, Yazd University of Medical Sciences

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Qualifications:

1. Primary school, maibod, Iran 1985
2. High School, maibod, Iran 1989
3. BSc. of Biology from Esfahan University in May 1994.
4. MSc. of Medical physiology from Tehran Medical Sciences University On Jan. 19, 1999.
5. PhD of Medical Physiology from School of Medicine, Tarbiat Modarres University, Iran, on April 2006.

6. Diploma of Brain plastic disorders, from Canberra School of Medicine, University of Canberra, Canberra, Australia, 2000.

PROFESSIONAL EXPERIENCE:

1. Biology Teacher: Teaching Biology in high School (Esfahan-Iran)
2. Fishing manager & executive: Working in Jahad-Keshavarzi from 1995-96 Yazd, Iran.
3. Head of Dept. of Physiology: Rafsanjan Faculty of Medicine, 2008-2009
4. Research general manager: Rafsanjan University of Medical sciences, Rafsanjan, Iran 2006-2009
5. Academic Member of University: Teaching Physiology in Faculty of Medicine, Rafsanjan, Iran, 2000 to date.
6. BPD student: Department of Neurological Medicine, Canberra School of Medicine, Australia, 2000.
7. Teaching Physiology in Rafsanjan University, Educator (Lecturer), 2000 to 10 Aug.2001
8. Teaching Biochemistry in Rafsanjan University Assistant Professor (Senior Lecturer), 11 Aug.2006 to date.
9. Teaching Specialized general in medicine in Rafsanjan Faculty of Medicine as an Assistant Professor (Lecturer), 2008.
10. Currencies financial official, Rafsanjan University of Medical sciences, Rafsanjan, Iran, 2009.
11. Member of Editorial Board of the Scientific Journal of Rafsanjan University of Medical Sciences. From April 2007 to date
- 12- National consultant Board of Iranian Journal of Physiology and Pharmacology, from January 2008 to date.

MEMBERSHIP OF NATIONAL / INTERNATIONAL ASSOCIATIONS / SOCIETIES

1. Membership of Physiology and Pharmacology Association of Iran, 2006 to date
2. Membership of society for epilepsy, 2008.
3. Membership of International Brain Research Organization, 2007 to date.

PAPERS PRESENTED AS ABSTRACT

1. **Rezvani ME**, Mirnajafi-zadeh SJ, Fathollahi Y, Hossainmardi N, Shahabi P, and Palizvan MR,: Effects of A1 adenosine receptors of piriform cortex on amygdala kindled seizures in rats, O 121, 17th Iranian Congress of physiology and Pharmacology, 1384, Kerman, Iran.
2. **Rezvani ME**, Mirnajafi-zadeh SJ, Fathollahi Y, and Palizvan MR, : Changes in neuromodulatory effect of adenosine A1 receptors on piriform cortex field potentials in amygdala kindled rats, O 327, 18th Iranian Congress of physiology and Pharmacology, 1386, Mashhad, Iran.
3. Hossainmardi N, Mirnajafi-zadeh SJ, Fathollahi Y, Shahabi P, **Rezvani ME**, The role of adenosine A1 receptors of entorhinal cortex on piriform cortex kindled seizures in rats, O 122, 17th Iranian Congress of physiology and Pharmacology, 1384, Kerman, Iran.
4. Rahmani MR, Khaksari M, Pourshanazari AA, Mahmoodi M, **Rezvani ME**, Effects of different doses of calcium channel blockers on knee blood flow and temperature in rats, P 744, 17th Iranian Congress of physiology and Pharmacology, 1384, Kerman, Iran.
5. Calcium channel blockers differently effects on pain and inflammatory edema in the rat, Khaksari M, sajadi MA, Ahmadi J, Niktab N, **Rezvani ME**,: P 253, Forum of European neuroscience, 2000, Brighton, UK.
6. Khaksari M, **Rezvani ME**: effects of *Rhazya stricta* on wound healing in rats, Iranian medical students' congress, Afzalipour seminar, Kerman, Iran.
7. Razvani ME, Rashidy-Pour A, Fathollahi Y.: Unilateral reversible inactivations of the nucleus tractus solitarius and amygdala attenuate the effects of bombesin on memory storage, P 270, 14th Iranian Congress of physiology and Pharmacology, 1378, Tehran, Iran.

8. Rezaeian M, Mahmoodi M, **Rezvani ME**, Besharat F, Haji Ghodratabadi E, Molaei F: A self – audit survey on the quality and publication process of articles of journal of Rafsanjan University of medical sciences during 2001-2006. Abstract No. 5, 4 the regional congress on medical journals in the eastern region, 2008, Manama, Bahrain.
9. Esmaili Mahani S., Khaksari M., Mahmoodi M., Sajjadi M.A., **Rezvani M.E.**, and Khosravi M.H.: The role of Hypothalamus Pituitary Adrenal in anti-inflammatory effects of calcium channel blockers, 14th International congress of Geographic Medicine, and 15th Iranian congress of Physiology and Pharmacology, 1381., Shiraz, Iran.
- 10- Rahmani MR., Khaksari M., Pourshanazari AA., Mahmoodi M., **Rezvani ME**: Comparison of the effect of different doses of Calcium channel blockers on blood flow and temperature of inflamed knee joint in rat. 17th Iranian Congress of Physiology & Pharmacology, 1-4 October 2005, Kerman, Iran.
11. **Rezvani ME**, Mirnajafi-zadeh SJ, Fathollahi Y, and Palizvan MR, : Changes in neuromodulatory effect of adenosine A1 receptors on piriform cortex field potentials in amygdala kindled rats, O 327, 18th Iranian Congress of physiology and Pharmacology, 1386, Mashhad, Iran.
12. Roohbakhsh A, Hajizadeh Moghaddam A, Allahtavakoli M, Pourshanazari AA, **Rezvani ME**: Role of cannabinoid system in the dorsal hippocampus of rat in the modulation of anxiety- like behaviors using elevated plus-maze, p 402, 18th Iranian Congress of physiology and Pharmacology, 1386, Mashhad, Iran.
13. Pourshanazari AA, **Rezvani ME**, Allahtavakoli M, Rahmani MR, Roohbakhsh A, Shariati M, Mohaghegh A: Effect of estrogen on baroreflex sensitivity in nucleus tractus solitaires through autonomic tone in male rats, P 831, 18th Iranian Congress of physiology and Pharmacology, 1386, Mashhad, Iran.
14. **Rezvani ME**, Allahtavakoli M, Rahmani MR, Shamsizadeh A: Anticonvulsant effect of A1 but not A2A adenosine receptors of piriform cortex in amygdala kindled rats, P 237, Iranian pharmacological sciences congress, 1387, Kerman, Iran.
15. **Rezvani ME**, Mirnajafi-zadeh SJ, Shariati M, Rahmani MR, Anticonvulsant effect of aqueous extract of Valeriana officinalis in amygdala-kindled rats: possible involvement of adenosine, The 3rd congress of medicinal plants, 1386, Tehran, Iran.

16. **Rezvani ME**, Mirnajafi-zadeh SJ, Azin Hossain, Rahmani MR: Effect of low frequency stimulation of amygdala on seizure and kindling development in amygdala kindled rats, Iranian Epilepsy congress, 1387, Tehran, Iran.

Papers published in English:

1: **Rezvani ME**, Roohbakhsh A, Allahtavakoli M, Shamsizadeh A. Anticonvulsant effect of aqueous extract of Valeriana officinalis in amygdala-kindled rats: Possible involvement of adenosine. J Ethnopharmacol. 2009; 10.

2: **Rezvani ME**, Mirnajafi-Zadeh J, Fathollahi Y, Palizvan MR. Anticonvulsant effect of A1 but not A2A adenosine receptors of piriform cortex in amygdala-kindled rats. Can J Physiol Pharmacol. 2007; 85(6): 606-12.

3: **Rezvani ME**, Mirnajafi-Zadeh J, Fathollahi Y, Palizvan MR. Changes in neuro-modulatory effect of adenosine A1 receptors on piriform cortex field potentials in amygdala kindled rats. Eur J Pharmacol. 2007; 565(1-3): 60-7.

4: Shahabi P, Mirnajafi-Zadeh J, Fathollahi Y, Hoseinmardi N, **Rezvani ME**, Eslami-far A. Amygdala adenosine A1 receptors have no anticonvulsant effect on piriform cortex-kindled seizures in rat. Can J Physiol Pharmacol. 2006; 84(8-9): 913-21.

5: Zeraati M, Mirnajafi-Zadeh J, Fathollahi Y, Namvar S, **Rezvani ME**. Adenosine A1 and A2A receptors of hippocampal CA1 region have opposite effects on piriform cortex kindled seizures in rats. Seizure. 2006; 15(1): 41-8.

6: Rashidy-Pour A, **Rezvani ME**. Unilateral reversible inactivations of the nucleus tractus solitarius and amygdala attenuate the effects of bombesin on memory storage. Brain Res. 1998; 814(1-2): 127-32.

7: Arababadi MK, Pourfathollah AA, Jafarzadeh A, Hassanshahi G, **Rezvani ME**. Association of exon 9 but not intron 8 VDR polymorphisms with occult HBV infection in south-eastern Iranian patients. J Gastroenterol Hepatol. 2009; 27.

8: Hassanshahi GH, **Rezvani ME**, Shamsizadeh A, Mahmoodi M, Mousavi A, Dickson AG, Expression of regulated oncogen-alpha by primary hepatocytes following isolation and heat shock stimulation, Iranian Journal of Biotechnology (IJB), 2009; 7, No 1

9: Rouhbakhsh A, keshavarz S, hasanein P, **Rezvani ME**, Hagizadeh Moghadam A, Role of endocannabinoid system in the ventral hippocampus of rat in the

modulation of anxiety-like behaviours, Basic & clinical pharmacology and toxicology,

10: Khaksari M, Mahmoodi M, **Rezvani ME**, Sajadi MA, Asadi karam Gh, Hajizadeh S, Differences between male and female students in cardiovascular responses to examination stress, JAMC, 2005, 17(2): 15-19

Papers published in persian:

1: Azarang, A. Shamsizadeh, V. Sheibani, S. Azizollahi, Gh.R. Sepehri, M. Allahtavakoli, **Rezvani M.E.**, Mahmoodi M., Calmodulin Potentiates the Antinociceptive Effects of Morphine in Rats, Journal of Rafsanjan university of medical sciences, 1388, 8(1):11-18

2: Kazemi Arababadi M, Pourfathollah AA, Jafarzadeh A, Hassanshahi Gh, **Rezvani ME**, The relationship between polymorphisms in intron 8 of vitamin D receptor gene and occult HBV infection, Tehran University Medical Journal , 2009; 67, No 5,

3: Allahtavakoli M., Rezaee H, Kamrany N, Shamsizadeh A, Moloudi A, Amin F, Khatami F, **Rezvani ME**, Pourshanazari AA, Rohbakhsh A, Effect of Ascorbic Acid on Infarct Volume and Neurological Deficits after the Embolic Model of Stroke in Rat, Journal of Rafsanjan university of medical sciences, 1388, 8(1): 49-58.

4: Allahtavakoli M, Moloudi R, Heshmatian B, Rahmani MR, **Rezvani ME**, Local Brain Ischemia Inducing in Rat by Embolic Model of Stroke, Journal of Isfahan medical faculty, 1387; 26(89):162-170

5: Allahtavakoli M, Shamsizadeh A, Mahmoodi M, Moloudi R, **Rezvani ME**, Effects of a-tocotrinol and peroxisome proliferative- activated receptor ligand on the brain ischemia in male rat, Journal of Babol university of medical sciences, 1387, 10(3): 7-14.

6: Rezaeian M., Mahmoodi M., **Rezvani ME.**, Besharat F., Haji Ghodratabadi E., Molae F., A Survey on the Publication Process and Quality of Articles of Journal of Rafsanjan University of Medical Sciences During 2001-2006, Journal of Rafsanjan university of medical sciences, 1387, 7(4): 217-226

7: **Rezvani ME**, mirnajafi-Zadeh J, Fathollahi Y, Palizvan MR, Hossainmardi N, Shahabi P, The role of adenosine A1 receptor activity of piriform cortex neuron on amygdala kindled seizure in rats, *Yakhteh Medical Journal*, 2005, 6(24): 188-193

8: Hassanshahi-raviz Gh, Hagizadeh MR, Mirzaee MR, Pourshanazari AA, **Rezvani ME**, Vaziri R, Dixon AJ, effect of various concentration of inhibitors on the expression of chemokine IP-10/MOB-1, *Journal of shaheed sadooghi university of medical sciences and health services* , 1386, 15(2): 50-56

9: Khaksari M, **Rezvani ME**, Sajadi MA, Soleimani A, The effect of topically applied water extract of *rhazya stricta* on cutaneous wound healing in rats, *Journal of Semnan University of medical sciences*, 1379, 1(3): 1-10

10: Zeraati M, Mirnajafi-Zadeh J, fathollahi Y, **Rezvani ME**, Hossainmardi N, Role of adenosine A2a receptors of hippocampus CA1 region on piriform cortex kindled rats, *Kowsar medical journal*, 1384, 10(3): 167-174

11: Hossainmardi N, Mirnajafi-Zadeh J , fathollahi Y, Shahabi P, **Rezvani ME**, Namvar S, Palizvan MR, The effect of intraentorhinal injection of selective A1 receptor agonist on piriform cortex kindled seizures in rats, *Kowsar medical journal*, 1384, 10(2): 103-110

12: : Shahabi P, Mirnajafi-Zadeh J, Fathollahi Y, Hoseinmardi N, **Rezvani ME**, Namvar S, Adenosine A1 receptor of amygdala has no anticonvulsant effect on piriform cortex kindled seizures in rats, *Journal of semnan university of medical sciences*, 1384, 6(3): 229-236

13: Khaksari M, **Rezvani ME**, Sajadi MA, Hassanshahi F, Effects of estradiol and progesterone on epilepsy in chemical kindling model in rats, 1380, 1(1): 26-36

14: Hossainmardi N, Mirnajafi-Zadeh J , fathollahi Y, Shahabi P, **Rezvani ME**, Zeraati M, The effect of intraentorhinal injection of selective A2a receptor agonist on piriform cortex kindled seizures in male rats, *Kowsar medical journal*, 1384, 9(1): 41-45

Research Projects:

۱- اثر استروئید ها بر تشنج در مدل کیندلینگ شیمیایی، دانشگاه علوم پزشکی رفسنجان، پایان یافته، مجری

- ۲- بررسی اثر ورزش طولانی مدت بر روی اضطراب با استفاده از تجویز آنتاگونیستهای کانابینوئید (AM251) و اویپوئید (نالوکسان) در موشهای صحرائی نر بوسیله دستگاه ماز بعلاوه (Elevated Plus maze)، پایان یافته، مجری
- ۳- اثر میدا نه‌ای الکترومغناطیس بر آستانه تشنج در موشهای صحرائی با تحریک الکتریکی، دانشگاه تربیت مدرس و مرکز تحقیقات مخابرات تهران، پایان یافته، همکار
- ۴- بررسی اثر نوروپپتید بمبازین بر یادگیری و حافظه در مدل ماز آبی موریس، انستیتو پاستور ایران - تهران، پایان یافته، مجری
- ۵- بررسی اثر گیرنده های آدنوزینی A1 و A2 بر تشنجات ناشی از کیندلینگ آمیگدال، دانشگاه علوم پزشکی رفسنجان، پایان یافته، مجری
- ۶- اثر روغن سیاه دانه بر اختلالات ارگان های جنسی در موش های صحرائی نر، دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار
- ۷- بررسی روند چاپ مقالات در مجله دانشگاه علوم پزشکی رفسنجان، دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار
- ۸- بررسی تاثیر گیرنده های TRPV1 هیپوکامپ بر تشنجات ناشی از کیندلینگ، دانشگاه علوم پزشکی رفسنجان، در حال انجام، مجری
- ۹- اثر روغن سیاه دانه بر اختلالات ارگان های جنسی در موش های صحرائی ماده، دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار
- ۱۰- اثر آگونیست و آنتاگونیست کانابینوئیدی بر رفتارهای شبه اضطراب در مدل EPM، دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار
- ۱۱- اثر آگونیست و آنتاگونیست کانابینوئیدی بر رفتارهای شبه اضطراب در مدل EPM دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار
- ۱۲- بررسی فراوانی سبک های ترجیحی یادگیری دانشجویان ورودی ۱۳۸۸ دانشگاه پزشکی رفسنجان، دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار
- ۱۳- بررسی ترکیب گیاهی X بر تومورهای پستان ایجاد شده بوسیله DMBA در موش سوری، دانشگاه علوم پزشکی رفسنجان، در حال انجام، مجری
- ۱۴- بررسی نحوه کمی سازی فعالیت های آموزشی اعضا هیات علمی دانشگاه علوم پزشکی رفسنجان و احتساب آن در فرم پایش سالیانه و ارتقا پایه آنها، دانشگاه علوم پزشکی رفسنجان، پایان یافته، مجری
- ۱۵- بررسی تاثیر اسید اسکوربیک بر حجم انفارکتوس و اختلالات نورولوژیک متعاقب سکته مزمنی در مدل آمبولیک در موش صحرائی، دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار
- ۱۶- بررسی تاثیر ادامه یا ترک اعتیاد بر حجم انفارکتوس و اختلالات نورولوژیک متعاقب سکته مزمنی در مدل آمبولیک در موش صحرائی، دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار

۱۷- بررسی اشکالات چاپی و دستوری در چکیده های چاپ شده در مجله دانشگاه علوم پزشکی رفسنجان، دانشگاه علوم پزشکی رفسنجان، پایان یافته، همکار

۱۸- بررسی تاثیر عصاره زنیان بر تشنجات ناشی از کیندلینگ شیمیایی با PTZ، دانشگاه علوم پزشکی رفسنجان، پایان یافته، مجری

۱۹- بررسی اثرات ضد تشنجی صمغ و عصاره استونی بذر گیاه *ferula assa foetida* (آنغوزه) بر تشنجات ناشی از کیندلینگ با PTZ در موشهای صحرایی نر، دانشگاه علوم پزشکی یزد، در حال تصویب و اجرا، مجری

۲۰- بررسی اثرات محافظ نوزونی و ضد دیابتی بذر گیاه *ferula assa foetida* (آنغوزه) در دیابت تیپ ۲ و نوروپاتی دیابتی به روش کیندلینگ و آستانه سنجی در موشهای صحرایی نر، دانشگاه علوم پزشکی یزد، در حال تصویب، مجری

Training processing

1. Quantifying approach for involvement of academic member's training activity in annually level promotion, Rafsanjan University of Medical sciences, Rafsanjan, Iran, 2008.

Consult thesis as supervisor: left to complete

Consult thesis as Advisor: left to complete

Books published in Persian: left to complete

Creativity and Innovation: left to complete

Referee: left to complete

The End