

رزومه



اطلاعات شخصی

نام و نام خانوادگی: فرشته فرج دخت

تاریخ تولد: ۱۳۶۴/۰۶/۳۰

کد ملی: ۲۹۳۹۹۳۳۳۷۵

محل سکونت: تبریز، ایران

وضعیت تاهل: متاهل

ملیت: ایرانی

آخرین مدرک تحصیلی: دکتری (PhD) فیزیولوژی پزشکی از دانشگاه علوم پزشکی تبریز

تلفن همراه: ۰۹۱۴۳۸۲۷۰۱۶

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سوابق آموزشی و تحصیلی

معدل کل	سال اخذ مدرک	شهر	دانشگاه محل تحصیل	رشته تحصیلی	مدرک تحصیلی
۱۹/۰۸	۱۳۸۸	تبریز	دانشگاه علوم پزشکی تبریز	هوشبری	کارشناسی
۱۸/۴۶	۱۳۹۰	تهران	دانشگاه علوم پزشکی تهران	فیزیولوژی پزشکی	کارشناسی ارشد
۱۹/۳۶	۱۳۹۵	تبریز	دانشگاه علوم پزشکی تبریز	فیزیولوژی پزشکی	دکترای تخصصی

عنوان پایان نامه مقطع کارشناسی ارشد

- بررسی نقش هپسیدین در افسردگی القا شده توسط استرس مزمن پیش بینی نشده در رتهای نر بالغ

Investigation the role of hepcidin in chronic unpredictable stress-induced depression in male adult rat

- اساتید راهنما

- خانم دکتر آرزو نهاوندی (Email: nahavandi1999@yahoo.com)

- خانم دکتر منصوره سلیمانی (Email: masoumehsoleimani@gmail.com)

عنوان پایان نامه مقطع دکترا

- اثر گرلین بر هیپرالژزی، بیان ژنی CGRP و کانالهای TRPV1 در گانگلیون تری ژمینال در مدل تجربی میگرن در رتهای نر بالغ

Investigation of the effect of ghrelin on hyperalgesia, expression of TRPV1 channels and CGRP level in trigeminal ganglion in an experimental model of migraine in adult male rat.

- اساتید راهنما

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فهرست مقالات چاپ شده

1. **Fereshteh Farajdokht**, Arezoo Nahavandi, Mansoureh Soleimani. Effects of Dalteparin on Structure of Hippocampal Neurons of Rats in Chronic Stress (*Basic and clinical Neuroscience* / 2012; 3(3):32-37).
2. **Fereshteh Farajdokht**, Mansoureh Soleimani, Sara mehrpouya, Arezoo Nahavandi. Effect of chronic mild stress on the expression of hepcidin gene in hippocampus of male rats (*Journal of Gorgan University of Medical Sciences*, 2013; 1:15(2))
3. **Fereshteh Farajdokht**, Mansoureh soleimani, Sara Mehrpouya, Mahmood Barati, Arezoo Nahavandi. The role of hepcidin in chronic mild stress-induced depression. (*Neuroscience Letters*, 2015;588:120-124).
4. Shabnam-sadat Seyedi Tabari, Shirin Babri, Fariba Mirzaie, **Fereshteh Farajdokht**, Gisou Mohaddes. Enduring amnesia induced by ICV scopolamine is reversed by sesame oil in male rats. (*Acta Cirúrgica Brasileira*, 2016; 520-526).
5. Faranak Azizzadeh, Javad Mahmoodi, Saeed Sadigh-Eteghad, **Fereshteh Farajdokht**, Gisou Mohaddes. Ghrelin Exerts Analgesic Effects through Modulation of IL-10 and TGF- β Levels in a Rat Model of Inflammatory Pain. (*Iranian Biomedical Journal*, 2016; 21(2):114).

6. **Farajdokht F**, Babri S, Karimi P, Mohaddes G. Ghrelin attenuates hyperalgesia and light aversion-induced by nitroglycerin in male rats. (*Neuroscience Letters*/ 2016;630:30-7).
7. **Fereshteh Farajdokht**, Shirin Babri, Poursan Karimi, Mohammad Reza Alipour, Ramin Bughchechi, Gisou Mohaddes. Chronic ghrelin treatment reduced photophobia and anxiety-like behaviors in nitroglycerin-induced migraine: role of pituitary adenylate cyclase-activating polypeptide. (*European Journal of Neuroscience*, 2017;45(6):763-72).
8. Omrani H, Alipour MR, **Farajdokht F**, Ebrahimi H, Abbasi MM, Mohaddes G. Effects of Chronic Ghrelin Treatment on Hypoxia-Induced Brain Oxidative Stress and Inflammation in a Rat Normobaric Chronic Hypoxia Model. (*High Altitude Medicine & Biology*/ 21 March 2017).
9. **Fereshteh Farajdokht**, Saeed Sadigh-Eteghad, Reza Dehghani, Gisou Mohaddes, Leili Abedi, Ramin Bughchechi, Alireza Majidi, Javad Mahmoudia. Very low birth weight is associated with brain structure abnormalities and cognitive function impairments: A systematic review. (*Brain and cognition*, 2017: 118, 80-89).
10. **F Farajdokht**, M Amani, FM Babil, A Alihemmati, G Mohaddes, S Babri. Troxerutin protects hippocampal neurons against amyloid beta-induced oxidative stress and apoptosis (*EXCLI JOURNAL* 2017: 16, 1081-1089).
11. **Farajdokht F**, Mohaddes G, Shanebandi D, Karimi P, Babri S. Ghrelin attenuated hyperalgesia induced by chronic nitroglycerin: CGRP and TRPV1 as targets for migraine management. *Cephalgia*. 2017 Jan 1:0333102417748563.
12. Mohammad Alizadeh E, Mahdavi M, Jenani Fard F, Chamani S, **Farajdokht F**, Karimi P. Metformin protects PC12 cells against oxygen-glucose deprivation/reperfusion injury. *Toxicology mechanisms and methods*. 2018 Jun 7(just-accepted):1-20.
13. **Farajdokht F**, Mohaddes G, Karimi-Sales E, Kafshdoost T, Mahmoudi J, Aberoumandi SM, Karimi P. Inhibition of PTEN protects PC12 cells against oxygen-glucose deprivation induced cell death through mitoprotection. *Brain research*. 2018 Aug 1;1692:100-9.
14. Azarfarin M, **Farajdokht F**, Babri S, Salehpour F, Taghizadeh M, Mohaddes G. Effects of troxerutin on anxiety-and depressive-like behaviors induced by chronic mild stress in adult male rats. *Iranian Journal of Basic Medical Sciences*. 2018 Jun 14.
15. Diba R, Mohaddes G, Mirzaie Babil F, **Farajdokht F**, Bayandor P, Hosseindoost M, Mehri K, Zavvari Oskuye Z, Babri S. Protective effects of troxerutin on maternal high-fat diet-induced impairments of spatial memory and apelin in the male offspring. *Iranian Journal of Basic Medical Sciences*. 2018 Jul 1;21(7):682-7.
16. Bayandor P, **Farajdokht F**, Mohaddes G, Diba R, Hosseindoost M, Mehri K, Zavvari Oskuye Z, Babri S. The effect of troxerutin on anxiety-and depressive-like behaviours in the offspring of high-fat diet fed dams. *Archives of physiology and biochemistry*. 2018 Feb 26:1-7.

17. Salehpour F, **Farajdokht F**, Erfani M, Sadigh-Eteghad S, Shotorbani SS, Hamblin MR, Karimi P, Rasta SH, Mahmoudi J. Transcranial near-infrared photobiomodulation attenuates memory impairment and hippocampal oxidative stress in sleep-deprived mice. *Brain research*. 2018 Mar 1;1682:36-43.
18. Majdi A, Sadigh-Eteghad S, Talebi M, **Farajdokht F**, Erfani M, Mahmoudi J, Gjedde A. Nicotine Modulates Cognitive Function in D-Galactose-Induced Senescence in Mice. *Frontiers in Aging Neuroscience*. 2018;10.
19. Rajabi M, Mohaddes G, **Farajdokht F**, Nayebi Rad S, Mesgari M, Babri S. Impact of loganin on pro-inflammatory cytokines and depression-and anxiety-like behaviors in male diabetic rats. *Physiology international*. 2018 May 30:1-1.
20. Mahmoudi J, Mohaddes G, Erfani M, Sadigh-Eteghad S, Karimi P, Rajabi M, Reyhani-Rad S, **Farajdokht F**. Cerebrolysin attenuates hyperalgesia, photophobia, and neuroinflammation in a nitroglycerin-induced migraine model in rats. *Brain research bulletin*. 2018 Jun 1;140:197-204.
21. Mahmoudi J, Ahmadian N, **Farajdokht F**, Majdi A, Erfani M. A Protocol for Conventional Sleep Deprivation Methods in Rats. *Journal of Experimental and Clinical Neurosciences*. 2017 Jan 31;4(1):1-4.
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23. Ghazal Rahmani, **Fereshteh Farajdokht**, Gisou Mohaddes, Shirin Babri, Vida Ebrahimi, Hadi Ebrahimi. Garlic (*Allium Sativum*) improves anxiety- and depressive-related behaviors and brain oxidative stress in diabetic rats. *Archives of physiology and biochemistry*. 2018 Jun.
24. Mohammadi, A.B., Torbati, M., **Farajdokht, F.**, Sadigh-Eteghad, S., Fazljou, S.M.B., Vatandoust, S.M., Golzari, S.E. and Mahmoudi, J., 2019. Sericin alleviates restraint stress induced depressive-and anxiety-like behaviors via modulation of oxidative stress, neuroinflammation and apoptosis in the prefrontal cortex and hippocampus. *Brain research*.
25. Mahmoudi J, Mahmoodpoor A, Amirnia M, Kazemi T, Chokhachi Baradaran P, Sheikh Najafi S, Sadigh-Eteghad S, **Farajdokht F**, Xu H, Belalzadeh M, Sandoghchian Shotorbani S. The induced decrease in TLR2 and TLR4 by cerebrolysin in the alcoholic liver of rats. *Journal of cellular physiology*. 2019 Feb 12.
26. Nasrolahi A, Mahmoudi J, Karimipour M, Akbarzadeh A, Sadigh-Eteghad S, Salehi R, **Farajdokht F**, Farhoudi M. Effect of cerebral dopamine neurotrophic factor on endogenous neural progenitor cell migration in a rat model of Parkinson's disease. *EXCLI JOURNAL*. 2019 Jan 1;18:139-53.
27. Nasrolahi A, Safari F, Farhoudi M, Khosravi A, **Farajdokht F**, Bastaminejad S, Shotorbani SS, Mahmoudi J. Immune system and new avenues in Parkinson's disease research and treatment. *Reviews in the neurosciences*. 2019 Feb 23.
28. Salehpour, F., **Farajdokht, F.**, Mahmoudi, J., Erfani, M., Farhoudi, M., Karimi, P., Rasta, S.H., Sadigh-Eteghad, S., Hamblin, M.R. and Gjedde, A., 2019. Photobiomodulation and Coenzyme Q10 Treatments Attenuate Cognitive Impairment Associated with Model of Transient Global Brain Ischemia in Artificially Aged Mice. *Frontiers in Cellular Neuroscience*, 13, p.74.

29. Salehpour, F., **Farajdokht, F.**, Cassano, P., Sadigh-Eteghad, S., Erfani, M., Hamblin, M.R., Salimi, M.M., Karimi, P., Rasta, S.H. and Mahmoudi, J., 2019. Near-infrared photobiomodulation combined with coenzyme Q10 for depression in a mouse model of restraint stress: reduction in oxidative stress, neuroinflammation, and apoptosis. *Brain research bulletin*, 144, pp.213-222.

همکاری در طرح های تحقیقاتی

مجری طرح

1. Investigation of the effect of ghrelin on plasma levels of PACAP and light aversive behavior in nitroglycerin-induced acute migraine in adult male rats (accomplished), Tabriz University of medical science, 2015.

همکار اصلی در طرح های تحقیقاتی

2. Investigation the role of hepcidin in stress-induced depression in male adult rat (accomplished), Tehran University of medical science, 2010-2012.
3. Effect of ghrelin on hyperalgesia, expression of TRPV1 channels and CGRP level in trigeminal ganglion in an experimental model of migraine in adult male rat, Tabriz University of medical science, 2015.
4. Nicotinic Modulation of Cognitive Function in D-galactose-induced Senescence in Mice, Neurosciences Research center, Tabriz University of medical science, 2016.
5. Effect of cerebrolysin on sensory sensitivity, plasma levels of CGRP and PACAP and light-aversive behaviors in nitroglycerin-induced migraine in adult male rats, 2016, Rabe-Rashid Higher Education Institute.
6. Effect of transcranial laser 810 photobiomodulation on oxidative and antioxidative factors and cognitive impairments induced by sleep deprivation in mice. 2017, Rabe-Rashid Higher Education Institute.
7. Effect of transcranial near-infrared photobiomodulation and Coenzyme Q10 on learning and memory impairments induced by transient global ischemia in aged mice, Neurosciences Research center, Tabriz University of medical science, 2017.
8. Evaluation of effects of photobiomodulation therapy and coenzyme Q10 supplementation on depressive-like behaviors in mice restraint stress model. 2018. Rabe-Rashid Higher Education Institute.
9. Effect of cerebrolysin and environmental enrichment on transient global ischemic stroke-induced anxiety and depressive-like behavior in mice. 2018. Neurosciences Research Center, Tabriz University of Medical Science.
10. The effect of sericin on anxiety, depressive-like behaviors, oxidative stress as well as apoptosis induced by chronic restraint stress in male mice. 2018. School of traditional Medicine, Tabriz University of Medical Science.

کتاب های چاپ شده

-دایره المعارف

Encyclopedia of Animal Cognition and Behavior, **Heredity**. Springer-EACB. https://doi.org/10.1007/978-3-319-47829-6_71-1.

داوری مقالات

۱. دآوری مقاله تحقیقی (original) در مجله *Translational Stroke Research*
۲. دآوری مقاله تحقیقی در مجله *High Altitude Medicine & Biology*
۳. دآوری مقاله تحقیقی در مجله *Journal of Visualized Experiments (JOVE)*
۴. دآوری مقاله تحقیقی در مجله *Brain Research Bulletin*

ارائه سخنرانی و پوستر در کنگره های داخلی و بین المللی

Fereshteh Farajdokht	1. <i>Effects of Dalteparin on Structure of Hippocampal Neurons of Rats in Chronic Stress</i>	21 st International Physiology & Pharmacology Congress	Tabriz, Iran	۲ پوستر	2013
	2. <i>The role of hepcidin in stress-induced depression in male adult rat</i>	The 2 nd Provincial Congress On Medical Researches	Urmia, Iran	پوستر	2012
	<i>Effect of chronic mild stress on the expression of hepcidin gene in hippocampus of male rats</i>	5 th International basic and clinical neurosciences congress	Tehran, Iran	سخنرانی	2016
	<i>Ghrelin attenuates hyperalgesia and light aversion-induced by nitroglycerin in male rats</i> <i>Effect of ghrelin on migraine associated symptoms in an experimental chronic model of migraine in rats: CGRP, PACAP and TRPV1 as targets for migraine management</i>	13 th Congress of Iranian Pain Society	Tehran, Iran	سخنرانی	2017

دوره های آموزشی بین المللی و خارج از کشور

- **International Brain research Organization/ Asia Pacific Regional Committee (IBRO/APRC) Neurosciences Schools**
 1. 4th Tehran IBRO School of Neuroscience: Basic Approach in Neurological Diseases. Oct 17-28, 2014. Tehran, Iran.
 2. IBRO/APRC Varanasi School: Molecular Advancements in Neurobiology. Sep 5 - 20, 2015. Varanasi, India.
 3. IBRO-APRC Tehran Advanced School of Neuroscience, April 29 - May 11, 2017, Tehran, Iran.

4. **1st International and 22nd Iranian Congress of Physiology and Pharmacology: National Satellite workshop** "Microiontophoretical Pharmacologic Monitoring of the Single neuron Activity", Sep 25-28, 2015, Urmia, Iran.

عضویت در مجامع علمی

- عضویت در دفتر استعدادهای درخشان دانشگاه علوم پزشکی تهران در دوره کارشناسی ارشد (۱٪ دانشجویان برتر)
- عضویت در دفتر استعدادهای درخشان دانشگاه علوم پزشکی تبریز در دوره PhD (۱٪ دانشجویان برتر)
- عضویت در انجمن فیزیولوژی و فارماکولوژی ایران
- عضویت در سازمان بین المللی تحقیقات مغز (IBRO Alumni) International Brain Research Organization

عناوین و افتخارات

- دانشجوی برتر آموزشی در سال تحصیلی ۹۴-۹۳ دانشکده پزشکی، دانشگاه علوم پزشکی تبریز
- رتبه اول کلاس در بین دانشجویان هم ورودی در دوره PhD با معدل ۱۹,۳۶
- راه اندازی و ساخت تجهیزات آزمایشگاهی ست آپ محرومیت از خواب (Multiple-platform Sleep Deprivation Setup) در حیوانات

فعالیت‌های اجرایی

- عضویت در کمیته اجرایی بیست و یکمین کنگره بین المللی فیزیولوژی و فارماکولوژی ایران، تبریز
- عضویت در کمیته اجرایی اولین سمپوزیوم بازتوانی شناختی بعد از استروک، دانشگاه علوم پزشکی تبریز
- عضویت در کمیته اجرایی اولین مدرسه تابستانی نورومتد (1st Neuromethods Summer School)، دانشگاه علوم پزشکی تبریز

زمینه های تحقیقاتی و علاقه مندی ها

۱. علاقمند به تحقیق در زمینه های علوم اعصاب رفتاری و شناختی، نوروبیولوژی بیماریهای نورودژنراتیو و بیماریهای نوروواسکولار مانند استروک

رفرنس ها

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