

بسمه تعالی



نام: هوشنگ

نام خانوادگی: نجفی

وضعیت تاهل: متاهل

درجه علمی: دکترای Ph.D فیزیولوژی

آدرس: کرمانشاه - دانشکده پزشکی - گروه فیزیولوژی - تلفن: ۰۸۳۱-۴۲۶۴۶۱۹-۲۰

E-mail: houshang.najafi@gmail.com

سوابق آموزشی

- سال ۲۰۱۰-۲۰۰۵: دانشجوی دکترای فیزیولوژی در دانشگاه علوم پزشکی شیراز
- عنوان پایان نامه دکترای: پاتوفیزیولوژی پیشرفت آسیب کلیوی در طول ۲۴ ساعت خونرسانی مجدد بدنال نیم ساعت ایسکمی در رت و نقش گیرنده A1 آدنوزین.
- سال ۲۰۰۴-۲۰۰۲: دانشجوی کارشناسی ارشد فیزیولوژی در دانشگاه علوم پزشکی تبریز
- عنوان پایان نامه کارشناسی ارشد: تاثیر افزایش سن بر خودتنظیمی جریان خون مغز در انسان

وضعیت استخدامی

- از مهرماه سال ۱۳۸۹ تا آبان ۱۳۹۴: استادیار و عضو هیات علمی تمام وقت جغرافیایی دانشگاه علوم پزشکی کرمانشاه
- از آبان ۱۳۹۴ تا اسفند ۱۴۰۰: دانشیار و عضو هیات علمی تمام وقت جغرافیایی دانشگاه علوم پزشکی کرمانشاه
- از اسفند ۱۴۰۰ تاکنون: استاد تمام و عضو هیات علمی تمام وقت جغرافیایی دانشگاه علوم پزشکی کرمانشاه

سوابق تدریس

- ۱- تدریس فیزیولوژی کلیه و گوارش برای دانشجویان پزشکی و داروسازی
- ۲- تدریس تمام بخش های فیزیولوژی برای دانشجویان دندانپزشکی

۳- ارائه سمینار در بخش نفرولوژی

۴- تدریس فیزیولوژی کلیه و گوارش برای دانشجویان کارشناسی ارشد فیزیولوژی و نیز ارشد فیزیک پزشکی و مهندسی پزشکی

۵- تدریس فیزیولوژی عمومی برای دانشجویان مقاطع مختلف کاردانی و کارشناسی

زمینه های پژوهشی

۱- انواع مدل‌های نارسایی حاد کلیوی و نفروتوکسیسیته ها و تاثیر آنها بر اندامهای دور دست.


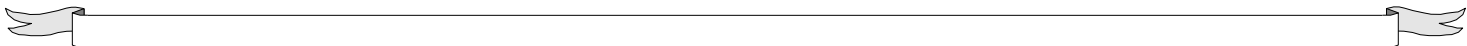
۲- بارورفلکس کاروتیدی و خودتنظیمی جریان خون مغز

مسئولیت‌های اجرایی

۱- مسئول تحصیلات تکمیلی دانشکده پزشکی از سال ۱۳۹۱ تا اسفند ۱۳۹۴

مقالات

1. Najafi H, Khamnei S, Farhoudi M. Comparing cerebral blood flow autoregulation in young males and females. *Journal of Kermanshah University of Medical sciences* 2005; 9 (2): 10-17. (Persian)
2. Khamnei S, Farhoudi M, Najafi H, Abedinzadeh M. Cerebral blood flow velocity during a short period of carotid baroreflex stimulation in the young and middle aged humans. *The internet journal of neurology* 2005; volume 3, number 2.
3. Khamnei S, ghandchilar N, Najafi H, Farhoudi M. The effect of postvagal tachycardia on cerebral blood flow in young and middle-aged persons. *Ardebil Medical University Journal* 2006; 6 (1): 24-30. (Persian)
4. Ahmadiasl N, Khamnei S, Abedinzadeh M, Najafi H, Mohammadi M. Lung function reference values in Iranian adolescents. *Eastern Mediterranean Health Journal* 2006; 12 (6): 834-839.
5. Najafi H, Shid Moosavi SM. Contribution of A₁-adenosine receptor in the development of renal functional disturbances during early hours of reperfusion following ischemia in anaesthetized rats. *Arak Medical University Journal* 2010; 13 (2): 146-159. (Persian)
6. Najafi H, Ashtiyani SC, Khamnei S. Review of the effects of baroreceptors stimulation on heart rate and cerebral blood flow during exercise and rest. *Arak Medical University Journal* 2011; 14(56):106-115. (Persian)

- 
7. Changizi Ashtiani S, Najafi H, Kabirinia K, Vahedi E, Jamebozorky L. Oral omega-3 administration cause to reduction of renal dysfunction induced by ischemia/reperfusion in rats. *IJKD* 2012; 6 (4): 275-283.
 8. Meysam Najafi, Mohammad Najafi, Houshang Najafi. DFT/B3LYP Study to Investigate the Possible Ways for the Synthesize of Antioxidants with High Efficiency Based on Vitamin E. *Bull. Korean Chem. Soc.* 2012; 33 (10): 3343-3348.
 9. Meysam Najafi, Mohammad Najafi, Houshang Najafi. DFT/B3LYP study of the substituent effects on the reaction enthalpies of the antioxidant mechanisms of Indole-3-Carbinol derivatives in the gas-phase and water. *Computational and Theoretical Chemistry* 2012; 999: 34–42.
 10. Meysam Najafi, Mohammad Najafi, Houshang Najafi. DFT/B3LYP Study of the Substituent Effects on the Reaction Enthalpies of the Antioxidant Mechanisms of Magnolol Derivatives in the Gas-Phase and Water. *Bull. Korean Chem. Soc.* 2012; 33(11): 3607-3617.
 11. Meysam Najafi, Mohammad Najafi, Houshang Najafi. DFT/B3LYP Study of the Substituent Effects on the Reaction Enthalpies of the Antioxidant Mechanisms of Sesamol Derivatives in the Gas phase and water. *Can. J. Chem.* 2012; 90: 915–926.
 12. Changizi Ashtiani S, Najafi H, Firozifard MR, Shafaat O. Grape Seed Extract for Reduction of Renal Disturbances Following Reperfusion in Rats. *IJKD* 2013; 7(1): 28-35.
 13. Meysam Najafi, Mohammad Najafi, Houshang Najafi. Theoretical study of the substituent effects on the reaction enthalpies of the antioxidant mechanisms of stobadine derivatives in the gas-phase and water. *Journal of Theoretical and Computational Chemistry* 2013; 12(2): 1-19.
 14. Changizi Ashtiani S, Najafi H, Jalalvandi S, Hosseinei F. Protective Effects of Rosa Canina L Fruit Extracts on Renal Disturbances Induced by Reperfusion Injury in Rats. *IJKD* 2013; 7(4): 290-298.
 15. Changizi Ashtiani S, Jafari M, Najafi H, Ahmadi M. Protective effects of Salvia Officinalis extract against gentamicin-induced nephrotoxicity in rat. *Journal of Kermanshah University of medical sciences* 2013; 17(4), 212-220. (persian)
 16. Meysam Najafi, Mohammad Najafi, Houshang Najafi. Theoretical Study of the Substituent and Solvent Effects on the Reaction Enthalpies of the Antioxidant Mechanisms of Tyrosol Derivatives. *Bull Chem Soc Jpn.* 2013; 86 (4): 497-509.
 17. Najafi H, Mohamadi Z, Pourmoyabed A, Madani SH, Seyedzadeh SA. Effect of Crocin on renal tissue damages and leukocyte infiltration induced by
- 

ischemia-reperfusion in rats. *Journal of Kermanshah University of medical sciences* 2013; 17(8), 394-403. (persian)

18. Jafarey M, Changizi Ashtiyani S, Najafi H. Calcium Dobesilate for Prevention of Gentamicin-induced Nephrotoxicity in Rats. *IJKD* 2014; 8(1): 46-52.
19. Najafi H, Mahmoudzadeh L, Shakibaei D. Protective Effects of Safron hydro alcoholic extract against renal tissue damages induced by ischemia-reperfusion in rat. *Journal of Kermanshah University of medical sciences* 2014; 18(3), 138-146. (persian)
20. Najafi H, Firouzifar MR, Shafaat O, Changizi Ashtiyani S, Hosseini N. Protective effects of Tribulus Terrestris L extract against acute kidney injury induced by reperfusion injury in rats. *IJKD* 2014; 8(4): 293-8.
21. Najafi H, Changizi Ashtiyani S, madani SH, Fakhri S, Mohamadi yarijani Z, Hazem M. Therapeutic effects of Curcumin on renal tissue damages induced by ischemia reperfusion in rat. *Koomesh* 2014; 16(2): 273-281.
22. Najafi H, Changizi Ashtiyani S, Sayedzadeh SA, Mohamadi yarijani1 Z, Fakhri S. Therapeutic effects of curcumin on the functional disturbances and oxidative stress induced by renal ischemia/reperfusion in rats. *Avicenna J Phytomed.* 2015; 5 (6): 576-586.
23. Mohamadi Yarijani Z, Najafi H, Madani SH. Protective effect of crocin on gentamicin-induced nephrotoxicity in rats. *Iran J Basic Med Sci.* 2016; 19: 337-343.
24. Najafi H, Owji SM, Kamali-Sarvestani E, Shid Moosavi SM. A1-Adenosine receptor activation has biphasic roles in development of acute kidney injury at 4 and 24 h of reperfusion following ischaemia in rats. *Exp Physiol.* 2016; 101(7): 913-931.
25. Changizi-Ashtiyani S, Alizadeh M, Najafi H, Babaei S, Khazaei M, Jafari M, Hossaini N, Avan A, Bastani B. Physalis alkekengi and Alhagi maurorum ameliorate the side effect of cisplatin-induced nephrotoxicity. *Cancer Gene Therapy* 2016; 23(7):235-40.
26. Ashtiyani SC, Seddig A, Najafi H, Hossaini N, Avan A, Akbary A, Manian M, Nedaeinia R. Pimpinella anisum L. ethanolic extract ameliorates the gentamicin- induced nephrotoxicity in rats. *Nephrology* 2017; 22(2): 133-138.
27. Mahmoudzadeh L, Najafi H, Changizi-Ashtiyani S, Mohamadi yarijani Z. Anti-inflammatory and protective effects of Saffron extract in ischaemia-reperfusion induced acute kidney injury. *Nephrology* 2017; 22(10): 748-52.
28. Mohamadi Yarijani Z, Pourmotabbed A, Pourmotabbed T, Najafi H. Crocin has anti-inflammatory and protective effects in ischemia-reperfusion induced renal injuries. *Iran J Basic Med Sci* 2017; 20:754-760.

29. Najafi H, Mohamadi Yarijani Z, Najafi M. Theoretical and experimental in vivo study of antioxidant activity of crocin in order to propose novel derivatives with higher antioxidant activity and their delivery via nanotubes and nanocones. *Inflammation* 2017; 40(5): 1794-1802.
30. Najafi H, Changizi-Ashtiyani S, Najafi M. Antioxidant activity of omega-3 derivatives and their delivery via nanocages and nanocones: DFT and experimental in vivo investigation. *J Mol Model* 2017; 23(11): 326.
31. Najafi H, Mohamadi Yarijani Z, Changizi-Ashtiyani S, Mansouri K, Modarresi M, Madani SH, Bastani B. Protective effect of *Malva sylvestris* L. extract in ischemia-reperfusion induced acute kidney and remote liver injury. *Plos One* 2017; 12(11): e0188270.
32. Mohamadi Yarijani Z, Godini A, Madani SH, Najafi H. Reduction of cisplatin-induced renal and hepatic side effects in rat through antioxidative and anti-inflammatory properties of *Malva sylvestris* L. extract. *Biomed Pharmacother* 106; 2018: 1767-1774.
33. Mohamadi yarijani Z, Najafi H, Shackebaei D, Madani SH, Modarresi M, Jassemi SV. Amelioration of renal and hepatic function, oxidative stress, inflammation and histopathologic damages by *Malva sylvestris* extract in gentamicin induced renal toxicity. *Biomed Pharmacother*. 2019; 112: 108635.
34. Mohammadi M, Najafi H, Mohamadi Yarijani Z, Vaezi G, Hojati V. Piperine pretreatment attenuates renal ischemia-reperfusion induced liver injury. *Heliyon* 2019; 5: e02180.
35. Hafazeh L, Changizi-Ashtiyani S, Jalali-Mashayekhi F, Rahjo T, Najafi H, Babaei S. The therapeutic effect of *Centella asiatica* hydroalcoholic extract on gentamicin-induced nephrotoxicity. *Physiol Pharmacol* 2019; 23: 215-223.
36. Hafazeh L, Changizi-Ashtiyani S, Ghasemi F, Najafi H, Babaei S, Haghverdi F. Stem Cell Therapy Ameliorates Ischemia-reperfusion Induced Kidney Injury After 24 Hours Reperfusion. *Iran J Kidney Dis* 2019; 13(6): 372-380.
37. Mohammadi M, Najafi H, Mohamadi Yarijani Z, Vaezi G, Hojati V. Protective effect of piperine in ischemia-reperfusion induced acute kidney injury through inhibition of inflammation and oxidative stress. *Journal of Traditional and Complementary Medicine* 2020; 10: 570-576.
38. Changizi-Ashtiyani S, Hafazeh L, Ghasemi F, Najafi H, Saeed Babaei S, JalallyMashayekhi F, et al. The effect of adipose-derived mesenchymal stem cells on renal function and histopathology in a rat model of ischemia-reperfusion induced acute kidney injury. *Iran J Basic Med Sci* 2020; 23:999-1006.
39. Hafazeh L, Changizi-Ashtiyani S, Najafi H, Ghasemi F, Rahjoo T, Babaei S, et al. Therapeutic effects of adipose-derived Mesenchymal stem cells on gentamicin-induced renal failure. *Physiol Pharmacol* 2020; 24: 133-141.

40. Mohamadi Yarijani Z, Najafi H, Madani SH. Protective Effect of P-Coumaric Acid against Cisplatin-Induced Nephrotoxicity and Hepatotoxicity in Rats. *J Mazandaran Univ Med Sci* 2020; 30(185): 1-13.

41. Najafi H, Zarei R, Alimoradian A, Asafari M, Mohammadi M, Samadi F, Ramezani M, Changizi Ashtiyani S. A review on humane endpoints in animal experimentation for biomedical research. *Physiol Pharmacol* 2021; 25 (1): 1-6.

42. Mohamadi Yarijani Z, Madani SH, Changizi-Ashtiyani S, Najafi H. Protective effects of date palm pollen extract on gentamicin-induced hepatotoxicity. *Physiol Pharmacol* 2021; 25 (3): 251-260.

43. Mohamadi Yarijani Z, Najafi H. Kidney injury in COVID-19 patients, drug development and their renal complications: Review study. *Biomed Pharmacother.* 2021; 142: 111966.

44. Omidian N, Najafi H. Pathophysiology of A1 Adenosine Receptor Inhibition in Acute Kidney Injury Induced by Ischemia-Reperfusion: a Review Study. *Journal of Ardabil University of Medical Sciences.* 2021; 20(4): 439-455. (persian).

45. Omidian N, Mohamadi Yarijani Z, Modarresi M, Godini A, Najafi H. Anti-inflammatory and antioxidative properties of date pollen in the gentamicin-induced renal toxicity. *Physiol Pharmacol* 2022; In press.


Abstracts:

1. Najafi H. Khamnei S. Farhoudi M. Effect of postvagal tachycardia on cerebral blood flow in young persons. The 17th Iranian Congress of Physiology & Pharmacology – P-151.

2. Najafi H. & Moosavi S.M.S. (2009): The role of A₁-adenosine receptor in progression of renal dysfunctions during 24 hour of reperfusion following ischemia in anaesthetized rats. The 19th Iranian Congress of Physiology & Pharmacology – A-10-470-1.

3. Houshang Najafi, Seyed mostafa Shid moosavi, Seyed mohammad owji, Skandar Kamali sarvestani. The role of A₁- adenosine receptor on functional disturbances, inflammation and histological damages during 4 and 24 hours of reperfusion following renal ischemia . The 20th Iranian Congress of Physiology & Pharmacology.

4. Seyed mostafa Shid moosav, Houshang Najafi, Seyed mohammad Owji, Skandar Kamali sarvestani. How and when during reperfusion following ischemia the effects of A₁-adenosine receptor inhibition on renal injury are reversed. The 20th Iranian Congress of Physiology & Pharmacology.

- 
- 5. Zeynab Mohamadi, Houshang Najafi, Ali Pourmotaabed. Survey the effects of crocin on renal functional disturbances and histological damages following ischemia reperfusion in rat. The 21th Iranian Congress of Physiology & Pharmacology.**
 - 6. Houshang Najafi, Zeynab Mohamadi. Anti-inflammatory and Protective Effects of Crocin in Ischemia- Reperfusion Induced Renal Injuries. The first international and 22th Iranian Congress of Physiology & Pharmacology.**
 - 7. Zeynab Mohamadi, Houshang Najafi. Protective Effect of Crocin on Gentamicin-Induced Nephrotoxicity in Rat. The first international and 22th Iranian Congress of Physiology & Pharmacology.**

