

In The Name Of GOD

Curriculum Vitae



Name: Houshang Najafi

Date of birth: Jan 1976

Marital status: Married

Scientific Degree: Ph.D (Renal Physiology)

Address: Department of Physiology, the Medical School, Kermanshah University of Medical Sciences, Kermanshah, Iran

Tel: 0831-4274619-20

E-mail: houshang.najafi@gmail.com

Educational Records:

2005 –2010: Ph.D student of physiology, Shiraz University of Medical Sciences, Shiraz, Iran

PhD Thesis Title: Pathophysiology of renal injury progression during 24 hour reperfusion following ischemia in rat and the role of A1-adenosine receptor

2002-2004: M.Sc student of physiology, Tabriz University of Medical Sciences, Tabriz, Iran

M.Sc. Thesis Title: The effect of senility on autoregulation of brain blood flow in man

Scientific records:

- 1. Acquiring 3th rank in Ph.D exam in iran, 2004.**
- 2. Acquiring excellent rank between Ph.D students in Shiraz university of medical sciences, 2005.**

Employment:

2010 - Nov 2015: Assistant professor, Department of physiology, Kermanshah University of Medical Sciences, Kermanshah, Iran

Nov 2015 - present: Associate professor, Department of physiology, Kermanshah University of Medical Sciences, Kermanshah, Iran




Teaching Experiences:

- 1. Teaching renal and gastrointestinal physiology for medical, pharmacy and dentistry students**
- 2. Teaching renal and gastrointestinal physiology for MSc students of physiology**
- 3. Teaching circulation and respiration physiology to dentistry students**
- 4. Presentation of seminars in nephrology department**
- 5. Teaching general physiology to different paramedical students**

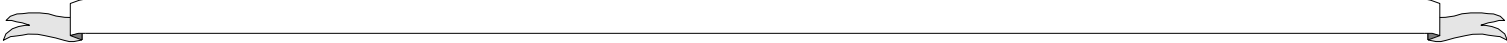

Research Interests:

- 1. All models of acute renal failure and nephrotoxicity**
- 2. Carotid baroreflex and cerebral blood flow autoregulation**

Publications:

- 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)**
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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.

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17. Najafi H, Mohamadi Z, Pourmoyabed A, Madani SH, Seyedzadeh SA. Effect of *Crocine* 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;
26. 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* 2016; doi: 10.1111/nep.12849.
27. Ashtiyani SC, Seddig A, Najafi H, Hossaini N, Avan A, Akbary A, Manian M, Nedaenia R. *Pimpinella anisum* L. ethanolic extract ameliorates the gentamicin-induced nephrotoxicity in rats. *Nephrology* 2016; doi: 10.1111/nep.12953.
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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.***