

Curriculum Vitae

Investigator:

NEKOOEIAN, Ali Akbar, DVM, M.Sc, Ph.D.

Education:

DVM (Veterinary Medicine)	Shiraz University, Iran	1987
M.Sc. (Pharmacology)	University of Toronto, Canada	1994
Ph.D. (Pharmacology & Therapeutics)	U. of British Columbia, Canada	1999

Professional Experience:

Jahrom Medical School	Lecturer (Pharmacology)	1987-1990
Shiraz University of Medical Sciences	Assistant Professor (Pharmacology)	1999-

Publications:

1. **Nekooeian, A. A.**, Ogilvie R. I., Zborowska-Sluis, D. (1995). Acute hemodynamic effects of drugs acting on the renin-angiotensin system in acute heart failure. *Canadian Journal of Cardiology*. 11(1): 59-65.
2. **Nekooeian A. A.**, Tabrizchi R. (1996). Effects of adenosine A_{2A} receptor agonist, CGS 21680, on blood pressure, cardiac index and arterial conductance in anesthetized rats. *European Journal of Pharmacology*. 307: 163-169.
3. **Nekooeian, A. A.**, Tabrizchi R. (1998). Effects of CGS 21680, a selective adenosine A_{2A} receptor agonist, on cardiac output and vascular resistance in acute heart failure in anesthetized rats. *British Journal of Pharmacology* 123: 1666-1672.
4. **Nekooeian, A. A.**, Tabrizchi R. (1998). Hemodynamic effects of a selective adenosine A_{2A} receptor agonist, CGS 21680 in chronic heart failure in anesthetized rats. *British Journal Pharmacology* 125: 651-658.
5. **Nekooeian, A. A.**, Pang, C. C. Y. (1998). Estrogen restores role of basal nitric oxide in control of vascular tone in rats with chronic heart failure. *American Journal of Physiology* 274: H2094-H2099.
6. **Nekooeian, A. A.**, Pang, C. C. Y. (1998). Chronic 17 β -Estradiol augments relaxant role of basal nitric oxide in blood vessels from rats with heart failure. *Naunyn-Schmiedberg's Archives of Pharmacol.* 358: 671-677.
7. **Nekooeian, A. A.**, Pang, C. C. Y. (1999). Effects of estrogen on venous function in rats with chronic heart failure. *American Journal Physiology* 278: H1941-H1947.
8. Vakili, A., Dehghani, G. A., **Nekooeian, A. A.** (2004). An experimental model of transient focal cerebral ischemia following occlusion of middle cerebral artery in rat (in persian). *Physiology and Pharmacology* 8: (1): 3-12.
9. Vakili, A. **Nekooeian, A. A.**, Dehghani, G. A. (2004) L-NAME and 7-Nitroindazole reduce brain injuries in transient focal cerebral ischemia in rat. *Iranian Journal of Medical Sciences* 29 (3): 109-115.
10. Mansouri, P., Slotani, F., Rahemi R., Moosavi-Nasab M., Ayatollahi A.R., **Nekooeian, A.A.** Nursing and Midwifery Students' Approaches to Study and Learning. *Journal of advanced nursing* Accepted.
11. **Nekooeian A.A.**, Mashhoodi T. Solid plexiglass clips for the induction of reproducible renal hypertension in the rat. *Indian J. Pharmacology*, Accepted.

12. **Nekooeian A.A.**, Vakili, A., Dehghani, G. A. Preischemic treatment of Pentoxifyllin reduces ischemic infarct volumes in transient focal cerebral ischemia in the rat. *Iranian Journal of Medical Sciences* 30 (4): 169-173.
13. M. Motamedifar, **Nekooeian A.A.** , A.Moatari (2007) . The effect of Hydrocholic Extract of Olive Leaves against Herpes Simplex Virus Type 1. *Iranian Journal of Medical Sciences* 32 (4): 222-226.
14. H.Panahpour, **Nekooeian A.A.**, G.A.Dehghani(2007).Inhibition of Angiotensin-Converting Enzyme Reduces Cerebral Infarction Size in Experimental-Induced Focal Cerebral Ischemia un the Rat. *Iranian Journal of Medical Sciences* 32(1): 12-17
15. A.Kouhpayeh, H.Mirkhani, **Nekooeian A.A.**(2008).Impeovement of Endothelium-Dependent Relaxation in Aorta of Rat Models Type 1 and 2 Diabetes by Hesperidin.*Iranian cardiovascular research journal* 1(4):200-207
16. F.Zand ,**Nekooeian A.A.** ,M.Rohani(2008).Enditracheal Tube Cuff Pressure Monitoring in Intensive Care Units. *Iranian red crescent medical journal* 10(3): 220-224
17. A. Khalili, M.B.Khosravi, A.A.Zolghade Asli, **Nekooeian A.A.** (2009). The aqueous extract of Vaccinium Arctostaphylus Berries decreases blood pressure in rat model of Two-Kidney ,One-Clip renal hypertension. *Iranian cardiovascular research journal* 3(4): 195-199
18. J.Ai ,**Nekooeian A.A** ,M.A.Takhshid ,N.Mostafizi ,D.Mehrabani (2009).Effect of aqueous extract of Crocus sativus L.(Saffron) stigma on serum levels of gonadotropins and folliculogenesis in adult rats .*Indian journal*
19. **Nekooeian A.A.**,A.Khalili,KatayounJavidnia,A.R.Mehdipour,R.Miri,(2009). Antihypertensive effects of some new nitroxyalkyl 1,4-Dihydropyridine derivetives in rat model of Two-Kidney,One-Clip hypertension. *Iranian journal of Pharmaceutical research* 8(3):193-199
20. Ava Soltani Hekmat ,Hamid Najafipour,**Nekooeian A.A.** ,Saeed Esmaeli-Mahani,Kazem Javanmardi,(2011). Cardiovascular responses to apelin in two-kidney one-clip hypertensive rats and its receptor expression in ischemic and non-ischemic kidneys.*Regulatory Peptides* 172: 62-68
21. **Nekooeian A.A.** ,G.A.Dehghani, H. Mostafavi, A.Khalili (2011).The effect of hydroalcoholic extract of Olive Leaves on blood pressure in rat model of two-kindey,one-clip Goldblatt Hypertension. *Iranian cardiovascular research journal* 5(1):1-6
22. H.Najafipour,A.Soltani Hekmat,**Nekooeian A.A.** ,S.Esmaeli-Mahani,(2012).Apelin receptor expression in ischemic and non-ischemic kidneys and cardiovascular responses to apelin in chronic two-kidney one-clip hypertension in rats. *Regulatory Peptides* 178:43-50
23. A.Khalili,**Nekooeian A.A.** ,M.B.Khosravi,SH.Fakher (2012).Simultaneous renal hypertension and type 2 diabetes extracerebate vascular endothelial dysfunction in rats.*International journal of expeimental pathology* 93,210-217.
24. **Nekooeian A.A.**(2011). How to weite a scientific article ? *Iranian journal of orthopaedic surgery*,9(2):89-93

تعیین تاثیر هسپریدین بر اختلال عملکردی قلب ناشی از دیابت نوع 1 در موش های صحرایی . مجله ارمنان دانش -
:14(1):25-35

Oral presentations;

1. **Nekooeian, A.A.**, Panjehshahin, M.R., Khalvati, F. Medical pharmacology teaching at Shiraz Medical School; Medical interns' views. 14th international congress of geographic medicine and 15th Iranian congress of physiology and pharmacology, Nov 5-8, 2001, Shiraz, Iran.
2. **Vakili, A.**, Dehghani, G.A., **Nekooeian, A.A.**, Vasei M. Role of nitric oxid in experimental-induced transient focal cerebral ischemia in rat. 16th Iranian congress of physiology and pharmacology, May 9-13, 2003, Tehran, Iran.
3. **Vakili, A.**, Dehghani, G.A., **Neekooeian, A.A.**, Vasei, M. Ezpermental-induced temporary focal cerebral ischemia in rat. 16th Iranian congress of physiology and pharmacology, May 9-13, 2003, Tehran, Iran.
4. **Dehghani, G.A.**, Vakili, A., **Nekooeian, A.A.**, Vasei, M. Different effects of anesthetic agents on experimental-induced transient focal cerebral ischemia in rat. 16th Iranian congress of physiology and pharmacology, May 9-13, 2003, Tehran, Iran.
5. Mostafavi, H., **Nekooeian, A.A.**, Dehghani, G.A. The role of basal nitric oxide in the hypotensive effects of hydroalcoholic olive leaves extract in rat model of two-kidney, one clip hypertension. 17th Iranian congress of physiology and pharmacology, Oct. 1-4, 2005, Kerman, Iran.
6. **Nekooeian, A.A.**, Vakili A., Dehghani, G.A. Pentoxifyfillin reduces the cortical and striatal infarct volumes in transient ischemia in rat. 17th Iranian congress of physiology and pharmacology, Oct. 1-4, 2005, Kerman, Iran.
7. **Dehghani, G.A.**, Vakili, A., **Nekooeian, A.A.** Aminoguanidine reduces the cortical and striatal infarct volumes in transient ischemia in rat. 17th Iranian congress of physiology and pharmacology, Oct. 1-4, 2005, Kerman, Iran.

Poster presentations;

- 1 **Nekooeian, A. A.**, Tabrizchi R. (1997). Effects of CGS 21680 on hemodynamics in chronic heart failure. The Pharmacologist, 39, 76.
2. **Nekooeian, A. A.**, Tabrizchi R. (1997). Effects of CGS 21680 in rats with acute heart failure. Canadian Federation of Biological Societies, 40, 168.
3. **Nekooeian, A. A.**, Tabrizchi, R., Pang, C. C. Y. (1997). Effects of estrogen in chronic heart failure, J. Mol. Cell. Cardiol., 29, A174.
4. **Nekooeian A. A.**, Pang C. C. Y. (1998). Estrogen restores the role of basal nitric oxide in the regulation of the mean arterial pressure in rats with chronic heart failure. The FASEB J. 12: A83.
5. **Savagheb, S.**, **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M. Medical students views about embryology teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
6. **Moasser, AR.**, **Nekooeian, A.A.**, Jahaadi, H.R., Panjehshahin, M.R. Medical students views about genetics teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.

7. Amin Lari, A., S., **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M. Medical students views about physiology teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
8. Ettehad, H., **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M. Medical students views about medical physics teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
9. Rezaaie, S., **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M. Medical students views about histology teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
10. Raiat Pisheh, M., **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M., Medical students views about immunology teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
11. Khojasteh, F. **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M.R., Medical students' views about anatomy teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
12. Hosseini S., **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M.R., Medical students' views about biochemistry teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
13. Davoodi, S., **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M.R., Medical students views about microbiology teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
14. Dehghan, S., **Nekooeian, A.A.**, Jahaadi, H.R., Saaberi Firoozi, M.R., Medical students views about parasitology teaching at Shiraz medical School, First international student congress of medical sciences, Nov. 5-8, 2001, Shiraz, Iran.
15. Ay, J., **Nekooeian, A.A.**, Shojaei, J., Jazayeri, Z. The effects of high dose of testosterone enantate on cardiac histomorphologic changes in adult male rat. 15th international congress of geographic medicine and 5th national congress of medical education. Dec. 9-11, 2002, Shiraz, Iran.
16. Esfandyari, S., Ansari, N., Poureismail, F., Dehghan Khalili, S., Ghaedian, L., Bakhtiary, M., **Nekooeian, A.A.** Medical students' view about learning assessment in shiraz Medical school. 15th international congress of geographic medicine and 5th national congress of medical education. Dec. 9-11, 2002, Shiraz, Iran.
17. **Nekooeian, A.A.**, Mashhoodi, T. Solid plexiglass clips for the induction of renal hypertension in rat. 17th International congress of geographic medicine, renal diseases and hypertension. Nov. 23-25, 2004, Shiraz, Iran.
18. Mostafavi, H., **Nekooeian, A.A.**, Dehghani, G.A. Effects of hydroalcoholic olive leaf extract on the development of hypertension in two-kidney, one-clip hypertensive rats. 17th International congress of geographic medicine, renal diseases and hypertension. Nov. 23-25, 2004, Shiraz, Iran.
19. Khalili, A., **Nekooeian, A.A.** Blood pressure lowering effects of hydroalcoholic extract of *Apium graveolens* in rat model of two-kidney, one-clip hypertension. First seminar of medicinal and natural product chemistry. May 10-11, 2005, Shiraz, Iran.
20. Mostafavi, H., **Nekooeian, A.A.** Preventive effects of hydroalcoholic extract on increase of blood pressure in Goldblatt hypertension is not dose-dependent. First seminar of medicinal and natural product chemistry. May 10-11, 2005, Shiraz, Iran.
21. **Nekooeian, A.A.**, Malek-Hosseini, Amighofran, Z. Possible inhibitory effects of *Alium ascalonicum* on human T cells. First seminar of medicinal and natural product chemistry. May 10-11, 2005, Shiraz, Iran.
22. Moatari, A., **Nekooeian, A.A.** Antiinfluenza virus activity of hydroalcoholic extract of olive leaves. The 3rd Iranian Congress of Virology. Jan. 21-23, 2006, Tehran, Iran.

23. **Nekooeian, A.A.** Considerations on writing manuscripts in medical sciences. Third international congress on medical journals in the eastern mediterranean. Jan. 26-26, 2006, Shiraz, Iran.