

Dr. Moslem Najafi ,PharmD, PhD



Title: Professor of Pharmacology

Department: Pharmacology and Toxicology

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Educational Background

- **1994:** PharmD, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.
- **2006:** Doctor of Philosophy (PhD) in Pharmacology, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.
- **2006:** Postdoctoral Research Fellow, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Canada.
- **2009:** Fellowship in Medical Education, Tabriz University of Medical Sciences, Tabriz, Iran.

Academic Positions

- **Feb 2015-present:** Professor of Pharmacology, Department of Pharmacology, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.
- **Oct 2010-Feb 2015:** Associate Professor of Pharmacology, Department of Pharmacology, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.
- **May 2006-Oct 2010:** Assistant Professor of Pharmacology, Department of Pharmacology, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.
- **1999-2006:** Instructor in Pharmacology, Department of Pharmacology, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.
- **1995-1999:** Instructor in Pharmacology, Department of Physiology and Pharmacology, Faculty of Medicine, Zanzan University of Medical Sciences, Zanzan, Iran.

Teaching Experiences

- Teaching Pharmacology for Nursing, Midwifery, Para-Medicine and Family Health students, Zanzan University of Medical Sciences, Nov 1995 - Feb 1998
- Teaching Pharmacology for Maragheh city Nursing students, Tabriz University of Medical Sciences, Sep 1999 - Feb 2001

- Teaching Pharmacology for Nursing students, Tabriz University of Medical Sciences, Sep 2001 - Sep 2002
- Teaching Pharmacy training for pharmacy students, Drug Information Center, Faculty of Pharmacy, Tabriz University of Medical Sciences, Nov 2001 - present
- Teaching Practical Pharmacology for Pharmacy students, Tabriz University of Medical Sciences, Feb 2000 - present
- Teaching Pharmacology for Anesthesiology students, Tabriz University of Medical Sciences, Sep 2001 - present
- Teaching Pharmacology for Family Health and Public Health students, Tabriz University of Medical Sciences, Sep 2001 - Sep 2008
- Teaching Pharmacology for Nutrition students, Tabriz University of Medical Sciences, Sep 2008 - Sep 2009
- Teaching Pharmacology for Pharmacy, Medicine, Dentistry and Midwifery students, Tabriz University of Medical Sciences, Sep 2006 - present
- Teaching Clinical Pharmacology for Pharmacy students, Tabriz University of Medical Sciences, Feb 2008 - present
- Teaching Drug Information (2) for Pharmacy students, Tabriz University of Medical Sciences, Sep 2006 -Jan 2007
- Teaching Pharmacology for Dentistry PhD students (Surgery), Tabriz University of Medical Sciences, Sep 2006 - Sep 2008
- Teaching Pharmacology for Dentistry PhD students (Endodontics, Periodontics, Pathology, Orthodontics, Pediatric Dentistry), Tabriz University of Medical Sciences, Sep 2006 - present
- Teaching Basic Pharmacology for Medicinal chemistry PhD students, Tabriz University of Medical Sciences, Sep 2006 - present
- Teaching Advanced Pharmacology for Medicinal chemistry PhD students, Tabriz University of Medical Sciences, Feb 2009 - present
- Teaching Research Methods in Pharmacology for Pharmacology PhD students, Tabriz University of Medical Sciences, May 2007 - present
- Teaching Advanced Cardiovascular Pharmacology for Pharmacology PhD students, Tabriz University of Medical Sciences, Sep 2007 - present
- Teaching Advanced Chemotherapy for Pharmacology PhD students, Tabriz University of Medical Sciences, Sep 2007 - present
- Teaching Advanced Endocrine Pharmacology for Pharmacology PhD students, Tabriz University of Medical Sciences, Sep 2008 - present
- Teaching Advanced Pharmacology for Toxicology PhD students, Tabriz University of Medical Sciences, Sep 2007 - present
- Teaching Advanced Practical Pharmacology for Toxicology PhD students, Tabriz University of Medical Sciences, Sep 2008 - present
- Teaching Pharmacology for Physiology Msc. students, Tabriz University of Medical Sciences, Sep 2008 - present
- Teaching Pharmacology for Pharmaceutical Biotechnology PhD students, Tabriz University of Medical Sciences, Sep 2010 - present

- Teaching Pharmacology for Neonatal Nursing Msc. students, Tabriz University of Medical Sciences, Feb 2011 - present
- Teaching Pharmacology for Medicinal chemistry MSc. Students, Tabriz University of Medical Sciences, Feb 2016 - present

Research Activities

- Supervision of 34 PharmD, PhD and MSc theses
- Advisor of 12 PharmD, and MSc theses
- Director of 21 research projects

Research Interests

- Cardiac ischemia/reperfusion injury
- Protective mechanisms of preconditioning and postconditioning in the heart
- Heart failure
- Effects of synthetic/ natural compounds on cardiac arrhythmias
- Effects of synthetic/ natural compounds on myocardial infarction
- Effects of synthetic/ natural compounds on Apoptosis
- Techniques and methods of medical education
- Student's evaluation techniques in pharmacy practice

Reviewer of:

- Pharmaceutical Sciences Journal
- Advanced Pharmaceutical Bulletin
- Iranian Journal of Pharmaceutical Research
- Iranian Journal of Basic Medical Sciences
- Research and Development in Medical Education
- Journal of Babol University of Medical Sciences
- Journal of Mazandaran University of Medical Sciences
- Anatomical Sciences Education

Member of Editorial Board of:

- Research and Development in Medical Education

Awards and Scientific Honors

- Selected as an Outstanding Professor, Faculty of Pharmacy, Tabriz University of Medical Sciences (May 2014)
- Winner of prize in 7th Shahid Motahari education festival, Tabriz University of Medical

Sciences (May 2014)

- Winner of prize in 6th Shahid Motahari education festival, Tabriz University of Medical Sciences (May 2013)
- Winner of prize in 5th Shahid Motahari education festival, Tabriz University of Medical Sciences (May 2012)
- Prize for the best scientific presentation entitled: Objective structured field examination (OSFE) for pharmacy training course assessment, 12th National Congress of Medical Education, Mashhad University of Medical Sciences, Mashhad, Iran, (May 2, 2011)
- Winner of national prize in 4th Shahid Motahari education festival, Ministry of Health, Treatment and Medical Education (May 2011)
- Winner of prize in 3rd Shahid Motahari education festival, Tabriz University of Medical Sciences (May 2010)
- Winner of prize in 2nd Shahid Motahari education festival, Tabriz University of Medical Sciences (May 2009)
- Selected as the top researcher between PhD students at Tabriz University of Medical Sciences (Nov 2005)
- The second rank in PhD entrance exam for Pharmacology in Iran, 2000.
- Formulation of sustained release tablets of Diclofenac Sodium (for the first time in Iran), Department of Pharmaceutics, Faculty of Pharmacy, Tabriz University of Medical Sciences, 1992-1994.
- Prize for the best scientific presentation entitled: Pharmacokinetic basis of drug therapy in infants and children, 1st Scientific Seminar of the students of medical sciences, Tabriz University of Medical Sciences, Tabriz, (Nov 1990)

Book Chapter

- **Moslem Najafi**, Tahereh Eteraf-Oskouei, Metabolic modulators to treat cardiac arrhythmias induced by ischemia and reperfusion, In: Tachycardia, Editor: Takumi Yamada, ISBN: 978-953-51-0413-1. PP: 123-158, March 2012, Published by InTech, Rijeka, Croatia.

Publications

1. Haleh Vaez, Maryam Rameshrad, **Moslem Najafi**, Jaleh Barar, Abolfazl Barzegari and Alireza Garjani, **(2016)**, Cardioprotective effect of metformin in lipopolysaccharide-induced sepsis via suppression of toll-like receptor 4 (TLR4) in heart, European Journal of Pharmacology, 772,115-123.
2. Reza Badalzadeh, Mustafa Mohammadi, Bahman Yousefi, Safar Farajnia, **Moslem Najafi**, Shima Mohammadi, **(2015)**, Involvement of Glycogen Synthase Kinase-3 β and Oxidation Status in the Loss of Cardioprotection by Postconditioning in Chronic Diabetic Male Rats, Advanced Pharmaceutical Bulletin, 5(3), 321-327.
3. Tahereh Eteraf-Oskouei, Saeideh Allahyari, Arezu Akbarzadeh-Atashkhosrow, Abbas

Delazar, Mahdijeh Pashaii, Siew Hua Gan, **Moslem Najafi, (2015)**, Methanolic Extract of *Ficus carica* Linn. Leaves Exert Anti-Angiogenesis Effects Based on the Rat Air Pouch Model of Inflammation, Evidence-Based Complementary and Alternative Medicine (eCAM), Online published.

4. Sakineh Mohammad-Alizadeh-Charandabi, Mojgan Mirghafourvand, Ameneh Mansouri, **Moslem Najafi**, Farzane Khodabande, **(2015)**, The Effect of Vitamin D and Calcium plus Vitamin D during Pregnancy on Pregnancy and Birth Outcomes: a Randomized Controlled Trial, Journal of Caring Sciences, 4(1), 35-44.
5. Morteza Ghojzadeh, Soleiman Ahmadi, Mohammad Ali Hosseini, Shahram Shahabi, Taraneh Tahamtani, Farshid Nourbakhsh, Hassan Niknejhad, Shahram Seyyedi, Negar Azarpira, Jamshid Hajati, Manouchehr Khoshbaten, **Moslem Najafi**, Behzad Baradaran, Saber Azami-Aghdash (2014), Assessment of scientific thinking in basic science questions in the Iranian Fourth National Olympiad for medical sciences students, J Anal Res Clin Med, 2(3), 142-51.
6. Bohlul Habibi-Asl, Haleh Vaez, **Moslem Najafi**, Ali Bidaghi, Saeed Ghanbarzadeh **(2014)**, Attenuation of morphine-induced dependence and tolerance by ceftriaxone and amitriptyline in mice, Acta Anaesthesiologica Taiwanica, 52:163-168.
7. Saeideh Allahyari, Abbas Delazar, **Moslem Najafi, (2014)**, Evaluation of General Toxicity, Anti-Oxidant Activity and Effects of Ficus Carica Leaves Extract on Ischemia/Reperfusion Injuries in Isolated Heart of Rat, Advanced Pharmaceutical Bulletin, 4(Suppl 2), 577-582.
8. **Moslem Najafi**, Safar Farajnia, Mustafa Mohammadi, Reza Badalzadeh, Naser Ahmadi Asl, Behzad Baradaran and Mohammad Amani, **(2014)**, Inhibition of mitochondrial permeability transition pore restores the cardioprotection by postconditioning in diabetic hearts, Journal of Diabetes & Metabolic Disorders, 13:106, 1-10
9. T. Eteraf-Oskouei, **M. Najafi**, A. Gharehbagheri, **(2014)**, Natural Honey: A New and Potent Anti-Angiogenic Agent in the Air-Pouch Model of Inflammation, Arzneimittelforschung/Drug Research, 64: 530-536.
10. Mahsa Haghighat Azari, **Moslem Najafi, (2014)**, Role of fructose as a potent antiarrhythmic and anti-infarct agent in isolated rat heart, Iranian Journal of Pharmaceutical Research, 13 (4): 1303-1311.
11. **Moslem Najafi**, Alireza Garjani **(2014)**, Short term administration of L-carnitine can be detrimental to the ischemic heart, Advanced Pharmaceutical Bulletin, 4(1), 1-3.
12. Farnaz Monajjemzadeh, Javad Shokri, Ali Reza Mohajel Nayebi, Mahboob Nemati, Yadollah Azarmi, Mohammad Charkhpour, **Moslem Najafi (2014)**, Standardization of Course Plan and Design of Objective Structured Field Examination (OSFE) for the Assessment of Pharm.D. Student's Community Pharmacy Clerkship Skills, Advanced Pharmaceutical Bulletin, 4(2), 139-145.
13. Tahereh Eteraf-Oskouei, **Moslem Najafi, (2013)**, Traditional and modern uses of natural honey in human diseases: A review, Iranian Journal of Basic Medical Sciences, 16(6): 731-742.
14. Tahereh Eteraf-Oskouei, Elnaz Shaseb, Saba Ghaffary and **Moslem Najafi, (2013)**, Prolonged preconditioning with natural honey against myocardial infarction injuries,

Pakistan Journal of Pharmaceutical Sciences, Vol. 26, No.4, July 2013, 681-686.

15. **Moslem Najafi, (2013)**, Effects of postconditioning, preconditioning and perfusion of L-carnitine during whole period of ischemia/ reperfusion on cardiac hemodynamic functions and myocardial infarction size in isolated rat heart, Iranian Journal of Basic Medical Sciences, 16 (4): 640-647.
16. Tahereh Eteraf-Oskouei, **Moslem Najafi, (2013)**, The Effective Teaching Method of Pharmacology for the Students in the Faculty of Health and Nutrition in Tabriz University of Medical Sciences, Research and Development in Medical Education, 2013, 2(1), 7-11.
17. Afshin Gharekhani, **Moslem Najafi**, Hamed Ghavimi, **(2012)**, Acute Administration of Natural Honey Protects Isolated Heart in Normothermic Ischemia, Iranian Journal of Pharmaceutical Research, 11 (4): 1275-1284.
18. Sadollah Mohammadi, **Moslem Najafi**, Hossein Hamzeiy, Nasrin Maleki-Dizaji, Masoud Pezeshkian, Homayon Sadeghi-Bazargani, Masoud Darabi, Sara Mostafalou, Shahab Bohlooli, Alireza Garjani, **(2012)**, Protective Effects of Methylsulfonylmethane on Hemodynamics and Oxidative Stress in Monocrotaline-Induced Pulmonary Hypertensive Rats, Advances in Pharmacological Sciences, 2012, 1-6, doi:10.1155/2012/507278.
19. Sadollah Mohammadi, Alireza Garjani, **Moslem Najafi**, Hossein Hamzeiy, Nasrin Maleki-Dizaji, Yadollah Omid, Shabnam Fayezi, Masoud Darabi, Sara Mostafalou, Kambiz Hassanzadeh, Sajjad Khani, **(2012)**, Inhibitory Effects of Methylsulfonylmethane on Ventricular Hypertrophy Related Gene Expression, International Journal of Pharmacology, 2012, 1-5, doi:10.3923/ijp. 2012.
20. Haleh Vaez, Mehrban Samadzadeh, Fahimeh Zahednezhad, **Moslem Najafi, (2012)**, Resistance to reperfusion injury following short term postischemic administration of natural honey in globally ischemic isolated rat heart, Advanced Pharmaceutical Bulletin, 2(2), 189-196.
21. **Moslem Najafi**, Fahimeh Zahednezhad, Mehrban Samadzadeh, Haleh Vaez, **(2012)**, Zero Flow Global Ischemia-Induced Injuries in Rat Heart Are Attenuated by Natural Honey, Advanced Pharmaceutical Bulletin, 2(2), 165-171.
22. **Najafi M**, Ghaffary Eyrdmoussa S, **(2012)**, Effects of Acute Administration of Acetyl-L-carnitine on Hemodynamic Functions in Ischemic-Reperfused Isolated Heart, International Journal of Pharmacology and Toxicology Science, 2(2), 1-11.
23. Tahereh Eteraf Oskouei, **Moslem Najafi**, Darioush Savadi Oskouei, Hamideh Herizchi ghadim, Zhaleh Rouhani, Neda Vahedi, **(2012)**, The Attitude of Medical Students of Tabriz University of Medical Sciences towards the Necessity of Clinical Pharmacology, Future of Medical Education Journal, 2(1), 32-35.
24. Reza Badalzadeh, Mustafa Mohammadi, **Moslem Najafi**, Naser Ahmadiasl, Safar Farajnia, Hadi Ebrahimi, **(2012)**, The additive effects of ischemic postconditioning and cyclosporine-A on nitric oxide activity and functions of the diabetic myocardium injured by ischemia/reperfusion, Journal of Cardiovascular Pharmacology and Therapeutics, 17 (2), 181-189.
25. **Moslem Najafi**, Tahereh Eteraf Oskouei, **(2011)**, Pharmacy Students' Attitude in Tabriz University of Medical Sciences toward Using Computerized Simulations in Teaching Pharmacology, Iranian Journal of Medical Education, 11(4), 308-317.

26. **Moslem Najafi**, Afshin Gharakhani, Hamed Ghavimi, Tahereh Eteraf Oskouei, **(2011)**, Protective role of pharmacologic postconditioning with natural honey on myocardial infarction size, *Journal of Babol University of Medical Sciences*, 13(2), 12-18.
27. **Moslem Najafi**, Afshin Gharakhani, Tahereh Eteraf Oskouei, **(2011)**, Protective Effect of Pharmacologic Postconditioning with Natural Honey Against Left Ventricular Ischemia/Reperfusion-Induced Arrhythmias in Isolated Heart of Rat, *The Journal of Physiology and Pharmacology*, 14(4), 406-415.
28. **Moslem Najafi**, Saba Ghaffary, Elnaz Shaseb, Tahereh Eteraf Oskouei, **(2011)**, Comparison Between the Effects of L-carnitine and Acetyl-L-carnitine on Myocardial Infarction Size in Ischemic Heart, *The Journal of Physiology and Pharmacology*, 14(4), 380-388.
29. **Najafi M**, Vaez H, Zahednezhad F, Samadzadeh M, Babaei H, **(2011)**, Study of the effects of hydroalcoholic extract of grape seed on infarct size and cardiac arrhythmias in ischemic-reperfused isolated rat heart, *Pharmaceutical Sciences Journal*, Vol.16, No.4, 187- 194.
30. **Moslem Najafi**, Elnaz Shaseb, Saba Ghaffary, Ashraf Fakhrju, Tahereh Eteraf Oskouei, **(2011)**, Effects of chronic oral administration of natural honey on ischemia/reperfusion-induced arrhythmias in isolated rat heart, *Iranian Journal of Basic Medical Sciences*, Vol. 14, No.1, 75-81.
31. **Moslem Najafi**, Saba Ghaffary, Elnaz Shaseb, Effects of Acetyl-L-Carnitine on Cardiac Arrhythmias and Infarct Size in Ischemic-Reperfused Isolated Rat Heart **(2010)**, *Iranian Journal of Basic Medical Sciences*, Vol. 13, No.1, 216-222.
32. **Moslem Najafi**, Ali Javidnia, Amir Ghorbani-Haghjo, Sadollah Mohammadi, Alireza Garjani, **(2010)**, Pharmacological Preconditioning with L-carnitine: Relevance to Myocardial Hemodynamic Function and Glycogen and Lactate Content, *Pakistan Journal of Pharmaceutical Sciences*, Vol. 23, No.3, 250-255.
33. Eteraf Oskouei T, Maleki- Dizaji N, **Najafi M**, **(2009)**, The Comparative Effects of Granisetron on Angiogenesis in Male and Female rats, *Pharmaceutical Sciences*, Vol.15, No. 3, 227- 234.
34. Garjani A, Afroozian A, Nazemiyeh H, **Najafi M**, Kharazmkia A, Maleki-Dizaji N, **(2009)**, Protective effects of hydroalcoholic extract from rhizomes of *Cynodon dactylon* (L.) Pers. on compensated right heart failure in rats, *BMC Complementary and Alternative Medicine*, 9: 28 (Online published in 5 August 2009).
35. Tahereh Eteraf Oskouei, Nasrin Maleki-dizaji, **Moslem Najafi**, **(2009)**, The Impact of Gender on the Inflammatory Parameters and Angiogenesis in the Rat Air Pouch Model of Inflammation, *Iranian Journal of Basic Medical Sciences*, Vol. 12 No. 2, 80-85.
36. Tahereh Eteraf Oskouei, Nasrin Maleki-dizaji, **Moslem Najafi**, **(2009)**, The Impact of Gender on the Inflammatory Parameters and Angiogenesis in the Rat Air Pouch Model of Inflammation, *Iranian Journal of Basic Medical Sciences*, Vol. 12 No. 2, 80-85.
37. **M. Najafi**, E. Ghasemian, F. Fathiazad, A. Garjani, **(2009)**, Effects of Total Extract of *Dracocephalum moldavica* on Ischemia/Reperfusion Induced Arrhythmias and Infarct Size in Isolated Rat Heart, *Iranian Journal of Basic Medical Sciences*, Vol. 11, No. 4, 229-235.

38. **Najafi M.**, Nazemiyeh H., Gharakhani A., Ghavimi H., Garjani A., **(2009)**, Effects of hydroalcoholic extract of *Cynodon dactylon* (L.) pers. rhizome on infarct size in ischemic isolated heart, *Pharmaceutical Sciences Journal*, Vol.14, No.4, 267- 273.
39. **Najafi M.**, Nazemiyeh H., Ghavimi H., Gharakhani A., Garjani A., **(2008)**, Effects of hydroalcoholic extract of *Cynodon dactylon* (L.) pers. on ischemia/reperfusion-induced arrhythmias, *DARU*, Vol. 16, No. 4, 233-238.
40. **M. Najafi**, A. Garjani, N. Maleki and T. Eteraf Oskouei, **(2008)**, Antiarrhythmic and Arrhythmogenic Effects of L-Carnitine in Ischemia and Reperfusion, *Bulletin of Experimental Biology and Medicine*, Vol. 146, No. 2, 210- 213.
41. **M. Najafi**, A. Garjani, N. Maleki and T. Eteraf Oskouei, **(2008)**, Antiarrhythmic and Arrhythmogenic Effects of L-Carnitine in Ischemia and Reperfusion, *Bulletin of Experimental Biology and Medicine*, Vol. 146, No. 2, 210- 213.
42. Eteraf Oskouei T., Maleki Dizaji N., Maljaei SH., Garebageri A., **Najafi M.**, **(2008)**, Study of the effects of Granisetron on the inflammation Parameters in the Air Pouch Model of Inflammation in rats, *Pharmaceutical Sciences Journal*, Summer (2), 1-6.
43. **Najafi M.**, Eteraf Oskouei T., Garjani A., **(2008)**, Comparison Between the Effects of Etomoxir and Ranolazine on Infarct Size in the Ischemic Rat Heart, *Journal of Ardabil University of Medical sciences*, Vol. 8, No. 1, Spring, 89-94.
44. **Najafi M.**, Mahdizadeh-Aghdam E., Rafie F., Eteraf Oskouei T., **(2008)**, Effects of pharmacologic preconditioning by natural honey on arrhythmias and infarct size in isolated heart, *Pharmaceutical Sciences Journal*, Winter (4), 1-11.
45. **Moslem Najafi**, Alireza Garjani, Yousef Dustar, **(2007)**, Effects of L-carnitine on cardiac apoptosis in the ischemic-reperfused isolated rat heart, *Iranian Journal of Pharmaceutical sciences (IJPS)*, 3(1), 19-24.
46. **Moslem Najafi** and Tahereh Eteraf Oskouei, **(2007)**, Comparison between the effect of Etomoxir and Ranolazine on ischemia-reperfusion induced cardiac arrhythmias in isolated rat heart, *Journal of Babol University of Medical Sciences*, 9(5), 7-13.
47. **Moslem Najafi**, Afshin Gharakhani, Hamed Ghavemi, Tahereh Eteraf Oskouei, **(2007)**, Protective effects of natural honey application during ischemia and reperfusion on infarct size in ischemic heart, *The Journal of Physiology and Pharmacology*, 11(3), 238-243.
48. **M. Najafi**, A. Garjani and T. Eteraf Oskouei, **(2007)**, Comparison between the effects of ischemic preconditioning and pharmacologic preconditioning by L-Carnitine on infarct zone size in the ischemic-reperfused isolated rat heart, *Iranian Journal of Basic Medical Sciences*, 10(1), 54-59.
49. **Najafi M.**, Garjani A., Eteraf Oskouei T., **(2007)**, Study of ischemic and pharmacologic postconditioning effects of L- carnitine on infarct size in the ischemic reperfused isolated heart, *Pharmaceutical Sciences Journal*, Spring (1), 23-28.
50. **M. Najafi** and T. Eteraf Oskouei, **(2007)**, Prediction and comparison of pharmacologic and suprapharmacologic doses of digoxin on normal and pithed rat hearts by using a computerized software, *Journal of Babol University of Medical Sciences*, 8(7), 12-18.
51. **Najafi M.** and Garjani A., **(2005)**, The effect of L-carnitine on arrhythmias in the ischemic rat heart, *Iranian Journal of Basic Medical Sciences*, 8(1), 38-44.

52. **Najafi, M.** and Garjani A., **(2005)**, Study the effect of L-carnitine on infarct size in the ischemic-reperfused isolated rat hearts, *Pharmaceutical Sciences Journal*, Spring (1), 47-52.
53. **Najafi M.**, Garjani A. and Doustar Y., **(2005)**, Cardioprotective effects of L-carnitine on myocardial ischemia and reperfusion injury in isolated rat hearts, *International Society for Heart Research (ISHR)*, By Medimond S.r.l., 25th European section meeting proceeding book, Vol. 88, 63-67.
54. Garjani A., **Najafi M.** and Maleki N., **(2005)**, The effects of L-carnitine on ischemic and reperfusion arrhythmias in isolated rat hearts, *International Society for Heart Research (ISHR)*, By Medimond S.r.l., 25th European section meeting proceeding book, Vol. 88, 33-37.
55. Garjani A., **Najafi M.**, Bayat I. and Moolavi O., **(2004)**, Prescription pattern of drugs acting on the Central Nervous System in Tabriz in 1999, *Journal of Medical Council of Islamic Republic of Iran*, 22 (3), 197-202.
56. Nokhodchi A, Dj. Farid, **M. Najafi** and M. Adrangui, **(1997)**, Studies on controlled-release formulations of Diclofenac Sodium, *Drug Development and Industrial Pharmacy*, 23(11), 1019-1023.

Conference Presentations

1. Elham Noroozi, Reza Badalzadeh, **Moslem Najafi**, Effects of Troxerutin on the myocardial ischemia/reperfusion induced arrhythmias in diabetic rats, 5th National Congress on Medicinal Plants, Isfahan, Iran, 18-19 May, **2016**.
2. **Moslem Najafi**, Mohammadreza Lotfalinezhad, Yadollah Azarmi, Study on the effects of natural honey in isolated rat aorta, *Imamia Medics International 8th International Conference*, 28th Jul-10th Aug, 2015, Mashhad, Iran.
3. Tahereh Eteraf Oskouei, Hamed Ghasemoghli, **Moslem Najafi**, The effect of L-carnitine on the inflammatory parameters in the rat air pouch model of inflammation, *Imamia Medics International 8th International Conference*, 28th Jul-10th Aug, 2015, Mashhad, Iran.
4. Maghsoudi M, Eteraf-Oskouei T, **Najafi M**, Acute anti-inflammatory effects of Salbutamol in the rat air-pouch model of inflammation, *The 12th International Congress of Immunology and Allergy of Iran*, 2014, Tehran, Iran, 29th Apr-2nd May, **2014**.
5. Ghadrdan E, Eteraf-Oskouei T, Akbarzadeh-Atashkhosrow A, Mikaily-Mirak S, **Najafi M**, The inhibitory effects of Oxytocin on the angiogenesis and vascular endothelial growth factor (VEGF) in the air-pouch model of inflammation in rat, *The 12th International Congress of Immunology and Allergy of Iran*, 2014, Tehran, Iran, 29th Apr-2nd May, **2014**.
6. Mikaily Mirak S, Eteraf Oskouei T, Akbarzadeh Atashkhosrow A, Ghadrdan E, **Najafi M**, Inhibitory effects of Verapamil on the angiogenesis and vascular endothelial growth factor (VEGF) in the rat air pouch model of inflammation, *The 12th International Congress of Immunology and Allergy of Iran*, 2014, Tehran, Iran, 29th Apr-2nd May,

2014.

7. Akbarzadeh Atashkhosrow A, Eteraf Oskouei T, Mikaily Mirak S, Ghadrddan E, **Najafi M**, The effect of Salbutamol on the vascular endothelial growth factor (VEGF) and angiogenesis in the rat air pouch model of inflammation, The 12th International Congress of Immunology and Allergy of Iran, 2014, Tehran, Iran, 29th Apr-2nd May, **2014**.
8. **Moslem Najafi**, Saeede Allahyari, Abbas Delazar, Inhibitory effects of *Ficus Carica* Linn. leaves extract against ischemia/reperfusion-induced myocardial infarction in isolated heart, 3rd National Congress on Medicinal Plants, Mashhad, Iran, 14-15 May, **2014**.
9. Neda Firoozi -Mejandeh, Dr. Tahereh Eteraf-Oskouei, **Dr. Moslem Najafi**, Can L-Carnitine Modulate Experimentally-Induced Inflammation? 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
10. Arash Afroozian, Alireza Garjani, Hossein Nazemiyeh, **Moslem Najafi**, Nasrin Maleki-Dizaji, The effect of hydroalcoholic extract of *Cynodon dactylon*(L.) pers. rhizomes on cardiac contractility and hemodynamic factors in rats with right heart failure, 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
11. Dr. Tahereh Eteraf-Oskouei, Saeede Allahyari, Arezu Akbarzadeh-Atashkhosrow, Mahdiyeh Pashaii, **Dr. Moslem Najafi**, Dr. Abbas Delazar, Inhibitory effects of *Ficus Carica* Linn. leaves extract on PGE₂ production and inflammatory parameters in the rat air pouch model of inflammation, 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
12. Dr. Tahereh Eteraf-Oskouei, **Dr. Moslem Najafi**, Anti-angiogenic Effect of Honey in the Rat Air Pouch Model of Inflammation, 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
13. Sevda Mikaily-Mirak, Dr. Tahereh Eteraf-Oskouei, Arezu Akbarzadeh-Atashkhosrow, Elliye Ghadrddan, **Dr. Moslem Najafi**, Anti- Inflammatory Effect of Verapamil in the Rat Air Pouch Model of Inflammation, 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
14. Elliye Ghadrddan, Dr. Tahereh Eteraf-Oskouei, Arezu Akbarzadeh-Atashkhosrow, Sevda Mikaily-Mirak, **Dr. Moslem Najafi**, The Effect of Oxytocin on the Inflammatory Parameters in the Rat Air Pouch Model of Inflammation, 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
15. Arezu Akbarzadeh-Atashkhosrow, Dr. Tahereh Eteraf-Oskouei, Sevda Mikaily-Mirak, Elliye Ghadrddan, **Dr. Moslem Najafi**, The Effect of Salbutamol on the Inflammatory Parameters in the Rat Air Pouch Model of Inflammation, 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
16. Mahsa Haghighat Azari, **Moslem Najafi**, Study the Effects of Hyperfructosemia on Ischemia/Reperfusion-Induced Infarct Size in Isolated Rat Heart, 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
17. **Moslem Najafi**, Mahsa Haghighat Azari, Effects of Fructose against Reperfusion-Induced Arrhythmias in Isolated Rat Heart, 21st Iranian Congress of Physiology and Pharmacology, Tabriz, Iran, 23-27 Aug, **2013**.
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Professional Memberships

- Medical Council of Islamic Republic of Iran, 1995-present
- Iranian Pharmacists Association, 1994-present
- Iranian Society of Physiology and Pharmacology, 2008-present
- Iranian Association of Pharmaceutical Scientists, 2008-present

Membership in Academic Committees/Councils

- Community Medical Education Council, Zanjan University of Medical Sciences, 1995-1998
- Member of Planning Committee for "Iran Until 2020 ", 1997-1998
- Member of Umbrella Project for Health Care and secretary of some the project subcommittees, Zanjan University of Medical Sciences, 1997-1998
- Member of scientific committee for Rational Prescribing and superintend physicians prescriptions, Treatment and Drug Vice-Chancellor, Zanjan University of Medical Sciences, 1998-1999
- Member of Strategic Planning Team, Faculty of Pharmacy, Tabriz University of Medical Sciences, 2003-2005
- Member of Tabriz Medical Sciences University Council, 2006-present
- Member of Planning Committee for Education Development, Aras branch of Tabriz Medical Sciences University, 2009 - present
- Member of "Research in Education" team, Tabriz University of Medical Sciences, 2009-present
- Member of Scientific Committee in 2nd Shahid Motahari education festival, Tabriz University of Medical Sciences, 2009
- Member of Ethics in Medical Research Regional Committee, Tabriz University of Medical Sciences, 2009-present
- Member of Scientific Committee in 3rd Shahid Motahari education festival, Tabriz University of Medical Sciences, 2010
- Member of Tabriz Medical Sciences University Burse Council, 2010-2012
- Member of Education Development Committee, Faculty of Pharmacy, Tabriz University of Medical Sciences, 2010-present
- Member of External Evaluation Team, Tabriz University of Medical Sciences, 2010
- Member of Cultural Committee, Faculty of Pharmacy, Tabriz University of Medical Sciences, 2010-present
- Member of Scientific Committee in 4th Shahid Motahari education festival, Tabriz University of Medical Sciences, 2011

- Member of Research Council, Medical Education Research Center, Tabriz University of Medical Sciences, 2011-present
- Member of Scientific Committee for Scholarship of Teaching, Tabriz University of Medical Sciences, 2011-present
- Member of Scientific Committee in 5th Shahid Motahari education festival, Tabriz University of Medical Sciences, 2012
- Member of Scientific Committee in 4th Scientific Olympiad of Iranian Medical Sciences Students, Tabriz University of Medical Sciences, 2012
- Member of Scientific Committee in 6th Shahid Motahari education festival, Tabriz University of Medical Sciences, Nov 2012-May 2013
- Member of Scientific Committee in 21st Physiology and Pharmacology congress, Tabriz University of Medical Sciences, Jan 2013-Aug 2013

Administrative responsibilities

- Head of drug affairs department, Zanjan Health Center, Zanjan University of Medical Sciences, 1994-1995
- Deputy of the Dean of Zanjan Health Center, Zanjan University of Medical Sciences, 1994-1995
- Treatment and Drug Vice-Chancellor, Zanjan University of Medical Sciences, 1995-1996
- Head of treatment service and emergency coordinating office, Zanjan University of Medical Sciences, 1995
- Member of Zanjan University of Medical Sciences Heading Board, 1995-1998
- Member of Community Medical Education Council, Zanjan University of Medical Sciences, 1995-1998
- Health Vice-Chancellor and Head of Zanjan province's Health Center, Zanjan University of Medical Sciences, 1996-1998
- Secretary of Zanjan Provincial Health Council, 1996-1998
- Deputy of the Chancellor, Zanjan University of Medical Sciences, 1998-1999
- Head of pharmacology teaching laboratory, Department of Pharmacology, Faculty of Pharmacy, Tabriz University of Medical Sciences, 2006-2011
- Food and Drug Vice-Chancellor, Tabriz University of Medical Sciences, Apr 14, 2014 – present.