

Dr. Moslem Najafi, PharmD, PhD



Title: Professor of Pharmacology

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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, Zanjan University of Medical Sciences, Zanjan, Iran.

Teaching Experiences

- Teaching Pharmacology for Nursing, Midwifery, Para-Medicine and Family Health students, Zanjan 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 37 Pharm D, PhD and MSc theses
- Advisor of 14 Pharm D, 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:

- Journal of Research in Medical Sciences
- 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
- SOJ Pharmacy & Pharmaceutical Sciences (USA)

Awards and Scientific Honors

- Selected as the top pharmacist of East Azerbaijan province (Sep 2017)
- 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. Jila Haghi, Tahereh Eteraf-Oskouei, **Moslem Najafi, (2018)**, Effects of Postconditioning with Fructose on Arrhythmias and the Size of Infarct Caused by Global Ischemia and Reperfusion in Isolated Rat Heart, *Advanced Pharmaceutical Bulletin*, 8(1), 57-62.

2. Tahereh Eteraf-Oskouei, Sevda Mikaily Mirak, **Moslem Najafi, (2017)**, Anti-Inflammatory and Anti-Angiogenesis Effects of Verapamil on Rat Air Pouch Inflammation Model, *Advanced Pharmaceutical Bulletin*, 7(4), 585-591
3. Tahereh Eteraf-Oskouei, Hamed Ghasemoghli, **Moslem Najafi, (2017)**, Effects of L-carnitine on Inflammatory Parameters and Angiogenesis in the Rat Air Pouch Model of Inflammation, *Journal of Isfahan Medical School*, 35 (437), 807-813.
4. Tahereh Eteraf-Oskouei, Arezu Akbarzadeh-Atashkhosrow, Milad Maghsudi, **Moslem Najafi, (2017)**, Effects of salbutamol on the inflammatory parameters and angiogenesis in the rat air pouch model of inflammation, *Research in Pharmaceutical Sciences*, 12 (5), 364-372.
5. Ameneh Mansouri, Mojgan Mirghafourvand, Sakineh Mohammad Alizadeh Charandabi, **Moslem Najafi, (2017)**, The effect of Vitamin D and calcium plus Vitamin D on leg cramps in pregnant women: A randomized controlled trial, *Journal of Research in Medical Sciences*, 22:24.
6. Haleh Vaez, **Moslem Najafi**, Negisa Seyed Toutouchi, Jaleh Barar, Abolfazl Barzegari, and Alireza Garjani, **(2016)**, Metformin Alleviates Lipopolysaccharide-induced Acute Lung Injury through Suppressing Toll-like Receptor 4 Signaling, *Iranian Journal of Allergy, Asthma and Immunology*, 15(6):498-507.
7. Haleh Vaez, **Moslem Najafi**, Maryam Rameshrad, Negisa Seyed Toutouchi, Mehraveh Garjani, Jaleh Barar, Alireza Garjani, **(2016)**, AMPK activation by metformin suppresses local innate immune responses in the isolated rat heart by inhibition of Toll Like Receptor 4 activity. *International Immunopharmacology*, 40: 501-507.
8. Elliyeh Ghadrnan, **Moslem Najafi**, Sevda Mikaily Mirak, Tahereh Eteraf-Oskouei, **(2016)**, Inhibitory effects of oxytocin on the Inflammatory Parameters and Vascular Endothelial Growth Factor (VEGF) in the Air-Pouch Model of Inflammation in Rat, *Physiology and Pharmacology*, 20(2016), 48-56.
9. 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.
10. 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.
11. Tahereh Eteraf-Oskouei, Saeideh Allahyari, Arezu Akbarzadeh-Atashkhosrow, Abbas Delazar, Mahdiyeh 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.
12. Sakineh Mohammad-Alizadeh-Charandabi, Mojgan Mirghafourvand, Ameneh Mansouri, **Moslem Najafi**, Farzaneh 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.

13. Morteza Ghojazadeh, 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.
14. 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.
15. 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.
16. **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
17. 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.
18. Mahsa Haghghat 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.
19. **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.
20. 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.
21. 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.
22. 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.
23. **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.
24. 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.

25. 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.
26. 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.
27. 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.
28. 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.
29. **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.
30. **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.
31. 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.
32. 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.
33. **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.
34. **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.
35. **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.

36. **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.
37. **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.
38. **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.
39. **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.
40. **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.
41. 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.
42. 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).
43. 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.
44. 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.
45. **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.
46. **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.
47. **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.

48. **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.
49. **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.
50. 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.
51. **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.
52. **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.
53. **Moslem Najafi**, Alireza Garjani, Yousef Dostar, **(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.
54. **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.
55. **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.
56. **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.
57. **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.
58. **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.
59. **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.
60. **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.
61. **Najafi M.**, Garjani A. and Dostar 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.

62. 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.
63. 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.
64. 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. Tahereh Eteraf-Oskouei, Atefeh Zabihollahi, **Moslem Najafi**, Bohlol Habibi-Asl, Anti-Angiogenesis Effect of Naloxone in the Rat Air Pouch Model of Inflammation, 23 rd Iranian Congress of Physiology and Pharmacology, Chabahar, Iran, 15-18 Feb, **2018**.
2. **Moslem Najafi**, Mostafa Imaz, Evaluation of pharmacy professional ethics in drugstores and its improvement strategies from the viewpoint of students and faculty members of Tabriz school of pharmacy, 23 rd Iranian Congress of Physiology and Pharmacology, Chabahar, Iran, 15-18 Feb, **2018**.
3. **Moslem Najafi**, Jila Haghi. Effects of postconditioning with fructose against global ischemia/reperfusion-induced arrhythmias and infarct size in isolated heart, First International Congress of " Nutrition: from Laboratory Research to Clinical Studies" (NLRCS), Mashhad, Iran, 6-8 September, **2017**.
4. 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**.
5. **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.
6. 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.
7. Maghsoudi M, Eteraf-Oskoui 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**.
8. 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**.
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106. **Najafi M.** and Garjani A., The effect of Carnitine as a natural agent on infarct size in the ischemic-reperfused hearts, The First Seminar of Medicinal Chemistry and Natural Substance, Shiraz, Iran, May 11-12, **2005**.
107. **Najafi M.** and Garjani A., A modified method for precise determination of infarct size in the ischemic hearts, 9th Iranian Seminar of Pharmaceutical Sciences (ISPS), Tabriz, Iran, 23-26 Aug **2004**.
108. Alireza Garjani, Tahereh Eterafoskouei, **Moslem Najafi** and Mortaza Shoja, Bioequivalence study on two preparations of carbamazepine tablet (200 mg) in healthy volunteers, 9th Iranian Seminar of Pharmaceutical Sciences (ISPS), Tabriz, Iran, 23-26 Aug **2004**.
109. **Najafi M.** and Garjani A., Preliminary study of L-carnitine effects on infarct size in the ischemic hearts, 9th Iranian Seminar of Pharmaceutical Sciences (ISPS), Tabriz, Iran, 23-26 Aug **2004**.
110. **Najafi M.**, Garjani A., Bayat I. and Moolavi O., Prescription pattern of drugs acting on the Central Nervous System in Tabriz in 1999, 8th Iranian Seminar of Pharmaceutical Sciences (ISPS), Shiraz, Iran, Aug 27-29, **2002**.
111. Ansari Maleki D., Garjani A., **Najafi M.** and Hemmati S., Effects of Dimethyl Sulfoxide (DMSO) and Dimethyl Formamide (DMF) on isolated rat heart, 8th Iranian Seminar of Pharmaceutical Sciences (ISPS), Shiraz, Iran, Aug 27-29, **2002**.
112. Garjani A., **Najafi M.**, Ansari Maleki D. and Hemmati S., Effects of precursors of two new Milrinone analogues on isolated rat heart, 15th Iranian Congress of Physiology and Pharmacology, Shiraz, Iran, Nov 5-8, **2001**.
113. **Najafi M.** and Farid J., Effects of different percents of Hydroxy Propyl Methyl Cellulose and Ethyl Cellulose on releasing rate of Diclofenac Sodium from its matrices tablets, 1st Iranian congress of Methodology in Pharmaceutical Sciences, Mashhad, Iran, Aug 24-26, **2001**.
114. **Najafi M.**, Khosrowshahi M.B., Garjani A. and Jabbari A., Bioequivalence study of two preparations of Phenobarbital Sodium tablet (100 mg) in healthy volunteers, 7th Iranian Seminar of Pharmaceutical Sciences (ISPS), Mashhad, Iran, Aug 26-28, **2000**.
115. **Moslem Najafi**, Clinical applications of antineoplastic antibiotics, 3rd Scientific Seminar of the students of medical sciences, Tabriz University of Medical Sciences, Tabriz, Iran, Feb 20-22, **1993**.

116. **Moslem Najafi**, Effects of antacids on clinical pharmacokinetics of drugs, 2^{ed} Scientific seminar of the students of medical sciences, Tabriz University of Medical Sciences, Tabriz, Iran, Nov 3-5, **1991**.
117. **Moslem Najafi**, Pharmacokinetic basis of drug therapy in infants and children (was selected as the best scientific lecture and won the seminar prize), 1st Scientific seminar of the students of medical sciences, Tabriz University of Medical Sciences, Tabriz, Iran, Nov 27-29, **1990**.

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, 2014 – 2017.