

## Curriculum Vitae



**Name:** Alireza

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**Birth Date:** July 16 / 1973

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Google scholar link: <https://scholar.google.com/citations?user=fcUmXo8AAAAJ&hl=en>

### Academic Positions:

Date	Discipline	position	Institution
2002– 2005	Anatomy & Histology	Lecturer	Tabriz University of Medical Sciences Anatomical sciences Department
2010– 2015	Histology - Embryology & Cell Biology & Tissue Engineering	Assistant Professor	"
2015 – 2020	Histology - Embryology - Cell Biology & Tissue Engineering	Associate professor	Tabriz University of Medical Sciences Anatomical sciences Department & Tissue Engineering Department
2020 -	Histology - Embryology - Cell Biology & Tissue Engineering	Full Professor	"

### Teaching Experiences:

Date	Title	Institutions
1997 – 2000	<b>Anatomy</b> For Medical – Dentistry - Nursing – Midwifery – Radiology and Lab Students	Isfahan University of Medical Sciences
2000 – 2002	<b>Anatomy</b> For Nursing – Radiology – Lab Students	Army University of Medical Sciences
2002 – 2005	<b>Histology</b> For Medical – Dentistry - Pharmacy - Radiology and Lab students	Tabriz University of Medical Sciences
	<b>Anatomy</b> For: Medical and Dentistry students	
2005 – 2010	<b>Histology - Embryology</b> For: Medical students	Dokuz Eylul University
2010 -	<b>Histology - Embryology - Cell Biology &amp; tissue engineering</b> For : graduate students (M.Sc. & PhD) – specialized medical courses - Medical – Dentistry – Pharmacy - Midwifery – and paramedical Students	Tabriz University of Medical Sciences & Faculty Of Advanced Medical Sciences

### Honors/Achievements:

1- Second Rank of Basic Sciences Research. 9<sup>th</sup> Razi Festival of Medical Basic Sciences Research. IRAN – 2004.

2- Appreciation bred and official thank you note as education of students and Transformation and Innovation in Education of Medical Sciences. Donation from President of Medical University of Tabriz. 2018

3- Official thank you note as Effort and seriousness in teaching practical anatomy and using teaching aids in understanding the content. Donation from Head of Anatomical Sciences Medical University of Isfahan. 1998

4 - Official thank you note as Executive Committee of Seminar of Nursing concepts and theories. Donation from President of Medical University of Tabriz. 1997

**Supervision and Advisor of Thesis of M.Sc. and Ph.D. degrees:**

Supervision and Advisor of 26 Projects in M.Sc. degree Thesis and 13 Projects Ph.D. degree Thesis. Since 2010 -

**Abroad Research activity:**

Collaboration research project between Dr. Sabin Liona-Minguez (Division of Translational Medicine, Karolinska Institute) and Dr Alireza Hemmati (University of Tabriz) as: A novel multi - target drug approach, beyond the kinase demine and into the fatty acid.

**Membership and Responsibilities:**

- 1- Member of Associations: Member of Iranian of Anatomical Sciences. 2 - Academic Member of tissue engineering department of Tabriz Faculty of Advanced Medical Sciences.
- 3 - Member of Molecular Medicine Research Center, Tabriz University of Medical sciences, Iran. 2016
- 4- Member of University Research Council of International Branch (Aras) from 2014 June for two years
- 5 - Member of the Executive Committee of seminar of Nursing concepts and theories. 1997
- 6- Member of Scientific Committee of 18 congress of Iranian Society for Reproductive Medicine. 2012
- 7 - Member of the Executive Committee of 21 international Iranian congress of physiology and pharmacology 2013 August
- 8 - Member of the interviewing team for exam of Anatomical Sciences Ph.D. 2016
- 9 - Member of the interviewing team for exam of Applied Cell Sciences Ph.D. 2016
- 10 - Head of Research & Educational histology Lab of Anatomical sciences department. From 2013 Feb for two years.
- 11 - Head of Research & Educational histology Lab of Anatomical sciences department. From 2015 October for two years.
- 12- Head of Operating Room Department, Paramedical School, Army University of Medical Sciences. During military service from June 2001 to November 2002.
- 13- Vice Chancellor of education of General Medicine of Department of Anatomical Sciences. Apr 2016 for two years.

14 - Vice Chancellor of Research of Department of Anatomical Sciences. March 2019 for two years.

**Research Interest:**

Neurosciences - Reproductive Biology – Histopathology. Atherosclerosis Research – Toxicology - Histomorphology - Inflammation - Diabetes - Ageing and Neurodegenerative Disease research - Reproductive Biology - Cell & tissue engineering - Repair wound

**Skills:**

Immunohistochemistry techniques - Histochemistry techniques – Electron Microscopy techniques – Cell Culture techniques – Tissue engineering - Animal Models Research & Stereotaxic.

**Publications:**

1. Title: The anti-inflammatory effect of erythropoietin and melatonin on renal ischemia reperfusion injury in male rats,  
Author: Ahmadiasl, Nasser and Banaei, Shokofeh and Alihemmati, Alireza and Baradaran, Behzad and Azimian, Ehsan, Journal: Advanced pharmaceutical bulletin, volume:4, number:1, pages:49, year:2014, publisher: Tabriz University of Medical Sciences.
2. Title: Combination antioxidant effect of erythropoietin and melatonin on renal ischemia-reperfusion injury in rats,  
Author: Ahmadiasl, Nasser and Banaei, Shokofeh and Alihemmati, Alireza, journal: Iranian journal of basic medical sciences, volume: 16, number: 12, pages: 1209 year: 2013, publisher: Mashhad University of Medical Sciences.
3. Title: Effect of troxerutin on synaptic plasticity of hippocampal dentate gyrus neurons in a beta-amyloid model of Alzheimer' s disease: an electrophysiological study,  
Author: Babri, Shirin and Mohaddes, Gisou and Feizi, Iraj and Mohammadnia, Alireza and Niapour, Ali and Alihemmati, Alireza and Amani, Mohammad, journal: European Journal of Pharmacology, volume: 732, pages: 19--25, year: 2013 publishers: Elsevier.
4. Title: The effect of quince leaf (*Cydonia oblonga* Miller) decoction on testes in hypercholesterolemia rabbits: a pilot study,  
Author: Ashrafi, Hamideh and Ghabili, Kamyar and Alihemmati, Alireza and Jouyban, Abolghasem and Shoja, Mohammadali M and Aslanabadi, Saeid and Adl, Farzad Hami and Hajhosseini, L and others, journal: African Journal of Traditional, Complementary and Alternative Medicines, volume:10, number:2, pages:277--282, year:2013..

5. Title: Beneficial effect of troxerutin on diabetes-induced vascular damages in rat aorta: histopathological alterations and antioxidation mechanism,  
Author: Badalzadeh, Reza and Layeghzadeh, Nayeleh and Alihemmati, Alireza and Mohammadi, Mustafa, journal: International journal of endocrinology and metabolism, volume: 13, number: 2, year: 2015, publisher: Kowsar Medical Institute.
6. Title: Protective effects of troxerutin on  $\beta$ -amyloid (1-42)-induced impairments of spatial learning and memory in rats,  
Author: Babri, S and Amani, M and Mohaddes, G and Alihemmati, A and Ebrahimi, H, journal: Neurophysiology, volume:44, number:5, pages:387--393, year:2012, publisher: Springer US.
7. Title: Phosphorylation of GSK-3 beta and reduction of apoptosis as targets of troxerutin effect on reperfusion injury of diabetic myocardium,  
Author: Mokhtari, Behnaz and Badalzadeh, Reza and Alihemmati, Alireza and Mohammadi, Mustafa, journal: European journal of pharmacology, volume: 765, pages: 316--321, year: 2015, publisher: Elsevier.
8. Title: Effect of aggregated beta-amyloid (1-42) on synaptic plasticity of hippocampal dentate gyrus granule cells in vivo,  
Author: Babri, Shirin and Amani, Mohammad and Mohaddes, Gisou and Alihemmati, Alireza and Ebrahimi, Hadi, journal: BiolImpacts: BI, volume:2, number:4, pages:189, year:2012, publisher: Tabriz University of Medical Sciences.
9. Title: Effect of renal ischemia-reperfusion on lung injury and inflammatory responses in male rat,  
Author: Yousefi, Hadi and Ahmadiasl, Naser and Alihemmati, Alireza and Habibi, Parisa, journal: Iranian journal of basic medical sciences, volume:17, number:10, pages:802 year:2014, publisher: Mashhad University of Medical Sciences.
10. Title: Ghrelin decreases angiogenesis, HIF-1alpha and VEGF protein levels in chronic hypoxia in lung tissue of male rats,  
Author: Babil, Fariba Mirzaei and Alipour, Mohammad Reza and Keyhanmanesh, Rana and Alihemmati, Alireza and Ghiyasi, Rafiqeh and Mohaddes, Gisou, journal: Advanced pharmaceutical bulletin, volume:5, number:3 pages:315, year:2015, publisher: Tabriz University of Medical Sciences.
11. Title: Preventive effects of garlic (*Allium sativum*) on oxidative stress and histopathology of cardiac tissue in streptozotocin-induced diabetic rats,

Author: Naderi, R and Mohaddes, G and Mohammadi, M and Alihemmati, A and Badalzadeh, R and Ghaznavi, R and Ghyasi, R and Mohammadi, Sh, journal: Acta physiologica hungarica, volume:102, number:4, pages:380--390, year:2015, publisher: Akad{\e.miai Kia

12. Title: Chronic Type-I diabetes could not impede the anti-inflammatory and anti-apoptotic effects of combined postconditioning with ischemia and cyclosporine A in myocardial reperfusion injury,

Author: Badalzadeh, Reza and Azimi, Ako and Alihemmati, Alireza and Yousefi, Bahman, journal: Journal of physiology and biochemistry, volume:73, number:1, pages:111--120, year:2017, publisher: Springer Netherlands.

13. Title: Comparison of the protective effects of erythropoietin and melatonin on renal ischemia-reperfusion injury, Author: Banaei, Shokofeh and Ahmadiasl, Nasser and Alihemmati, Alireza, journal: Trauma monthly, volume:21, number:3, year:2016, publisher: Kowsar Medical Institute.

14. Title: Expression of the Mir-133 and Bcl-2 could be affected by swimming training in the heart of ovariectomized rats,

Author: Habibi, Parisa and Alihemmati, Alireza and NourAzar, Alireza and Yousefi, Hadi and Mortazavi, Safieh and Ahmadiasl, Nasser, journal: Iranian journal of basic medical sciences, volume:19, number:4, pages:381, year:2016, publisher: Mashhad University of Medical Sciences.

15. Title: Erratum to: Protective Effects of Troxerutin on  $\beta$ -Amyloid (1-42)-Induced Impairments of Spatial Learning and Memory in Rats,

Author: Babri, S and Amani, M and Mohaddes, G and Alihemmati, A and Ebrahimi, H, journal: Neurophysiology, volume:44, number:6, pages:503--503, year:2012, publisher: Springer US.

16. Title: Effect of non-ionizing electromagnetic field on the alteration of ovarian follicles in rats, Author: Ahmadi, Seyed Shahin and Khaki, Amir Afshin and Ainehchi, Nava and Alihemmati, Alireza and Khatooni, Azam Asghari and Khaki, Arash and Asghari, Ali, journal: Electronic physician, volume:8, number:3, pages:2168, year:2016, publisher: The Electronic Physician.

17. Title: Effects of regular swimming on WBC profile, inflammatory mediators and histopathology of pancreatic tissue of high fat induced diabetes in adult male rats,

Author: Ghiasi, Rafiqeh and Ghadiri Soufi, F and Mohaddes, Gisou and Somi, M and Ebrahimi, Hadi and Alihemmati, Alireza and others, journal: Bull Env Pharmacol Life Sci, volume: 3, number: 10, pages: 14--20, year: 2014.

18. Title: Influence of regular swimming on serum levels of CRP, IL-6, TNF-alpha in high-fat diet-induced type 2 diabetic rats.

Author: Ghiasi, Rafighe and Mohaddes, G and Alihemmati, A and Somi, MH and Ebrahimi, H and Alipour, MR and others, journal: General physiology and biophysics, volume:35, number:4, pages:469--476, year: 2016.

19. Title: Troxerutin Preconditioning and Ischemic Post-Conditioning Modulate Inflammatory Response after Myocardial Ischemia/Reperfusion Injury in Rat Model,

Author: Badalzadeh, Reza and Baradaran, Behzad and Alihemmati, Alireza and Yousefi, Bahman and Abbaszadeh, Azam, journal: Inflammation, pages: 1--8, year: 2017, publisher: Springer US.

20. Title: Involvement of microRNA-133 and-29 in cardiac disturbances in diabetic ovariectomized rats,

Author: Habibi, Parisa and Alihemmati, Alireza and Nasirzadeh, Mohammadreza and Yousefi, Hadi and Habibi, Mohammadrasoul and Ahmadiasl, Nasser, journal: Iranian journal of basic medical sciences, volume: 19, number: 11, pages: 1177, year: 2016, publisher: Mashhad University of Medical Sciences.

21. Title: The effects of Intra-cerebellum Injection of Estrogen on Anxiety-like Behavior and Parameters of Antioxidant System following Ethidium Bromide Injection in rat,

Author: faranak nejati, shiva khezri, homeira hatami, ali reza ali hemmati journal: J. Fasa Univ. Med. Sci., volume:5, pages:219--228, year:2015, publisher: Fasa University of Medical Sciences.

22. Title: Combination anti-apoptotic effect of erythropoietin and melatonin on ischemia reperfusion-induced renal injury in rats,

Author: Banaei, Shokofeh and Ahmadiasl, Nasser and Alihemmati, Alireza, journal: Acta Medica Iranica, pages: 624--630, year: 2016.

23. Title: Effect of a combined treatment with erythropoietin and melatonin on renal ischemia reperfusion injury in male rats,

Author: Nasser Ahmadiasl, Shokofeh Banaei, Alireza Alihemmati, Behzad Baradaran, journal: Clin Exp Nephrol, volume:18, number:6, pages:855--864, year:2014, publisher: Springer.

24. Title: The effect of BSO-induced oxidative stress on histologic feature of testis: testosterone secretion and semen parameters in mice,

Author: Sajjadian F, Roshangar L, Hemmati A, Nori M, Soleimani-Rad S, Soleimani-Rad J,  
journal: Iran J Basic Med Sci, volume:17, number:8, pages:606--12, year:2014, publisher:  
Mashhad University of Medical Sciences.

25. Title: Impact of C-rel inhibition of cord blood-derived B-, T-, and NK cells,  
Author: Fallahi, Shirin and Mohammadi, Seyede Momeneh and Tayefi Nasrabadi, Hamid and  
Alihemmati, Alireza and Samadi, Naser and Gholami, Sanaz and Shanehbandi, Dariush and  
Nozad Charoudeh, Hojjatollah, journal: Journal of Immunotoxicology, volume:14, number:1,  
pages:15--22, year:2017, publisher: Taylor & Francis.

26. Title: The effects of 50 Hz electromagnetic fields induction of apoptosis in rat follicles,  
Author: Ahmadi, Seyed Shahin and Khaki, Amir Afshin and Alihemmati, Alireza and  
Rajabzadeh, Asghar and Giasi, Giti Seyed, journal: Crescent Journal of Medical and  
Biological Sciences, volume:4, pages:64--68, year:2017, publisher: ARAS PART MEDICAL  
INT PRESS, NO 1, S SHAREATI ST, 5138815941, TABRIZ.

27. Title: Effect of genistein on expression of pancreatic SIRT1, inflammatory cytokines and  
histological changes in ovariectomized diabetic rat,  
Author: Yousefi, Hadi and Alihemmati, Alireza and Karimi, Poursan and Alipour, Mohammad  
Reza and Habibi, Parisa and Ahmadiasl, Nasser, journal: Iranian journal of basic medical  
sciences, volume:20, number:4, pages:423, year:2017, publisher: Mashhad University of  
Medical Sciences.

28. Title: Terminal Deoxynucleotidyl Transferase (TdT) Inhibition of Cord Blood Derived B  
and T Cells Expansion,  
Author: Gholami, Sanaz and Mohammadi, Seyede Momeneh and Akbari, Aliakbar  
Movasaghpour and Abedelahi, Ali and Alihemmati, Alireza and Fallahi, Shirin and Charoudeh,  
Hojjatollah Nozad, journal: Advanced pharmaceutical bulletin, volume:7, number:2,  
pages:215, year:2017, publisher: Tabriz University of Medical Sciences.

29. Title: How do red and infrared low-level lasers affect folliculogenesis cycle in rat's ovary  
tissue in comparison with clomiphene under in vivo condition?  
Author: Naseri, Paria and Alihemmati, Alireza and Rasta, Seyed Hossein, journal: Lasers in  
Medical Science, volume:32, number:9, pages:1971--1979, year:2017, publisher: Springer  
London.

30. Title: Troxerutin protects hippocampal neurons against amyloid beta-induced oxidative  
stress and apoptosis,



Author: Farajdokht, Fereshteh and Amani, Mohammad and Babil, Fariba Mirzaei and Alihemmati, Alireza and Mohaddes, Gisou and Babri, Shirin, journal: EXCLI journal, volume: 16, pages: 1081, year: 2017, publisher: Leibniz Research Centre for Working Environment and Human Factors.

31. Title: Therapeutic potential of genistein in ovariectomy-induced pancreatic injury in diabetic rats: The regulation of MAPK pathway and apoptosis,

Author: Yousefi, Hadi and Karimi, Pouran and Alihemmati, Alireza and Alipour, Mohammad Reza and Habibi, Parisa and Ahmadiasl, Nasser, journal: Iranian Journal of Basic Medical Sciences, volume:20, number:9, pages:1009, year:2017, publisher: Mashhad University of Medical Sciences.

32. Title: Tetrahydrobenzothiophene carbetamide's: Beyond the kinase domain and into the fatty acid realm,

Author: Sabin Llona-Minguez, Shabnam Fayezi, Alireza Alihemmati, Jordi Juárez-Jiménez, F Javier Piedrafita, Thomas Helleday, journal: Bioorganic & medicinal chemistry letters, volume: 27, number: 18, pages: 4462--4466, year: 2017, publisher: Pergamon.

33. Title: Fibrotic and apoptotic markers alteration in ovariectomised rats: addition of swimming training preserves lung architecture,

Author: Daghigh, Faeze and Alihemmati, Alireza and Karimi, Pouran and Habibi, Parisa and Ahmadiasl, Naser, journal: Archives of physiology and biochemistry, volume:124 number:4, pages:286--291, year:2018, publisher: Taylor & Francis.

34. Title: Genistein preserves the lungs of ovariectomized diabetic rats: addition to apoptotic and inflammatory markers in the lung,

Author: Daghigh, Faeze and Alihemmati, Alireza and Karimi, Pouran and Habibi, Parisa and Ahmadiasl, Naser, journal: Iranian journal of basic medical sciences, volume:20, number:12, pages:1312, year:2017, publisher: Mashhad University of Medical Sciences.

35. Title: Apoptosis and histopathology of the heart after renal ischemia-reperfusion in male rat running Title: ischemia-reperfusion injury,

Author: Alihemmati, Alireza and Yousefi, Hadi and Ahmadiasl, Naser and Habibi, Parisa, journal: Brazilian Archives of Biology and Technology, volume: 60, year: 2018, publisher: Instituto de Tecnologia do Parana. -Tecpar.

36. Title: Protective effect of ghrelin on testicular damages caused by chronic hypoxia in rats: a histopathological study,

Author: Hazrati, A and Salimnejad, R and Alipour, MR and Mirzaei Babil, F and Alihemmati, A, journal: Andrologia, volume:50, number:4, pages: e12989, year: 2018.

37. Title: Effects of topical treatment of second-degree burn wounds with *Lactobacillus acidophilus* on the wound healing process in male rats,  
Author: Barzegari, Amir Abbas and Hashemzaei, Masood and Majdani, Raheleh and Alihemmati, Ali-Reza, journal: Pharmaceutical and Biomedical Research, volume:3, number:3, pages:23--30, year:2017, publisher: Pharmaceutical and Biomedical Research.
38. Title: Effects of *Lactobacillus rhamnosus* (ATCC 7469) ointment on second-degree burn wound in Wistar rat,  
Author: Barzegari, Amir Abbas and Hashemzaei, Masood and Alihemmati, Ali-Reza and Soltani, Soroush and Naseri, Behrouz, journal: Journal of Basic Research in Medical Sciences, volume:5, number:1, pages:1--9, year:2018, publisher: Journal of Basic Research in Medical Sciences.
39. Title: Combination of vildagliptin and ischemic post-conditioning in diabetic hearts as a working strategy to reduce myocardial reperfusion injury by restoring mitochondrial function and autophagy activity,  
Author: Bayrami, Goltaj and Alihemmati, Alireza and Karimi, Poursan and Javadi, Aniseh and Keyhanmanesh, Rana and Mohammadi, Mustafa and Zadi-Heydarabad, Milad and Badalzadeh, Reza, journal: Advanced pharmaceutical bulletin, volume:8, number:2, pages:319, year:2018, publisher: Tabriz University of Medical Sciences.
40. Title: Effects of genistein treatment on molecular markers related to fibrosis: addition to histological changes in the lung of ovariectomized diabetic rats,  
Author: Alipour, Mohammad Reza and Ahmadiasl, Naser and Karimi, Poursan and Alihemmati, Alireza and Zolbin, Masoumeh Majidi and Daghigh, Faeze, journal: Journal of contemporary medical sciences, volume:4, number:3, pages:158--162, year: 2018.
41. Title: Effects of *Lactobacillus Rhamnosus* on Healing Process of Second Degree Burn Wound in Wistar Rats,  
Author: Barzegari, Amir Abbas and Alihemmati, Alireza and Hashemzaei, Masoud and Soltani, Soroush and Majdani, Behrooz Naseri, year: 2016.
42. Title: The effect of garlic and voluntary exercise on cardiac angiogenesis in diabetes: the role of MiR-126 and MiR-210,  
Author: Naderi, Roya and Mohaddes, Gisou and Mohammadi, Mustafa and Alihemmati, Alireza and Khamaneh, Amirmahdi and Ghyasi, Rafighe and Ghaznavi, Rana, journal: Arquivos brasileiros de cardiologia, volume: 112, pages: 154--162, year: 2018, publisher: Sociedade Brasileira de Cardiologia-SBC.

43. Title: The ameliorative effect of Carvacrol on oxidative stress and germ cell apoptosis in testicular tissue of adult diabetic rats,  
Author: Hamed Shooreia, Arash Khaki, Amir Afshin Khaki, Alireza Ali Hemmati, Maryam Moghimian, Majid Shokoohi, journal: Biomedicine \& Pharmacotherapy, volume:111, pages:568--578, year:2019, publisher: Elsevier Masson.
44. Title: Regulation and modulation of PTEN activity,  
Author: Naderali, Elahe and Khaki, Amir Afshin and Rad, Jafar Soleymani and Ali-Hemmati, Alireza and Rahmati, Mohammad and Charoudeh, Hojjatollah Nozad, journal: Molecular biology reports, volume:45, number:6, pages:2869--2881, year:2018, publisher: Springer Netherlands.
45. Title: Effects of short-and longterm regular exercise on reproductive tissue in streptozotocin-induced diabetic male Wistar rats,  
Author: Mogaddami, Zahra and Sheikhzadeh, Farzam and Hatami, Homeira and Khojasteh, Seyed Mahdi Banan and Khajehnasiri, Nazli and Hemmati, Ali Reza Ali and Dastranj, Ali, journal: Endocr Regul, volume:52, number:4, pages:167--175, year: 2018.
46. Title: The role of stearyl-coenzyme a desaturase 1 in liver development, function, and pathogenesis,  
Author: Mohammadzadeh, Fatemeh and Hosseini, Vahid and Alihemmati, Alireza and Shaaker, Maghsod and Mosayyebi, Gholamali and Darabi, Masoud and Mehdizadeh, Amir, journal: Journal of Renal and Hepatic Disorders, volume:3, number:1, pages:15--22, year: 2019.
47. Title: BSO-induced oxidative stress affects testicular histology, semen parameters and sperm fertility,  
Author: Rad, Soleimani J and Sajjadian, F and Roshangar, L and Alihemmati, A, journal: International Journal of Reproductive BioMedicine, volume:12, number:6, pages:117, year:2014, publisher: Yazd Shahid Sadoughi University of Medical Sciences, Research and Clinical.
48. Title: Effects of high-intensity interval training on the expression of microRNA-499 and pro-and anti-apoptotic genes in doxorubicin-cardiotoxicity in rats,  
Author: Alihemmati, Alireza and Ebadi, Farnaz and Moghadaszadeh, Masoud and Asadi, Milad and Zare, Parisa and Badalzadeh, Reza, journal: Journal of electrocardiology, volume: 55, pages: 9--15, year: 2019, publisher: Churchill Livingstone.
49. Title: Antioxidant effect of genistein on ovarian tissue morphology, oxidant and antioxidant activity in rats with induced polycystic ovary syndrome,

Author: Rajaei, Samira and Alihemmati, Alireza and Abedelahi, Ali, journal: International Journal of Reproductive BioMedicine, volume:17, number:1, pages:11, year:2019, publisher: Shahid Sadoughi University of Medical Sciences and Health Services.

50. Title: Polyelectrolyte carboxymethyl cellulose for enhanced delivery of doxorubicin in MCF7 breast cancer cells: Toxicological evaluations in mice model,

Author: Shafiei-Irannejad, Vahid and Rahimi, Mahdi and Zarei, Mojtaba and Dinparast-Isaleh, Roshan and Bahrambeigi, Saman and Alihemmati, Alireza and Shojaei, Salman and Ghasemi, Zarrin and Yousefi, Bahman, journal: Pharmaceutical research, volume:36, number:5, pages:1--17, year:2019, publisher: Springer US.

51. Title: 17-beta estradiol Attenuated Hippocampus Oxidative Stress in an Ethidium Bromide-Induced Multiple Sclerosis Model among Adult Male Rats,

Author: Alihemmati, Alireza and Hatami, Homeira and Khajehnasiri, Nazli, journal: Scientific Journal of Ilam University of Medical Sciences, volume:26, number:6, pages:205--214, year:2019, publisher: Ilam University of Medical Sciences.

52. Title: Effects of renal ischemia-reperfusion on biochemical factors and histopathological alterations in the liver of male rats,

Author: Yousefi, Hadi and Ahmadiasl, Nasser and Salimnejad, Ramin and Bagheri, Elhameh and Roshangar, Leila and Alihemmati, Alireza, journal: Physiol Pharmacol, volume:23, number:1, pages:44--50, year:2019, publisher: Iranian Society for Physiology and Pharmacology.

53. Title: Positive Effects of Spray-Dried Streptococcus thermophilus on Healing of Second-Degree Burn Wounds in Wistar Rats,

Author: Barzegari, Amir Abbas and Hashemzaei, Masood and ASlihematti, Ali Reza, journal: Medical Laboratory Journal, volume:13, number:2, pages:23--29, year:2019, publisher: Medical Laboratory Journal.

54. Title: Positive effects of pi3k/akt signaling inhibition on PTEN and P53 in prevention of acute lymphoblastic leukemia tumor cells,

Author: Naderali, Elahe and Valipour, Behnaz and Khaki, Amir Afshin and Rad, Jafar Soleymani and Alihemmati, Alireza and Rahmati, Mohammad and Charoudeh, Hojjatollah Nozad, journal: Advanced pharmaceutical bulletin, volume:9, number:3, pages:470, year:2019, publisher: Tabriz University of Medical Sciences.

55. Title: Effects of Exercise on miR-29 and IGF-1 Expression and Lipid Profile in the Heart of Ovariectomized Rat,

Author: P. Habibi, A. Alihemmati, M. Alipour, A. Nourazar, H. Yousefi, S. Andalib, N. Ahmadiasl, journal: Acta Endocrinologica (Buc), volume:7, number:2, pages:130--136, year:2016.

56. Title: Apoptosis and Histopathology of the Heart after Renal Ischemia-Reperfusion in Male Rat Running Title: Ischemia-Reperfusion Injury (vol 60, e17160244, 2017),  
Author: Alihemmati, Alireza and Yousefi, Hadi and Ahmadiasl, Naser and Habibi, Parisa,  
journal: BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, volume: 61, year: 2018,  
publisher: INST TECNOLOGIA PARANA RUA PROF ALGACYR MUNHOZ MADER 3775-  
CIC, 81350-010.

57. Title: Early oleate deficiency leads to severe defects in fetal rat liver development,  
Author: Mohammadzadeh, Fatemeh and Alihemmati, Alireza and Tazehkand, Abbas Pirpour  
and Darabi, Masoud and Mehdizadeh, Amir, journal: Iranian Journal of Basic Medical  
Sciences, volume:22, number:9, pages:1010, year:2019, publisher: Mashhad University of  
Medical Sciences.

58. Title: The effect of swimming training on oxidative stress, SIRT1 gene expression, and  
histopathology of hepatic tissue in type 2 diabetic rats,  
Author: Ghiasi, Rafighe and Naderi, Roya and Mozaffar, Asou and Alihemmati, Alireza,  
journal: Biologia Futura, volume:70, number:3, pages:167--174, year:2019, publisher:  
Akadémiai Kiadó Zrt. Budapest.

59. Title: An overview on the effects of power frequency electromagnetic field exposure on  
the female reproduction system, pregnancy outcome and fetal development,  
Author: Mansuori, Elham and Alihemmati, Alireza and Mesbahi, Asghar, journal: Journal of  
medicinal and chemical sciences, volume:3, number:1, pages:60--70, year:2020, publisher:  
Sami Publishing Company (SPC).

60. Title: The effects of genistein on renal oxidative stress and inflammation of  
ovariectomized rats,  
Author: Javani, Gonja and Alihemmati, Alireza and Habibi, Parisa and Yousefi, Hadi and Karimi,  
Pouran and Ebraheimi, Vida and Ahmadiasl, Naser and others, journal: Jundishapur Journal  
of Natural Pharmaceutical Products, volume:14, number:4, pages: e57149, year:2019,  
publisher: Kowsar.

61. Title: Effect of ghrelin on hypoxia-related cardiac angiogenesis: involvement of miR-210  
signalling pathway,

Author: Mirzaei Babil, Fariba and Karimi-Sales, Elham and Alihemmati, Alireza and Alipour, Mohammad Reza, journal: Archives of Physiology and Biochemistry, volume:128, number:1, pages:270--275, year:2022, publisher: Taylor & Francis.

62. Title: Effects of vitamin D supplementation on follicular development, gonadotropins and sex hormone concentrations, and insulin resistance in induced polycystic ovary syndrome, Author: Behmanesh, Nasim and Abedelahi, Ali and Charoudeh, Hojjatollah Nozad and Alihemmati, Alireza, journal: Turkish journal of obstetrics and gynecology, volume:16, number:3, pages:143, year:2019, publisher: Turkish Society of Obstetrics and Gynecology.

63. Title: The Effect of NO System on Ethidium Bromide-Induced Oxidative Stress in the Hippocampal Formation of Male Rats, Author: Zahedeh Rhimluoye Marjan, Alireza Alihemmati, Homeira Hatami Nemati, Hatam Ahmadi, journal: J Qazvin Univ Med Sci, volume:23, number:3, pages:190--201, year:2019, publisher: Qazvin University Med Sci.

64. Title: Exercise training attenuates diabetes-induced cardiac injury through increasing miR-133a and improving pro-apoptosis/anti-apoptosis balance in ovariectomized rats, Author: Habibi, Parisa and Alihemmati, Alireza and Ahmadiasl, Nasser and Fateh, Abolfazl and Anvari, Enayat, journal: Iranian journal of basic medical sciences, volume:23, number:1, pages:79, year:2020, publisher: Mashhad University of Medical Sciences.

65. Title: The effect of long-term exercise via TNF- $\alpha$  level on the type-1 diabetic rats in testis tissues. Author: Moghaddami, Z and Hemmati, AR and Dastranj, A and others, journal: Iranian Journal of Reproductive Medicine, year: 2015.

66. Title: The investigation of the role of nitric oxide system in the spatial memory of rats in experimental model of multiple sclerosis, Author: Rahimluy Marjani, Zahedeh and Hatami, Homeira and AliHemmati, Ali Reza, journal: Razi Journal of Medical Sciences, volume:20, number:117, pages:49--58, year:2014, publisher: Razi Journal of Medical Sciences.

67. Title: A study of the effects of electromagnetic field on islets of Langerhans and insulin release in rats, Author: Khaki, Amir Afshin and ALIHEMMATI, ALIREZA and Nobahari, Ramin, year: 2015, publisher: CRESCENT JOURNAL OF MEDICAL AND BIOLOGICAL SCIENCES.

68. Title: The effect of intra-hippocampal injection of estradiol on spatial memory in male rats during multiple sclerosis disease,

Author: Zarrin, Vahideh and Hatami, Homeyra and Ali Hemmati, Alireza, journal: Journal of Fasa University of Medical Sciences, volume:4, number:3, pages:353--361, year:2014, publisher: Journal of Fasa University of Medical Sciences.

69. Title: Investigated the effect of near infrared laser on Folliculogenesis cycle and compared with Colomiphene effects in vivo condition in rat's ovary,

Author: Naseri, Paria and Rasta, Seyed Hosein and Ali Hemmati, Alireza, journal: Iranian Journal of Medical Physics, volume: 15, number: Special Issue-12th. Iranian Congress of Medical Physics, pages: 56--56, year: 2018, publisher: Mashhad University of Medical Sciences.

70. Title: Protective Effect of Vitamin E Supplement in Electromagnetic Field Induced Damages in Spleen: An Ultrastructural and Light Microscopic Study., journal: Global Veterinaria 4 (4): 416-421, 2010.

71. Title: Impact of BSo-induced oxidative stress on oocyte fertilization: An in-vitro study, Author: Shahsar, Lale and Jafar, Soleimani-Rad, journal: Annals of Biological Research, volume:3, number:1, pages:49--56, year: 2012.

72. Title: Morphopathological study of effect of Licorice root extract on atherosclerosis process in coronary artery of male fed rabbit, journal: Iranian Journal of Pharmaceutical Research: Supplement 2: 45-45. 2004.

73. Title: An overview of advanced biocompatible and biomimetic materials for creation of replacement structures in the musculoskeletal systems: focusing on cartilage tissue engineering,

Author: Bakhshayesh, Del and Rahmani, Azizeh and Asadi, Nahideh and Alihemmati, Alireza and Tayefi Nasrabadi, Hamid and Montaseri, Azadeh and Davaran, Soodabeh and Saghati, Sepideh and Akbarzadeh, Abolfazl and Abedelahi, Ali, journal: Journal of Biological Engineering, volume:13, number:1, pages:1--21, year:2019, publisher: BioMed Central.

74. Title: Effect of troxerutin on spatial memory and synaptic plasticity of dentate gyrus neurons in a-amyloid model of Alzheimers disease,

Author: Babri, Shirin and Mohaddes, Gisou and Alihemmati, Alireza, year: 2016, publisher: Tabriz University of Medical Sciences, Faculty of Medicine.

75. Title: Swimming training modulates lung injury induced by ovariectomy in diabetic rats: involvement of inflammatory and fibrotic biomarkers,

Author: Daghigh, Faeze and Karimi, Poursan and Alihemmati, Alireza and Majidi Zolbin, Masoumeh and Ahmadiasl, Naser, journal: Archives of physiology and biochemistry, volume:128, number:2, pages:514--520, year:2022, publisher: Taylor & Francis.

76. Title: O Efeito do Alho e de Exercícios Físicos Voluntários na Angiogênese Cardíaca no Diabetes: O Papel do miRNA-126 e do miRNA-210

Author: Naderi, Roya and Mohaddes, Gisou and Mohammadi, Mustafa and Alihemmati, Alireza and Khamaneh, Amirmahdi and Ghyasi, Rafiqe and Ghaznavi, Rana, journal: Arquivos Brasileiros de Cardiologia, volume: 112, pages: 154--162, year: 2018, publisher: Sociedade Brasileira de Cardiologia-SBC.

77. Title: Preparation and characterization of novel anti-inflammatory biological agents based on piroxicam-loaded poly-ε-caprolactone nano- particles for sustained NSAID delivery,

Author: Rahmani Del Bakhshayesh, Azizeh and Akbarzadeh, Abolfazl and Alihemmati, Alireza and Tayefi Nasrabadi, Hamid and Montaseri, Azadeh and Davaran, Soodabeh and Abedelahi, Ali, journal: Drug Delivery, volume:27, number:1, pages:269--282, year:2020, publisher: Taylor & Francis.

78. Title: Evaluation of carvedilol on pituitary and sexual hormones and their receptors in the testicle of male diabetic rats,

Author: Shoorei, H and Khaki, A and Shokoohi, M and Khaki, AA and Alihemmati, A and Moghimian, M and Abtahi-Eivary, SH, journal: Human & experimental toxicology, volume:39, number:8, pages:1019--1030, year:2020, publisher: SAGE Publications Sage UK:London, England.

79. Title: Effects of different vitrification solutions and protocol on follicular ultrastructure and revascularization of autografted mouse ovarian tissue,

Author: Asl, Mohammad Mahmoudi and Rahbarghazi, Reza and Beheshti, Rahim and Alihemmati, Alireza and Aliparasti, Mohammad Reza and Abedelahi, Ali, journal: Cell Journal (Yakhteh), volume:22, number:4, pages:491, year:2021, publisher: Royan Institute.

80. Title: Prevalence of Sarcocystis Infection in Slaughtered Cattle in Tabriz.

Author: Alihemmati A., Shahbazi A., Fallah E., Khanmohammadi M., Asfaram Sh, WINTER 2014, Volume 10 (NEW), Number 4 (43); Page(s) 1095 To 1099.

81. Title: Vildagliptin ameliorates renal injury in type 2 diabetic rats by suppressing oxidative stress,



Author: Aghahoseini, Fariba and Alihemmati, Alireza and Hosseini, Leila and Badalzadeh, Reza, journal: Journal of Diabetes & Metabolic Disorders, pages: 1--7, year: 2020, publisher: Springer International Publishing.

82. Title: The impacts of garlic and voluntary training alone or together on myocardial miR-126 and miR-210 gene expressions and angiogenesis in healthy rats,

Author: Ghiasi, Rafighe and Alihemmati, Alireza and Naderi, Roya, journal: Journal of cardiovascular and thoracic research, volume:12, number:3, pages:195, year:2020, publisher: Tabriz University of Medical Sciences.

83. Title: Fumaria parviflora regulates oxidative stress and apoptosis gene expression in the rat model of varicocele induction,

Author: Dolatkah, Mohammad Amin and Shokoohi, Majid and Charvandeh, Sheida and Tvrdá, Eva and Shoorei, Hamed and Moghimian, Maryam and Alihemmati, Alireza, journal: Andrologia, volume: 52, number: 11, pages: e13826, year: 2020.

84. Title: Hepatotoxic effects caused by simultaneous exposure to noise and toluene in New Zealand white rabbits: a biochemical and histopathological study,

Author: Abouee-Mehrizi, Amirreza and Rasoulzadeh, Yahya and Mehdipour, Ahmad and Alihemmati, Alireza and Rahimi, Elnaz, journal: Ecotoxicology, pages: 1--10, year: 2021, publisher: Springer US.

85. Title: Swimming training attenuates pancreatic apoptosis through miR-34a/Sirtu in 1/P53 Axis in high-fat diet and Streptozotocin-induced Type-2 diabetic rats,

Author: Alipour, Mohammad Reza and Naderi, Roya and Alihemmati, Alireza and Sheervalilou, Roghayeh and Ghiasi, Rafighe, journal: Journal of Diabetes & Metabolic Disorders, volume: 19, number: 2, pages: 1439--1446, year: 2020, publisher: Springer International Publishing.

86. Title: Histological, metabolic, and inflammatory changes in the renal tissues of high-fat diet-induced obese rats after vitamin D supplementation,

Author: Avestaei, Amir-Hosseini and Yaghchiyan, Mahdi and Ali-Hemmati, Alireza and Farhangi, Mahdieh Abbasalizad and Mesgari-Abbasi, Mehran and Shahabi, Parviz, journal: Nutrition & Food Science, year: 2021, publisher: Emerald Publishing Limited.

87. Title: Regenerative role of Genistein treatment on Fibrotic and inflammatory Biomarkers Alteration in the Lung of Estrogen Deficient Rats,

Author: Daghigh, Faeze and Zolbin, Masoumeh Majidi and Karimi, Poursan and Alihemmati, Alireza and Ahmadiasl, Nasser, year: 2021.

88. Title: The Cardioprotective Effect of Combined Therapy with Alpha-Lipoic Acid Preconditioning and Ischemic Postconditioning Is Mediated by the Improvement of Autophagy Flux and Mitochondrial Function in Myocardial Reperfusion Injury of Diabetic Rats,  
Author: Shadbad, Mahdi Abdoli and Mokhtari, Behnaz and Alihemmati, Alireza and Abolhasanpour, Nasrin and Javadi, Aniseh and Badalzadeh, Reza, year: 2021.
89. Title: Protective Effect of Troxerutin on Diabetes-Induced Vascular Damages in Rat Aorta: Histopathological Alterations and Antioxidation Mechanism,  
Author: Badalzadeh, Reza and Layeghzadeh, Nayeleh and Alihemmati, Alireza and Mohammadi, Mustafa, journal: La Prensa Medica, volume: 2015, year: 2003, publisher: SciTechnol.
90. Title: Genistein Blunted Detrimental Effects of Polycystic Ovary Syndrome on the Ovarian Tissue of Rats by Improving Follicular Development and Gonadotropin Secretion.  
Author: Khezri, Samran and Alihemmati, Alireza and Abedelahi, Ali, journal: JBRA Assisted Reproduction, year: 2022.
91. Title: Genistein Supplementation Alters the Expression Levels of miR-155 and miR-181b in the Uterus of Estrogen-Deficient Rats.,  
Author: HAMZEZHAADEH, Arezou and AHMADIASL, Naser and ALIHEMMATI, Alireza and DAGHIGH, Faeze, journal: Turkish Journal of Endocrinology & Metabolism, volume: 25, number: 4, year: 2021.
92. Title: The Effects of 50 Hz Electromagnetic Fields Induction of Apoptosis in Rat Ovarian Follicles,  
Author: Ahmadi, Seyed Shahin and Khaki, Amir Afshin and Alihemmati, Alireza and Rajabzadeh, Asghar and Giasi, Giti Seyed, journal: Crescent Journal of Medical and Biological Sciences Vol. 4, No. 2, April 2017, 64–68
93. Title: Alpha-lipoic acid preconditioning plus ischemic post-conditioning provides additional protection against myocardial reperfusion injury of diabetic rats: modulation of autophagy and mitochondrial function,  
Author: Mokhtari, Behnaz and Abdoli-Shadbad, Mahdi and Alihemmati, Alireza and Javadi, Aniseh and Badalzadeh, Reza, journal: Molecular Biology Reports, volume: 49, number: 3, pages: 1773--1782, year: 2022, publisher: Springer Netherlands.
94. Title: Estrogen attenuates the accumulation of fatty streaks in coronary arteries of ovariectomized cholesterol – fed rabbits., journal: Atherosclerosis; 6(1): 13-16, year: 2002
95. Ischemic-Postconditioning Improves Myocardial Injury and Fibrosis Following Ischemia/Reperfusion Injury in Diabetic Rats Pretreated with Alpha-Lipoic Acid, Journal: ImmunoAnalysis, 3: 10 2023

96. Alpha-Lipoic Acid Enhances Ischemic Postconditioning-Mediated Improvement of Myocardial Infarction and Apoptosis in Diabetic Rats with Ischemia/Reperfusion Injury S Gholami, R Badalzadeh, A AliHemmati Canadian Journal of Physiology and Pharmacology. July 2023
97. Effect of troxerutin on the expression of genes regulating mitochondrial biogenesis and microRNA-140 in doxorubicin-induced testicular toxicity B Mokhtari, A Abdi, SZ Athari, H Nozad-Charoudeh, A Alihemmati, Journal of Research in Medical Sciences: The Official Journal of Isfahan University of Medical Sciences. J Res Med Sci.; 28: 35, 2023
98. Toxicological Effects of Simultaneous Exposure to Toluene and Noise on some Sexual and Stress Parameters in New Zealand White Rabbits. A Abouee-Mehrizi, S Saed-Moucheshi, Y Rasoulzadeh, A Mehdipour, Fariba Mohammadoghli-Reyhan, Zeynab Iraj, Alireza Alihemmati, Majid Shokoohi Pollution 9 (1), 126-138. 2023
99. The effect of Fumaria parviflora on the expression of sexual hormones along with their receptors in testicles of adult rats induced by varicocele. MA Dolatkah, S Khezri, M Shokoohi, A Alihemmati. Andrologia 54 (9), e14512. 2022
100. Genistein blunted detrimental effects of polycystic ovary syndrome on the ovarian tissue of rats by improving follicular development and gonadotropin secretion S Khezri, A Alihemmati, A Abedelahi. JBRA Assisted Reproduction 26 (3), 379. 2022

**Congress presentations:**

1. Effects of estrogen on accumulated fatty streaks in right and left coronary arteries of ovariectomized rabbits fed with diet of cholesterol. Heart Friend around the World Cardiology Update. Czech Republic - Pilsen – Safrank Pavilion. 2003
2. Effects of Licorice Root Extract on Atherosclerosis process in coronary artery of male fed rabbit. Fourth Asian-Pacific International Congress of Anatomists. Turkey.2005.
3. Effect of Tamoxifen on folliculogenesis of Embryo mice in gestation period: An Ultrastructural and Apoptosis Study. The 9<sup>th</sup> Iranian congress of Anatomical Sciences. Iran. 2010.
4. Anatomical radiologic study of prevalence of transverse apophysis of seventh cervical vertebra in patients admitted to medical centers. 6<sup>th</sup> international congress of anatomical sciences. Shiraz – Iran. 2005.

5. Effect of estrogen on accumulated fatty streaks in anterior and posterior inter-ventricular arteries of ovariectomized rabbits fed with diet of cholesterol. 5<sup>th</sup> international congress of anatomical sciences. Tehran. IRAN. 2001.
  
6. Effects of Topical Application of Lactobacillus Acidophilus on Second Degree Burn Wounds in Male Rats,  
Author: Hashemzaei, Masoud and Barzegari, Amir Abbas and Majdani, Raheleh and Alihemmati, Alireza, year: 2016.
  
7. Comparison of the Protective Effects of Erythropoietin and Melatonin on Renal Ischemia-Reperfusion Injury in Rats,  
Author: Banaei, Shokofeh and Ahmadiasl, Nasser and Alihemmati, Alireza, year: 2016.
  
8. Effects of Vitamin D Supplementation on the Follicular Development, Gonadotropins and Sex Hormones Level and Insulin Resistance in Induced Polycystic Ovary Syndrome. Behmanesh, Ali Abedelahi, Alireza Alihemmati, Hojjatollah Nozad charoudeh. Thirteenth Iranian Congress of Anatomy Sciences in date 2018-10-17 by Hamedan University of Medical.
  
9. Effect of genistein on the follicular structure and hormonal changes in induced Polycystic Ovarian Syndrome (PCOS) in female rats. Samran Khezri, Alireza Alihemmati<sup>2</sup> and Ali Abedelahi. Thirteenth Iranian Congress of Anatomy Sciences in date 2018-10-17 by Hamedan University of Medical
  
10. Effects of Electromagnetic Field on Thyroid Gland of Prenatal Rats. Alihemmati a - Tugyan k - Ozogul c- Rad JS. 9th nationl histology & embryology congress. 2008
  
11. Effective Education with Multimedia: Using Animation in Teaching & Larning of Embryology. Alihemmati a - rad js - roshangar I - nejad d. Seminar of new educational methods in anatomical science.2009
  
12. Evaluation of fertility after oxidative stress induced by BSO on ovume in in-vitro in mice. Sabetkam sh- roshangar I- soleimanirad j- hemmati ar- abed ellahi a. 4th yazd international congress and student award in reproductive medicine.2011
  
13. Study of the effect of oxidative stress on ovarian morphology and fertility of ovum in in-in-vitro in mice. Rshangar I - rad js - sabetkam s - rezazadeh a - hemmati a - abedelahi a. Joint meeting of anatomical scocienties. 2011
  
14. The effect of electromagnetic field on microstructure of placenta. Hamdi b -shefaei h- roshangar I- alireza hemmati- soleimani rad j. 18 congress of iranian society for reproductive medicine. 2012

15. Effect of oxidative stress induced by BSO on histology of fallopian tubes endometrium in mice. Sabetkam s- roshangar l- alihemmati a- soleimanirad j- abedelahi a. 18 congress of Iranian society for reproductive medicine. 2012
16. The effects of BSO – induced oxidative stress on testicular ultrastructure in mice. Fakhrosadat sajjadian - jafar soleimani rad - leila roshangar - alireza hemmati. 10th Iranian anatomical sciences congress Guilin. 2012
17. The role of nitric oxide (NO) on spatial memory in rats with multiple sclerosis (MS. zahedeh rahimluy - homeira hatami - alireza alihemmati-. 21th Iranian Congress of Physiology and Pharmacology. 23-27 August 2013, Tabriz, IRAN
18. Can intra-hippocampal injection of estrogen improve spatial memory during multiple sclerosis disease? Vahideh zarrin - homeira hatami - alireza alihemmati. 21th Iranian Congress of Physiology and Pharmacology. 23-27 August 2013, Tabriz, IRAN
19. Intraperitoneal injection of sesame oil during Alzheimer's disease can improve spatial memory. Fatemeh fathi- homeira hatami - alireza alihemmati- seyed mehdi banan. 21th Iranian Congress of Physiology and Pharmacology. 23-27 August 2013, Tabriz, IR
20. Effects of ischemia reperfusion (IRI on inflammatory response and apoptosis of heart in male rat. Naser ahmadiasl - hadi yousefi - reza badalzadeh - alireza alihemmati. 21th Iranian Congress of Physiology and Pharmacology. 23-27 August 2013, Tabriz, IRAN
21. Effects of renal ischemia reperfusion IRI on inflammatory responses and apoptosis of lungs in male rat. alireza alihemmati- Naser ahmadiasl - hadi yousefi - reza badalzadeh - 21th Iranian Congress of Physiology and Pharmacology. 23-27 August 2013, Tabriz, IRAN
22. Injection of L-Arginine on spatial memory in MS patients (MS) in male rats. homeira hatami - alireza alihemmati- zahedeh rahimluy. Iranian Neuroscience Society, Iran University of Medical Science.Tehran.2013
23. The effect of progesterone and vitamin C on demyelination and apoptosis induced by ethidium bromide in the hippocampus of male rats. Faezeh mehrvash- shirin babri- gisou mohaddes- alireza alihemmati- homeira hatami. Iranian Neuroscience Society, Iran University of Medical Science.Tehran.2013

**Academic Workshop Records:**

1. Staining for screening Cellular Molecule with the possible use in Malignancy. (Workshop) Isfahan University of Medical Sciences.
2. Immunohematology. (Workshop) Isfahan University of Medical Sciences.
3. Research Methodology. (Workshop) Isfahan University of Medical Sciences.
4. Educational Method (workshop) Tabriz University of Medical Sciences.
5. Research Methodology. (Workshop) Shahid Beheshti University of Medical Sciences.
6. Core Academic Skills (workshop) Tabriz University of Medical Sciences.
7. An introduction to stem cell structure (workshop) Tabriz University of Medical Sciences.
8. Western Blotting Technique(workshop) Tabriz University of Medical Sciences.
9. Empowering Students advisors (Workshop) Isfahan University of Medical Sciences.
10. Scientific and Professional Ethics(workshop) Tabriz University of Medical Sciences.
11. Electrophoretic Techniques and Staining Methods(workshop) Tabriz University of Medical Sciences.