

Curriculum Vitae



Name: Alireza

Last Name: Alihemmati

Birth Date: July 16 / 1973

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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	Anatomy For Medical – Dentistry - Nursing – Midwifery – Radiology and Lab Students	Isfahan University of Medical Sciences
2000 – 2002	Anatomy For Nursing – Radiology – Lab Students	Army University of Medical Sciences
2002 – 2005	Histology For Medical – Dentistry - Pharmacy - Radiology and Lab students	Tabriz University of Medical Sciences
	Anatomy For: Medical and Dentistry students	
2005 – 2010	Histology - Embryology For: Medical students	Dokuz Eylul University
2010 -	Histology - Embryology - Cell Biology & tissue engineering 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. 9th 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: 201 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 β -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: BioImpacts: 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: Akademiai Kiado

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 β -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, Rafigheh 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-cerebellumal 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 Momenah 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 Momenah 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, Pouran 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, Pouran 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.

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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.