

Contact and Optional Personal Information

Name: Ali Mirzaei

Last Name: Mirzaei

Date of Birth: 1958

Place of Birth : Mammasani, Fars, Iran

Nationality: Iranian

Gender: Male

Marital Status: Married

E mail. : mirzaee3a2003@yahoo.com

Mobile: 09171434236

Address: Yasuj University of Medical Sciences, Biochemistry Department

CURRENT POSITION

I am associated professor in clinical biochemistry in Yasuj University of Medical Sciences

EDUCATION

Dissertation: "Antioxidant activity of Phansomba as a medicinal plant

Degree	Field of study	Institution	Year of completion
BS	Clinical Laboratory Methods	Shiraz University of Medical Sciences	1984
MS	Clinical Biochemistry	Tehran University of Medical Sciences	1995
PhD	Clinical Biochemistry	Pune university in India	2006

Employment and work History

Type of employment	Research and Training	University	dates
Official-test	Laboratory expert	Yasuj University of Medical Sciences	1991
Official-Defective	Laboratory expert	Yasuj University of Medical Sciences	1998
Official-test	Academic instructor	Yasuj University of Medical Sciences	2002
Official-Defective	Faculty member	Yasuj University of Medical Sciences	2006

HONORS AND AWARDS

Received two award for best researcher in the Yasuj University of Medical Sciences in 2013 and 2014

Received two awards for best teacher in the Yasuj University of Medical Sciences

SERVICE

Executive and administrative records

Vice-Chancellor for Research in Yasuj Medical School Member of the Research committee of Yasuj University of Medical Sciences Member of the Research committee of Yasuj Medical School Director of Biochemistry Department Member of the Committee for Basic Science Education Planning Member of the Graduate School of Medicine Member of the Educational committee of the Faculty of Medicine Member of the Specialized committee of Graduate Studies Member of the Committee on the Implementation of General Medical Education Standards Member of Student Research Committee Member of the Supreme Council of Medicinal Herbs Research Center Member of the Promotion Committee of the Medicinal Herbs Research Center Member of Research Council of Medicinal Herbs Research Center Executive Director of the Medicinal Herbs Research Center Member of the Scientific Committee of the National Conference on Medicinal Plants Member of the Scientific Committee of the National Para medicine and Health Congress Launching and equipping of the Biochemistry Laboratory of the Faculty of Medicine Launch of a Master's degree in Clinical Biochemistry at the School of Medicine

Launch Animal School

Launch of Medicinal Herbs Research Center

PUBLICATIONS

CONFERENCE International Congress abstract papers

Hepatoprotectivity of grape seed and jaft extracts formulation in hepatoxic rats Antioxidant activity of the Pistaciaatlanticain carbon tetrachloride intoxicated rats in Iran Acute and chronic toxicity of the jaft aqueous extracts a part of oak fruit in Iran. Antioxidant activities and hepatooprotectivity of Jaft a part of oak fruit. The antioxidant capacities and total phenol contents of some medicinal plants in Iran In vitro antioxidant activity by different methods in some vegetables in Yasouj, Iran. Cytotoxicity assessment by Artemiaurmianain some indigenous medicinal plants in Iran Cytotoxic potential of five Iranian medicinal plants by Artemiaurmiana. Antioxidant activity and Nitric Oxide Scavenging potential of 10 decoction Iranian medicinal plants Cytotoxic and genotoxic effects of *Artemisia aucheri*, *Doremaaucheri*and*Achilleamillefolium*withthree extracts on Allium cepa

Toxicity and Genotoxicity of 12 Iranian Medicinal Plantsusing root cells of Allium cepa.

Hepatoprotective effect of hydroalcoholic extract of *Artemisiaaucheri*(HEAA) against CCl4-induced hepatotoxicity in male wistar rats

Cytotoxicity screening of *Doremaauchri*, *Achilleamillefolium* and *Artemisia aucheri*by *Artemiaurmiana*BrineShrimpLethality Test

-Antioxidant Activity and Antibacterial Potential of 12 Iranian Medicinal Plants.

Phytochemical analysis of 12 Species of Iranian Medicinal Plants

Title: . Ultrasonic and microwave assisted extraction as rapid and efficient techniques for plant mediated synthesis of quantum dots: green synthesis, characterization of zinc telluride and comparison study of some biological activities

Journal, New Journal Chemistry , DOI: 10.1039/c9nj03144h. 2019;1–13 **Authors:** Zinab Moradi Alvand, Hamid Reza Rajabi, <u>Ali Mirzaei</u> and Asad Masoumiasl nglish articles

Title: Unfolded protein response-mediated modulation of mesenchymal stem cells **Journal**, *IUBMB Life* International Union of Biochemistry and Molecular Biology, DOI: 10.1002/iub.2154: 2019;1–11

Authors: Fataneh Tavasolian, Ahmad Z. Hosseini , <u>Ali Mirzaei</u> , Elham Abdollahi, Pouria Jandaghi , Sara Soudi , Mahmood Naderi , Ehsan Saburi, Amir Abbas Momtazi-Borojeni, Thomas P. Johnston , Amirhossein Sahebkar

Title: . Comparison of osteogenic differentiation potential of induced pluripotent stem cells on 2D and 3D Polyvinylidene fluoride scaffolds

Journal, VOL, NO: Journal of cellular physiologhy DOI: 10.1002/jcp.28415, J Cell Physiol. 2019;1–9

Authors: Ali Mirzaei1, Abbas Shapouri Moghadam*, Mohamad Foad Abazari, Fatemeh Nejati, Sepehr Torabinejad, | Mohamad Kaabi6, Seyed Ehsan Enderami, Abdolreza Ardeshirylajimi, Maryam Darvish, Fatemeh Soleimanifar, Ehsan Saburi

2. Title: Bladder smooth muscle cell di

fferentiation of th

cells on electrospun Poly(lactide-co-glycolide) nanofibrous structure

Journal ,:Gene, 2019, NO 694, 26-32

Authors : Ali Mirzaeia, Ehsan Saburi , Maryam Islamid, Abdolreza Ardeshirylajimie, Mir Davood Omranif, Mohammad Taherif, Abbas Shapouri Moghadam, Soudeh Ghafouri-Fardh

3. Title: Synergistic effects of polyaniiline and pulsed electromagnetic field to stem cells

osteogenic differntition on polyvinylidene fluoride scaffold

Journal ,VOL,NO: Artifcial cells,Nanomedicine and biotechnology, 2019,Vol 47,No.1, 3058-3066

Authors : Ali Mirzaeia, Ehsan Saburi, Seyed Elnaz Enderami, Matineh Barati Bagherabad, Marzieh Asadi, Seyed Ehsan Enderami, Mahmood Chokami, Abbas Shapouri Moghadam, Abdolreza Ardeshirylajimi, Vahid Mansouri, Fatemeh Soleimanifar

4. Title: Antioxidant Effect of Pistachio Khinjuk On Alkali Injury Of Rabbit's Eye Cornea

Journal ,VOL,NO: Acta Medica Mediterranea, 1329 <u>, 2016, 32:P: 1329</u>-1333 Authors : Ali Mirzaei , Hossein Rezaei, Zeinab Salehpour **5. Title:** Rapid and green synthesis of cadmium telluride quantum dots with low toxicity based on a plant-mediated approach after microwave and ultrasonic assisted extraction: Synthesis, characterrization, biological potentials and comparison study.

Journal,VOL,NO: MaterialsScience&EngineeringC , <u>Vol 98</u>,2019,535-544 **Authors :** Zinab Morad Alvanda,Hamid Reza Rajabia, Ali Mirzaeib, , HamedSadatfara

6. Microwave assisted extraction as an efficient approach for biosynthesis of zink oxide nanoparticles: synthesis, characterization, and biological properties

Journal ,VOL,NO: MaterialsScience&EngineeringC , Vol;78,(2017),1109-1118 **Authors :** Hamid reza rajabi , Reza Naghiha, Mansoureh Kheirizadeh, Hamed Sadatifaraji , Ali Mirzaei, Zinab Moradi Alvand

7. Effects of Pistacia Atlantica Extract on Erythrocyte Membrane Rigidity, Oxidative Stress, and Hepatotoxicity Induced by CCl4 in Rats

Journal, VOL, NO: Global Journal of Health Science; Vol: Vol. 7, No. 7; 2015,P: 32-38 Authors : Mohsen Tolooei & Ali Mirzaei

8. : The Effects of Medicago Sativa and Allium Porrum on Iron Overload in Rats

Journal, VOL, NO: Global Journal of Health Science; <u>Vol. 7, No. 7; 2015, p137-142</u> **Authors :** Ali Mirzaei, Hamdollah Delaviz, Mahsa Mirzaei & Mohsen Tolooei

9. Title: Cytotoxic and Genotoxic Effects of Artemisia aucheri with Different Extracts on

Allium cepa L

Journal ,VOL,NO: International Medical Journal , 2015, Vol. 22, No. 1, pp. 1 - 4 **Authors :** Mehdi Ghavamizadeh), Ali Mirzaei

10. Title: Anti-Inflammation and Iron Chelating Potential of 5 Iranian

Journal, VOL, NO: International Medical Journal. Oct2014, Vol. 21 Issue 5, p480-482. 3p. Authors: Mirzaei A, Mirzaei M

11. Title: The Effect of rhubarb extract on lipid profile and oxidative stress in wistar male rats

Journal, VOL, NO: International Medical Journal . apr 2015, Vol. 22 Issue 2, p70-72. 3p **Authors:**Golami Sakineh , Mirzaei Ali , Oryan Shahrehbanoo, Hossaeini Sayed Ebrahim

12. Title: Nephro-Protective Effects of Origanum Vulgare HydroAlcoholic Extract against Gentamicin-Induced Nephrotoxicity in Rats.

Journal ,VOL,NO: International Medical Journal . Feb2016, Vol. 23 Issue 1, p26-29. 4p

Authors : Mirzaei, Ali; Maleki, Reza; Ghavamizadeh, Mehdi

13. Title: Protective effect of jaft against carbendazim induced biochemical changes in male Wistar rats

Journal ,VOL,NO: *Journal of Medicine and Life*. 2015; 8(Spec Iss 3): 96–100 **Authors :** A Mirzaei, S Sepehri, H Sadeghi,^{*} and A Alamdari^{*}

14. Title: Nutrition in children with epilepsy

Journal ,VOL,NO: International journal of pharmaceutical research . Vol, <u>2018,vol 10 issue 04885</u>, <u>P:215-217</u>

Authors : Asieh Makari, Marziyeh Moeinifard, Somayeh Aghaee, Ali Mirzaei, Zari

Ravandi

15. Title: Hepatoprotective Activity Of Hydro- Alcoholic Extracts Of Iranian Teucrium

Polium

Journal ,VOL,NO: World Journal of Pharmaceutical Research Vol 3, Issue 4, 2014.p1331-9

Authors : Parna Zahra, Mirzaei Ali

16. Title: Protective Effects Of Lippia Citriodora On Acetic Acid Induced Ulcerative Colitis In Rats

Journal, VOL, NO: World Journal of Pharmacy and Pharmaceutical Sciences Vol 3, Issue 10, 2014, p211-221 **Authors :** Roya Hassan pour, *Mirzaei Ali

17. Title: Cytoprotective Potential of Jaft Extract on Hepatic Ischemia-Reperfusion Injury in Rat

Journal ,VOL,NO: Nautilus, Vol:128; Issue 2(No:1) May 2014: 134-139 Authors : Mirzaei Ali, Ghazizadeh Lieli, Mirzaei Nooshin, Akbartabar Toori Mehdi

18. Title: Gastroprotective Effects of Ziziphus nummularifolia on Hcl/Ethanol-Induced

Gastric Damage in Rats

Journal, VOL, NO: Life Science Journal 2014;11(9s) ,p509-13 Authors : Mirzaei A, Shariati A*, Ghavamizadeh M

19. Title: Protective effects of jaft extract on acetic acid induced ulcerative colitis in rats

Journal ,VOL,NO: Research Journal of Pharmaceutical ,Biological and Chemical Sciences , 6(3) 2015, Vol <u>6(3) 2015.</u>1211-1216 Authors : Jafari K , Mirzaei A, Ghavamizadeh M 20. Title: Antioxidant Activity and Hepatoprotective Potential of Artemisia aucheri in Rat

Journal ,VOL,NO: Indian Journal of Science and Technology, Vol 8(12), 2015,1-8 **Authors :** Mehdi Ghavamizadeh and Ali Mirzaei

21. Title: Hepatoprotective Effect and Antioxidant Activity of Aqueous Cherry Extract on Rats

Journal ,VOL,NO: Indian Journal of Science and Technology, Vol 8(22), September 2015,1-5 **Authors :** A. Mirzaei * and M. T. Rezanejad

22. Title: Effects of Chronic Ethanol Consumption on Biochemical Parameters and Oxidative

Stress on Rat

Journal ,VOL,NO: Indian Journal of Science and Technology 8(25) · October 2015,1-5 **Authors :** <u>Ali Mirzaei</u>, Alikaram Alamdari, Nooshin Mirzaei

23. Title: Comparison of IL-13 and IL-27 levels between schizophrenics and healthy subjects

before and after antipsychotic administration

Journal ,VOL,NO: International Journal of Medical Research & Health Sciences, 2016, 5, 9S:654-661

Authors : Ali Alidadi , Hossein Ali Khazaei , Babak Nakhjavan Shahraki , Salar Andarzi , Arman Jalili , Ali Mirzaei *, Ali Shahraki , Salah Hajinejad and Seyed Mehdi Hashem

24.

1.Mirzaei N and <u>Mirzaei A</u>*. Acute and chronic toxicity of iranian*jaft*an oak fruit component. International Journal of Biology, Pharmacy and allied sciences, 2013, 2(3): 610-619.

2. Mirzaei N and <u>Mirzaei A</u>*. Antioxidant and antimutagenic property of iranian oak and walnut plants. International Journal of Biology, Pharmacy and allied sciences, 2013, 2(3): 620-629.

3.Ghahramanifar m, mirzaeiMahsa, mirzaei Ali *and kazemi m. Cytotoxicity and antimutagenicity
 screening of 5 iranian medicinal plants using *artemiaurmiana* and ames test. International Journal of
 Biology, Pharmacy and allied sciences, 2013, 2(3): 654-664.

4. MahsaMirzaei and <u>Ali Mirzaei</u>*.Comparison of the *Artemiasalina* and *Artemiauramiana* bioassays
 for toxicity of 4 Iranian medicinal plants.*International Research Journal of Biological Sciences*.2013;
 2(3): 49-54.

5. Mehdi AkbartabarToori, MahsaMirzaei, NooshinMirzaei, Prasad Lamrood and <u>Ali Mirzaei*</u>
00. Antioxidant and hepatoprotective effects of the internal layer of oak fruit (Jaft). Journal of Medicinal Plants Research 2013; l. 7(1): 24-28.

6.<u>AliMirzaei</u>, MahsaMirzaei. The Effects of Adding Milk on Antioxidant Activities of Green and Black Tea. Bull. Env. Pharmacol. Life Sci., 2013; 2 (5): 37-42.

7.<u>Ali Mirzaei</u>, Mehdi AkbartabarToori*, NooshinMirzaei ,Reza GhafarianShirazi.Antioxidant,
 Antimicrobial and Antimutogenic Potential of 4 Iranian Medicinal Plants. Life Science Journal 2013;10(7s):1085-91.

8.<u>Ali Mirzaei</u>, NooshinMirzaei, Majid amouei, SeyedAbdolmajidKhosravani, ZeynabSalehpour. Toxicity of *Tecuriumpolium*extract using micronucleus and biochemical analysis in *Oncorhynchusmykiss*fish. Life Science Journal 2013;10(7s):1102-8.

<u>Ali Mirzaei</u>, Nooshin Mirzaei1, Zeynab Salehpour1, SeyedAbdolmajidKhosravani, Majid Amouei.
 Phenolic, ascorbic Contents and Antioxidant activities of 21 Iranian Fruits.Life Science Journal 2013;10(7s):1240-45.

10.<u>Ali Mirzaei</u>, MahsaMirzaei, SeyedAbdolmajidKhosravani, ZeynabSalehpour.Radical Scavenging
 Potential of *Iranian QuercusBrantii and JuglansRegia*. Life Science Journal 2013;10(7s):1246-50.

11. <u>Ali Mirzaei</u>, MahsaMirzaei. The Effects of Adding Milk on Antioxidant Activities of Green

and Black Tea. Bull. Env.Pharmacol.Life Sci., Vol 2 (5) April 2013: 37-42.

12. Ali Mirzaei, Raheleh Khatami. Antioxidant and Iron Chelating Activity of *Coriander sativum* and *Petroselinum crispum*. Bull. Env. Pharmacol. Life Sci., Vol 2 (7) June 2013: 27-31.

13.AmrollahRoozbehi, Mohammad TaghiJoghataie, Mehdi Mehdizadeh, <u>Ali Mirzaei</u>, and HamdollahDelaviz. The Effects of Cyclosporin-A on Functional Outcome and Axonal. Regrowth Following Spinal Cord Injury in Adult Rats.*ActaMedicaIranica*, 2012; 50(4): 226-232.

. 14.AliMirzaei, NargesNikpayHosseinabad, MojtabaAbbasi, Reza GhafarianShirazi, NooshinMirzaei. IronChelating potential of *Zatariamultiflora* and *Matricariachamomilla* on Thalassemic Serums *in Vitro* model. *Life Sci J* 2013;10(9s): 230-235](ISSN:1097-8135).

15. Ali Mirzaei, MahsaMirzaei. Anti-Inflammation and Iron Chelating Potential of 5 Iranian Decoctions.International Medical Journal. 2014; 21: 1 - 4.

16. Ali Mirzaei, NooshinMirzaei, Shilamoshrefi. Anti-diarrheal Activity of Iranian Jaft Extract on Experimental Rats. NAUTILUS.2014; 128: 76-81.

17. Samira Ildashti , Ali Mirzaei, Ali Akbar Abulfathei .Comparison of green and black tea antioxidant activity with lippiacitriodora. world journal of pharmacy and pharmaceutical sciences. 2013; 3: 942-950.

18. Mirzaei Ali, GhazizadehLieli, MirzaeiNooshin, AkbartabarToori Mehdi. Cytoprotective Potential of Jaft Extract on Hepatic Ischemia-Reperfusion Injury in Rat.NAUTILUS. 2014; 128: 134-139

19. Mirzaei Ali, MirzaeiNooshin .Comparison of antioxidant activity and phenolic content of garlic, leek and onion vegetables in different cooking methods. world journal of pharmacy and pharmaceutical sciences. 2014; 3: 1155-1164.

20. Mirzaei A, Shariati A, Ghavamizadeh M .Gastroprotective Effects of Ziziphusnummularifolia on Hcl/Ethanol-Induced Gastric Damage in Rats. Life Science Journal 2014 ;11(9s)

21. Roya Hassan pour, *MirzaeiA.Protective effects of lippiacitriodora on acetic acid induced ulcerative colitis in rats. world journal of pharmacy and pharmaceutical sciences. 2014; 3: 211-221.

22. SakinehGholami, Ali Mirzaei, SharebanooOryan ,and Sayed EbrahimHosseini. The effect of rhubarb extracts on lipid profile and oxidative stress in wistar male rats. Annals of Biological Research. 2014; 5 (9):26-30

23. Samira Ildashti, *Ali Mirzaei. Antioxidant activity of lippiacitriodora as a new beverage and some iranian brand tea. World Journal of Pharmaceutical Research.2014; 3: 1320-1330.

24. SakinehGholami, Ali Mirzaei, SharebanooOryan ,and Sayed EbrahimHosseini . Hepatoprotective activity of hydro- alcoholic extracts of iranianteucriumpolium. 2014;3: 1331-1339.

25. Ali Mirzaei, HamdollahDelaviz, Hamidreza Mohammad .The effects of cooking methods on antioxidant activity and phenol content in vegetables. world journal of pharmacy and pharmaceutical sciences. 2014; 3: 242-252.

26. TayyebehGhaedi ,AliMirzaei,&BehzadLaameerad. Protective effect of pistaciakhinjuk on gentamicin-induced nephrotoxicity in rats.world journal of pharmacy and pharmaceutical sciences. 2013 ; 3: 919-926.

27. Ali Mirzaei, Mohammad Satarifar, FaridehBadakhshanZadeh antioxidant activities of iranian bitter vetch in different methods. world journal of pharmacy and pharmaceutical sciences. 2014; 3: 186-193.

28. Reza Maleki, Ali Shariati, NooshinMirzaei, Ali Mirzaei .Prevalence of beta thalassemia minor, iron deficiency and glucose-6-phosphate dehydrogenase deficiency in Iranian boy's primary schools in Yasuj. Life Science Journal 2014;11(9s)

29. MadinehZahediZadeh, Ali Mirzaei, Mohammad, Fazilati. Effects of hydro-alcoholic extract of medicago sativa on the chemical burn injuries in rats. world journal of pharmacy and pharmaceutical sciences. 2013;3: 910-918.

30. Comparison of osteogenic differentiation potential of induced pluripotent stem cells on 2D and 3D Polyvinylidene fluoride scaffolds

31. Bladder smooth muscle cell di electrospun Poly(lactide-co-glycolide) nanofibrous structure fferentiation of the human induced p

32. Rapid and green synthesis of cadmium telluride quantum dots with low toxicity based on a plantmediated approach after microwave and ultrasonic assisted extraction: Synthesis, characterrization, biological potentials and comparison study

33. Microwave assisted extraction as an efficient approach for biosynthesis of zink oxide nanoparticles: synthesis, characterization, and biological properties

34. Effects of Pistacia Atlantica Extract on Erythrocyte Membrane Rigidity, Oxidative Stress, and Hepatotoxicity Induced by CCl4 in Rats.

35. The Effects of Medicago Sativa and Allium Porrum on Iron Overload in Rats

36. Cytotoxic and Genotoxic Effects of Artemisia aucheri with Different Extracts on Allium cepa L

37. Anti-Inflammation and Iron Chelating Potential of 5 Iranian

38. Effect of rhubarb extract on lipid profile and oxidative stress in wistar male rats

39. Nephro-Protective Effects of Origanum Vulgare HydroAlcoholic Extract against Gentamicin-Induced Nephrotoxicity in Rats.

40. Antioxidant Effect Of Pistachio Khinjuk On Alkali Injury Of Rabbit's Eye Cornea

41. protective effect of jaft against carbendazim induced biochemical changes in male Wistar rats

42. Nutrition in children with epilepsy

43. Hepatoprotective Activity Of Hydro- Alcoholic Extracts Of Iranian Teucrium Polium

44. Comparison Of Antioxidant Activity And Phenolic Content Of Garlic, Leek And Onion Vegetables In Different Cooking Methods

45. The Effects Of Pistacia Atlantica On Testosterone- Induced Benign Prostatic Hyperplasia In Rats

46. The Effects Of Cooking Methods On Antioxidant Activity And Phenol Content In Vegetables

47. Protective Effects Of Lippia Citriodora On Acetic Acid Induced Ulcerative Colitis In Rats

48. Antioxidant Activities Of Iranian Bitter Vetch In Different Methods

49. Cytoprotective Potential of Jaft Extract on Hepatic Ischemia-Reperfusion Injury in Rat

50. Gastroprotective Effects of Ziziphus nummularifolia on Hcl/Ethanol-Induced Gastric Damage in Rats

51. Protective effects of jaft extract on acetic acid induced ulcerative colitis in rats

52. Antioxidant Activity and Hepatoprotective Potential of Artemisia aucheri in Rat

53. Hepatoprotective Effect and Antioxidant Activity of Aqueous Cherry Extract on Rats

54. Effects of Chronic Ethanol Consumption on Biochemical Parameters and Oxidative Stress on Rat

55. Comparison of IL-13 and IL-27 levels between schizophrenics and healthy subjects before and after antipsychotic administration

56. Dietary Steroid Supplements Effect on Biochemical Parameters in Male Bodybuilder

57. Antioxidant and Anti-Inflammatory Potential of Iranian Chicken Broth