

Curriculum Vitae

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Personal History

First Name: Akram

Last Name: Ranjbar

Academic Rank: Professor of Toxicology & Full member of SOT

Place of birth: Malayer, Hamedan Province, Iran

Family status: Married

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Department of Pharmacology and Toxicology, School of Pharmacy, Hamadan University of Medical Sciences, Hamadan, Iran.

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Academic Profiles

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

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PhD Thesis

Mohammad Abdollahi, Mohammad Hossein Ghahremani, Mohammad Sharifzadeh, Abolfazl Golestani, Mahmood Ghazi- Khansari, Maryam Baeeri, Akram Ranjbar (2010), Protection by pentoxifylline of malathion-induced toxic stress and mitochondrial damage in rat brain. Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran.

MSs Thesis

Parvin Pasalar, Mohammad Abdollahi, Akram Ranjbar. (2002), Induction of oxidative stress and acetylcholinesterase inhibition in organophosphorous pesticide manufacturing workers. Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran.

Research Interests

Biochemical toxicology (Oxidative Stress & Antioxidant Therapy)

Mechanisms of chemical toxicity

Pesticides

In vitro & In vivo toxicity

Nanotoxicology

Mycotoxins

Awards & Honors

- 1- Best Lecturer in Hamadan University of medical sciences.2013 and 2017
- 2- The best Researcher in Hamadan University of medical sciences.2015
- 3- The best Researcher in Hamadan University of medical sciences.2016
- 4- The best Researcher in Hamadan University of medical sciences. 2020

Employments

1. Lecturer (Instructor), Arak University of Medical Sciences, November 23, 2001 to September 30 2005
2. Lecturer (Assistance professor), Arak University of Medical Sciences, November 23, 2009 to March 22, 2011.
3. Lecturer (Assistance professor), Hamadan University of Medical Sciences, April 9, 2011 to February 18, 2015.
4. Lecturer (Associate professor), Hamadan University of Medical Sciences, February 18, 2015 to October 5, 2019
5. Lecturer (Professor), Hamadan University of Medical Sciences, October 5, 2019 to present.

Educational History

1. PhD in Toxicology, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran; 2005 – 2009.

2. Master of Sciences in Toxicology, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran; 1997 – 2001

3. Bachelor of Sciences in Biology, Faculty of Science, Tehran University, Tehran, Iran; 1992 – 1996.

Language qualifications

Persian (Native)

English (Fluent)

Professional History

1. Manager in charge of Student Research Committee, Hamadan University of Medical Sciences, Hamadan, Iran; December 2012 to April, 2014.
2. Manager in charge of Student Research Committee, Arak University of Medical Sciences, Arak, Iran; November 2002 to September 2005

Books

1. Introduction of nanotoxicology, Hamadan university of Medical Sciences publication, 2013, Hamadan, Iran.
2. Plant Poisoning. Noredanesh Publications; 2014, Tehran, Iran.

Publications

A. RANJBAR, M. JAMSHIDI, S. TORABI. Molecular modelling of the antiviral action of Resveratrol derivatives against the activity of two novel SARS CoV-2 and 2019-nCoV receptors. European Review for Medical and Pharmacological Sciences 2020; 24: 7834-7844

Masoud Shafiee Motlagh, Rostam Golmohammadi, Mohsen Aliabadi, Javad Faradmal, Akram Ranjbar. Acoustic Problems and Their Solutions in a Typical Open-Plan Bank Office Ergonomics in Design, vol. 28, 1: pp. 24-32 , 2020.

Maryam Farokhzad. , Akram Ranjbar, Nejat Kheiripour, Alireza Soltanian, Mohammad Javad Assari. Potential in the diagnosis of oxidative stress biomarkers in noninvasive samples of urine and saliva and comparison with serum of persons exposed to crystalline silica. International Archives of Health Sciences. Volume 7 | Issue 2 | April-June 2020.

Noushin Rezaei Vandchali, Ali Koolivand, Akram Ranjbar, Parvin Zarei, Mojtaba Fathi, Sheida Malekafzali, Nargess Mollamohammadi, Farideh Jalali-Mashayekhi. Oxidative toxic stress and p53 level in healthy subjects occupationally exposed to outdoor air Pollution – a cross-sectional study in Iran. *Annals of Agricultural and Environmental Medicine*. 2020.

Tavoosi, Shima; Baghsheikhi, Amir H.; Shetab-Boushehri, Seyed Vahid; Navaei-Nigjeh, Mona; Sarvestani, Nazanin Namazi; Karimi, Mohammad Yahya; Ranjbar, Akram; Ebadollahi-Natanzi, Alireza; Hosseini, Asieh. Cerium and Yttrium Oxide Nanoparticles and Nano-selenium Produce Protective Effects Against H₂O₂-induced Oxidative Stress in Pancreatic Beta Cells by Modulating Mitochondrial Dysfunction. *Pharmaceutical Nanotechnology*, Volume 8, Number 1, 2020, pp. 63-75(13)

Adel Sepanjnia, Hassan Ghasemi, Roohollah Mohseni, Akram Ranjbar, Fatemeh Shabani, Fouzieh Salimi, Nejat Kheiripour. Effect of Cerium Oxide Nanoparticles on Oxidative Stress Biomarkers in Rats' Kidney, Lung, and Serum. Volume 24, Issue 4 (7-2020).

Mahjub, Reza; Najafabadi, Farzane K.; Dehkhodaei, Narges; Kheiripour, Nejat; Ahmadabadi, Amir N.; Asl, Sara S.; Taheri-Azandariani, Masomeh; Ranjbar, Akram. Eudragit L-100 Capsules Aromatize and Quaternize Chitosan for Insulin Nanoparticle Oral Delivery During Toxic Oxidative Stress in Rat Liver and Kidney. *Pharmaceutical Nanotechnology*, Volume 8, Number 3, 2020.

Akram Ranjbar, Negar Mehri, Hassan Ghasemi, Dara Dastan, Farzaneh Kazemi Najafabadi, Narges Dehkhodaei, Nejat Kheiripour. Evaluation of the Protective Effects of Hydroalcoholic Extract of *Satureja avromanica* Against Malathion-induced Oxidative Stress in the Liver: An Experimental Study. *Pharmaceutical and Biomedical Research*, Volume 6 issue (1). 2020.

Nejat Kheiripour, Behnam Alipoor, Akram Ranjbar, Yasin Pourfarjam, Farzaneh Kazemi Najafabadi, Narges Dehkhodaei, Masoumeh Farhadiannezhad, Hassan Ghasemi. The effects of synthetic orally administrated insulin nanoparticles in comparison to injectable insulin on the renal function markers of type 1-diabetic rats. *Iran J Basic Med Sci*, Vol. 23, No. 6, Jun 2020.

Saeed Afzali, Manoochehr Karami, Nejat Kheiripour, Akram Ranjbar. Investigating the Effect of Fresh Frozen Plasma and Albumin on DNA Damage and Oxidative Stress Biomarkers in Poisoning Cases by Organophosphates. *Drug Research*, 2020.

Nejat Kheiripour, Zahra Khodamoradi, Akram Ranjbar, Shiva Borzouei. The positive effect of short-term nano-curcumin therapy on insulin resistance and serum levels of afamin in patients with metabolic syndrome. *Avicenna Journal of Phytomedicine*, 2020.

Tayebe Artimani Siamak Shahidi, Akram Ranjbar, Alireza Komaki, Iraj Salehi, Iraj Amiri, Sara Soleimani Asl. Treadmill exercise enhances the promoting effects of preconditioned stem cells on memory and neurogenesis in A β -induced neurotoxicity in the rats. *Life Sciences* Volume 249, 15 May 2020.

Hosseini-Ghalibaf, Seyyede-Nadia; Ranjbar, Akram; Yasrebifar, Fatemeh; Mirzaei, Ehsan; Mirjalili, Mahtabalsadat; Mohammadi, Younes; Mehrpooya, Maryam. Effect of Coenzyme Q10 Supplementation on

Urinary and Salivary Oxidative Stress Biomarkers in Bipolar Patients During the Depressive Episode. The Natural Products Journal, Volume 10, Number 5, 2020.

Farzin Firozianab, Safoura Karami, Akram Ranjbar, Masoumeh Taheri, Azandaryanie Amir Nili-Ahmadabadi. Improvement of therapeutic potential N-acetylcysteine in acetaminophen hepatotoxicity by encapsulation in PEGylated nano-niosomes. Life Sciences Volume 255, 15 August 2020.

Davoud Ahmadimoghaddam, Reihaneh Sadeghian, Akram Ranjbar, Zohreh Izadidastenaeei, Saeed Mohammadi. Antinociceptive activity of Cnicus benedictus L. leaf extract: a mechanistic evaluation. Research in Pharmaceutical Sciences, October 2020; 15(5): 463-472

Akram Ranjbar . Leila Gholami . Hassan Ghasemi . Nejat Kheiripour. Effects of nano-curcumin and curcumin on the oxidant and antioxidant system of the liver mitochondria in aluminum phosphide-induced experimental toxicity. Nanomed. J.7(1): 58-64, Winter 2020.

Ali Heshmati, Sabah Ghadimi, Akram Ranjbar, Amin Mousavi Khaneghah. Assessment of processing impacts and type of clarifier on the concentration of ochratoxin A in pekmez as a conventional grape-based product. LWT Volume 119, February 2020

Negar Mehri & Rasool Haddadi & Maziar Ganji & Siamak Shahidi & Sara Soleimani Asl & Masoumeh Taheri Azandaryani & Akram Ranjbar. Effects of vitamin D in an animal model of Alzheimer's disease: behavioral assessment with biochemical investigation of Hippocampus and serum. Metabolic Brain Disease. 2020. 35:263-274.

Ali Heshmati¹ & Sabah Ghadimi¹ & Akram Ranjbar & Amin Mousavi Khaneghah. The influence of processing and clarifier agents on the concentrations of potentially toxic elements (PTEs) in pekmez (a grape molasses-like syrup). Environmental Science and Pollution Research. 2020.

Shima Tavoosi, Amir Hossein Baghsheikhi, Seyed Vahid Shetab-Boushehri, Mona Navaei-Nigjeh, Nazanin Namazi Sarvestani, Mohammad Yahya Karimi³, Akram Ranjbar, Alireza Ebadollahi-Natanzi and Asieh Hosseini,* Cerium and Yttrium Oxide Nanoparticles and Nano-selenium. Produce Protective Effects Against H₂O₂-induced Oxidative Stress in Pancreatic Beta Cells by Modulating Mitochondrial Dysfunction. Pharmaceutical Nanotechnology, 2019, 7, 1-13.

Maryam Farokhzad, Akram Ranjbar, Farshid Ghorbani Shahna, Maryam Farhadian and Mohammad Javad Assari . Blood Oxidative Stress Levels in Workers Exposed to Respirable Crystalline Silica in the West of Iran. Health Scope. 2019 November; 8(4):e85622.

Mohammadmahdi Sabahi , Sara Ami Ahmadi , Reza Mahjub , Akram Ranjbar. Oxidative Toxicity in Diabetes mellitus: Role of Nanoparticles and Future Therapeutic Strategies. Oxidative Toxicity in Diabetes mellitus: Role of Nanoparticles and Future Therapeutic Strategies. Precis. Nanomed. 2019 October; 2(4):382-392.

Alireza Gharebaghi, Akram Ranjbar, Tayebe Artimani⁴, Banafsheh Mirzaeiseresht⁴, Sara Soleimani Asl. The effect of cerium oxide nanoparticles on memory impairment and antioxidant capacity in streptozotocin-induced diabetic rats. Physiol Pharmacol 23 (2019) 183-188.

Abolfazl Ghafouri-Khosrowshahi, Akram Ranjbar, Leila Mousavi, Hossein Nili-Ahmadabadi, Fatemeh Ghaffari^{1,3}, Hamed Zeinvand-Lorestani, Amir Nili-Ahmadabadi. Chronic exposure to organophosphate pesticides as an important challenge in promoting reproductive health: A comparative study. 2019 Journal of Education and Health Promotion.

Asieh Hosseini, Danyal Rasaie, Sara Soleymani Asl, Amir Nili Ahmadabadi & Akram Ranjbar. Evaluation of the protective effects of curcumin and nanocurcumin against lung injury induced by sub-acute exposure to paraquat in rats. *Toxin Reviews*; 2019:1-8.

Masoud Ghiasian Forough Khamisabadi Nejat Kheiripour Manouchehr Karami Rasool Haddadi Ali Ghaleiha Babak Taghvaei Seyed Sajad Oliiae Mohammadjavad Salehi Pouria Samadi Akram Ranjbar. Effects of crocin in reducing DNA damage, inflammation, and oxidative stress in multiple sclerosis patients: A double-blind, randomized, and placebo-controlled trial. *J Biochem Mol Toxicol*. 2019:1-6.

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Leila Jahangard • Fatemeh Yasrebifar • Mohammad Haghighi • Akram Ranjbar • Maryam Mehrpooya. Influence of adjuvant Coenzyme Q10 on inflammatory and oxidative stress biomarkers in patients with bipolar disorders during the depressive episode. *Molecular Biology Reports*. 2019.

Ghazal Hashemi, Mahtabalsadat Mirjalili, Zahra Basiri, Ahmad Tahamoli-Roudsari, Nejat Kheiripour, Maryam Shahdoust⁵, Akram Ranjbar⁶, Maryam Mehrpooya^{1,*} and Sara Ataei. A Pilot Study to Evaluate the Effects of Oral N-Acetyl Cysteine on

Inflammatory and Oxidative Stress Biomarkers in Rheumatoid Arthritis *Current Rheumatology Reviews*, 2019, 15, 246-253

Shateri H, Ranjbar A, Kheiripour N, Ghasemi H, Pourfarjam Y, Habibitabar E, Gholami H, Moridi H. Tempol improves oxidant/antioxidant parameters in testicular tissues of diabetic rats. *Life Sci*. 2019 Mar 15; 221:65-71.

Ali Heshmatia, Sabah Ghadimia, Akram Ranjbar, Amin Mousavi Khaneghahb Changes in aflatoxins content during processing of pekmez as a traditional product of grape. *LWT* Volume 103, April 2019, Pages 178-185.

Akram Ranjbar, Ali Heshmatia, Javad Karami, Momtaz Aliasghar, Vahidinia. Effect of iron-enrichment on the antioxidant properties of wheat flour and bread. *Journal of Cereal Science* Volume 87, May 2019, Pages 98-10

Masoud Shafiee Motlagh, Rostam Golmohammadi, Mohsen Aliabadi, Javad Faradmal, Akram Ranjbar. Acoustic Problems and Their Solutions in a Typical Open-Plan Bank. *Ergonomics in Design*: 2019.

Seyed Abdolhakim Hosseini¹ • Masoud Saidijam¹ • Jamshid Karimi. Reza Yadegar Azari¹ • Vahede Hosseini³ Akram Ranjbar. Cerium Oxide Nanoparticle Effects on Paraoxonase-1 Activity and Oxidative Toxic Stress Induced by Malathion: A Potential Antioxidant Compound, Yes or No? *Indian Journal of Clinical Biochemistry*. 6 June 2018.

Seyed Abdolhakim Hosseini Masoud Saidijam Jamshid Karimi Reza Yadegar Azari Vahede Hosseini Akram Ranjbar Saberi Firouzi S, Namazi Sarvestani N, Bakhtiaran A, Ghazi Khansari M, Karimi MY, Ranjbar A, Safa M, Hosseini A. Sildenafil protective effects on high glucose-induced neurotoxicity in PC12 cells: the role of oxidative stress, apoptosis, and inflammation pathways in an in vitro cellular model for diabetic neuropathy. *Neurol Res*. 2018 Aug;40(8):624-636.

Moridi H, Hosseini SA, Shateri H, Kheiripour N, Kaki A, Hatami M, Ranjbar A. Protective effect of cerium oxide nanoparticle on sperm quality and oxidative damage in malathion-induced testicular toxicity in rats: An experimental study. *Int J Reprod Biomed (Yazd)*. 2018 Apr;16(4):261-266.

Nili-Ahmadabadi A, Ali-Heidar F, Ranjbar A, Mousavi L, Ahmadimoghaddam D, Larki-Harchegani A, Ghafouri-Khosrowshahi A. Protective effect of amlodipine on diazinon-induced changes on oxidative/antioxidant balance in rat hippocampus. *Res Pharm Sci*. 2018 Aug;13(4):368-376.

Hashemi G, Mirjalili M, Basiri Z, Tahamoli-Roudsari A, Kheiripour N, Shahdoust M, Ranjbar A, Mehrpooya M, Ataei S. Evaluating the Effects of Oral N-Acetyl Cysteine on Inflammatory and Oxidative Stress Biomarkers in Rheumatoid Arthritis. *Curr Rheumatol Rev*. 2018 Sep 25

Nili-Ahmadabadi A, Alibolandi P, Ranjbar A, Mousavi L, Nili-Ahmadabadi H, Larki-Harchegani A, Ahmadimoghaddam D, Omidifar N. Thymoquinone attenuates hepatotoxicity and oxidative damage caused by diazinon: an in vivo study. *Res Pharm Sci*. 2018 Dec;13(6):500-508

Ranjbar A, Vakilian K Lipid peroxidation, thiol groups, and total antioxidant capacity in mothers in natural vaginal delivery with and without Entonox: A cohort study. *Interv Med Appl Sci*. 2018 Dec;10(4):207-209.

Ranjbar A, Soleimani Asl S, Firozian F, Heidary Dartoti H, Seyedabadi S, Taheri Azandariani M, Ganji M. Role of Cerium Oxide Nanoparticles in a Paraquat-Induced Model of Oxidative Stress: Emergence of Neuroprotective Results in the Brain. *J Mol Neurosci*. 2018 Nov;66(3):420-427

Rozhin Ghadermazi, Farhad Khoshjou, Seyed Mostafa Hossini Zijoud, Hamid Behrooj, Nejat Kheiripour, M Ganji, H Moridi, M Mohammadi, A Ranjbar. Hepatoprotective effect of tempol on oxidative toxic stress in STZ-induced diabetic rats *Toxin reviews*. 2018:37.

Katayon Vakilian, Akram Ranjbar. Comparison of Cesarean Section and Normal Vaginal Delivery Using Entonox Inhalation in Terms of Oxidative Stress Indices in Newborns and Mothers. *International Journal of Women's Health and Reproduction Sciences*. January 2018, 75–79.

Ranjbar A, Kheiripour N, Ghasemi H, Seif Rabiei MA, Dadras F, Khoshjou F. Antioxidative Effects of Tempol on Mitochondrial Dysfunction in Diabetic Nephropathy. *Iran J Kidney Dis*. 2018 Mar;12(2):84-90.

Saberi Firouzi S¹, Namazi Sarvestani N², Bakhtiaran A¹, Ghazi Khansari M¹, Karimi MY³, Ranjbar A⁴, Safa M⁵, Hosseini A³. Sildenafil protective effects on high glucose-induced neurotoxicity in PC12 cells: the role of oxidative stress, apoptosis, and inflammation pathways in an in vitro cellular model for diabetic neuropathy. *Neurol Res*. 2018 Apr 6:1-13. doi: 10.1080/01616412.2018.1458813. [Epub ahead of print]

Mohammad Sharifzadeh, Akram Ranjbar , Asie Hossini, Mahnaz Khanavi. The effect of green tea extract on oxidative stress and spatial learning in Streptozotocin-diabetic rats. Iranian Journal of Pharmaceutical Research (2017), 16 (1):201-209.

Fatemeh Shobeiri, Akram Ranjbar, Faegheh Gol Alizadeh, Mansour Nazari. SALIVARY, PLASMA AND CORD BLOOD OXIDATIVE STRESS BIOMARKERS IN MOTHER AND NEONATE: A COMBINED ANALGESIA CONCERN. JPMI;2017: VOL. 31 NO. 1

Nilofar Amidi, Shirin Moradkhani, Mahsa Sedaghat, Nejat Khiripour, Amir Larki-archegani, Nahid Zadkhosh, Mahmoud Mirhoseini, Akram Ranjbar. Effect of green tea on inflammation and oxidative stress in cisplatin-induced experimental liver function. J HerbMed Pharmacol. 2016; 5(3): 99-102.

Fermix Nazari, Yegane Delborde, Zahra Karimitabar, Akram Ranjbar, and Mohammad Yosef Alikhani. Antioxidant Effect of Lactobacillus acidophilus as a Probiotic at Different Time Intervals. Avicenna J Clin Microb Infec. 2016 February; 3(1): e34575.

Negar Mehri, Hamed Felehgari, Amir Larki Harchegani, Hamid Behrooj, Nejat Kheiripour, Hassan Ghasemi, Mahmoud Mirhoseini, Akram Ranjbar. Hepatoprotective effect of the root extract of green tea against malathion-induced oxidative stress in rats. J HerbMed Pharmacol. 2016; 5(3): 116-119.

Akram Ranjbar, Hassan Ghasemi, Mahdi Hatami, Farahanaz Dadras, Tavakol Heidary Shayesteh Farhad Khoshjou. Tempol effects on diabetic nephropathy in male rats. J Renal Inj Prev. 2016; 5(2): 74-78

Mohammad Ehsan Rahiminejad, Amirhossein Moaddab, Maziar Ganji, Nika Eskandari, Ayele Donado, Soghra Rabiee, Meredith Wise, Rodrigo Ruano , Akram Ranjbar. Oxidative stress biomarkers in endometrial secretions: A comparison between successful and unsuccessful in vitro fertilization cycles. Journal of Reproductive Immunology xxx (2016) xxx-xxx

Amir Nili-Ahmadabadi,, Mahsa Sedaghat, Akram Ranjbar, Jalal Poorolajal, Hamid Nasiripour ,, Maryam Nili-Ahmadabadi. Journal of Applied Pharmaceutical Science Vol. 6 (07), pp. 049-052, July, 2016

Zadkhosh Nahid, Heidary Shayesteh Tavakol, Ghafori Khosroshahi Abolfazl, Mosavi Leila, Mehri Negar, Felegari Hamed, Ranjbar Akram. Protective role of green tea on malathion-induced testicular oxidative damage in rats. Asian Pacific Journal of Reproduction. 2016;5(1):...

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Human Lymphocytes. International Journal of Pharma Research and Health Sciences. Volume 3 (5), 2015, Page-857-861

Jamshid Karimi, Heidar Tavilani, and Akram Ranjbar. Ameliorative Effect of Pentoxifylline a Phosphodiesterase-5 on Acrolein Induced Oxidative Damage. Zahedan J Res Med Sci. 2015;17(9):e1060

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Hassan Ghasemi, Farshad Rostampour, Akram Ranjbar. The Role of Oxidative Stress in Metals Toxicity/ Mitochondrial Dysfunction as a Key Player. GMJ. 2014;3(1):2-13

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Fatemeh Ghahremanitamadon, Siamak Shahidi, Somayeh Zargooshnia, Ali Nikkha, Akram Ranjbar, and Sara Soleimani As. Protective Effects of *Borago officinalis* Extract on Amyloid β -Peptide(25–35)-Induced Memory Impairment in Male Rats: A Behavioral Study *BioMed Research International*. 2014. <http://dx.doi.org/10.1155/2014/798535>

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Ranjbar A, Reza Khani-Jazani, Alireza Sedighi, Farideh Jalali-Mashayekhi, Mahmood Ghazi-Khansari, Mohammad Abdollahi. Alteration of total body antioxidant capacity and thiol molecules in human chronic exposure to aluminum. *Toxicological & Environmental Chemistry* .2008;90(4): 707-713.

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Ranjbar A & et al. Oxidative stress in acute human poisoning with organophosphorous insecticides: a case control study. *Environmental Toxicology and Pharmacology*. 2005(20): 88-919.

Malekirad AA, Ranjbar A & et al. Oxidative stress in radiology staff. *Environmental Toxicology and Pharmacology*. 2005(20): 215-218.

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Ranjbar A & et al. Inductuon of oxidative stress in paraquat formulating workers. *Toxicology letters*. 2002 (131): 191-194.

Course Teaching

Pharm D Student:

Principles of Toxicology
Poisoning control

MSc in Toxicology Students:

Environmental Toxicology
Industrial Toxicology
Forensic Toxicology

PhD Student:

Advanced Toxicology
Notoxicology

Courses Certificates (Educational, Training, Research and Management)

1. Workshop on how to scientific writing. Hamadan University of Medical Sciences, Hamadan, Iran .2018 (Teacher).
2. Workshop on Experimental Design animal tests. Pharmaceutical Sciences Research Center. Tehran University of Medical Sciences, Tehran, Iran winter.2009.
3. Workshop on how to read paper. Tehran University of Medical Sciences, Tehran, Iran Janu.2008.
4. Workshop on Techniques in protein purification. Pastor institute. Tehran, Iran. Aug.2008
5. Workshop on PCR techniques. Faculty of Pharmacy. Tehran University of Medical Sciences, Tehran, Iran Dec.2007.
6. Workshop on Reference Manager. Tehran University of Medical Sciences, Tehran, Iran. Jan. 2006
7. Workshop on liver perfusion and biomarkers of hepatotoxicity. Faculty of pharmacy. Tehran University of Medical Sciences, Tehran, Iran. Aug. 2006.
8. Workshop on EBM, Critical thinking. Tehran University of Medical Sciences, Tehran, Iran. Dec .2006
9. Workshop of scientific writing, Arak University of Medical Sciences, Arak, May. 2005.
10. Workshop on the Education Process in Medical Sciences. Faculty of Health. Tehran University of Medical Sciences, Tehran, Iran, Dec. 2005
11. Workshop on animal research in laboratory. Arak University of Medical Sciences, Arak.Jan..2005.
12. Workshop on Research Methods in Medical Sciences, Arak University of Medical Sciences, Arak, Iran, Jan.2005.
13. Workshop clinical trial, Arak University of Medical Sciences, Arak, Iran. Aug. 2004.
14. Workshop on sampling in research, Arak University of Medical Sciences, Arak, Iran, May. 2004
15. Workshop on questionnaire design in Medical Sciences, Arak University of Medical Sciences, Arak, Iran, Jul.2004.
16. Workshop on kind of studying in research, Arak University of Medical Sciences, Arak, Iran, Feb. 2003.

Reviewing Activities

Editorial Board:

ROS Journal 2015-2018.
Hamadan university medical Journal 2018-Present
Pajouhan Scientific Journal 2017-2019
Herb Med J 2018- present
Avicenna Journal of Medical Biochemistry 2016-2018\

Peer Review Summary:

Performed 1000 reviews for journals and Congress

Journals:

Drug Research
Human and Exprimental Toxicology
Jundishapur Journal of Natural Pharmaceutical Products
Toxicology and Industrial Health
Journal of Immunopathology and Pharmacology
Koomesh
Annual Research Congress of Iranian Medical Sciences Students
Journal of Shahrekord University of Medical Sciences
Pajouhan Scientific Journal

Computer languages/ Environment

Reference Manager (EndNote, Mendeley)

Graph pad of prism

Microsoft Office

IBM SPSS statistic

Memberships

1. Full Member of SOT, (2020- present)
2. Member of vice chancellor for research, Hamadan University of Medical Sciences, Hamadan, Iran (2015-2017)
3. Member of Iranian Toxicology Society (2015-present)

Other Interests

Walking &Swimming
Baking & cooking; traditional foods
Art; knitting with yarn