

CURRICULUM VITAE
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GENERAL INFORMATION



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Education

<u>Institution</u>	<u>Location</u>	<u>Degree</u>	<u>Year</u>	<u>Major</u>
Tehran University of Medical Sciences, Tehran, Iran	Tehran, Iran	Postdoc	2020	Industrial Psychology
Pharmaceutical Sciences Research Center (PSRC), The Institute of Pharmaceutical Sciences (TIPS), Tehran University of Medical Sciences, Tehran, Iran	Tehran, Iran	Postdoc	2013	Neuropsychology &Environmental Toxicology

<u>Institution</u>	<u>Location</u>	<u>Degree</u>	<u>Year</u>	<u>Major</u>
Tabriz University	Tabriz, Iran	PhD	2011	Cognitive Neuroscience- Brain and Cognition
Islamic Azad University	Tehran, Iran	PhD	2009	Physiology
University of Payame Noor	Esfahan, Iran	Ms	2004	Physiology
University of Kharazmi	Tehran, Iran	Bs	1995	Biology

Manager

<u>Institution</u>	<u>Location</u>	<u>Position</u>	<u>Year</u>
Payame Noor University	Iran	Head of the Center for Specialized and Short-Term Training	2019-2022
Payame Noor University of Markazi Province	Markazi Province	President	2016- 2019
Tehran University of Medical Science Pharmaceutical Science Research Institute	Tehran	Industry and Society Consultant	2017-Present
Markazi Business Center	Markazi Province	Head of Research and Training of Business Center	2015-Present
Payame Noor University	Markazi Province	Research Manager	2014- 2016
Payame Noor University	Markazi Province	Chairman of the Advisory Committee	2014- 2019

Professional Profile

<u>Institution</u>	<u>Location</u>	<u>Title</u>	<u>Date</u>
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Mazendaran University of Medical Science	Mazendaran, Iran	Assistant Professor	Spring 2014-Fall 2014
Arak University of Medical Science College of Medicine	Arak, Iran	Assistant Professor-Associate professor	2012-present
Tehran University of Medical Science Pharmaceutical Science Research Center	Tehran	Assistant Professor	2011-present
Kerman University of Medical Science	Kerman, Iran	Assistant Professor	2011-2011
Tabriz University	Tehran, Iran	Instructor	Fall2008-present
Arak University	Arak, Iran	Assistant professor	2007-Present
Payame Noor University	Tehran, Esfahan, Arak, Shazand, Yazd, Iran	Instructor-Associate professor	2006-present
Azad Islamic University, College of Psychology and Biology	Arak, Semnan,Damghan, Farahan, Iran	Instructor- Assistant professor	2004-present

Full papers in the National and International journal

Fazli, D and **Malekirad, AA**. Protective Effects of Hydroalcoholic Extract of *Portulaca oleracea* on Oxidant and Antioxidant Factors in Male Rats with Bisphenol A-Induced Liver Toxicity. *Experimental animal Biology*.2022, 11 (2):23-31.

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Soleimani E, Tanha Z, **Malekirad AA**, D Kordestani. The role of life skills, sexual satisfaction, and love story in predicting marital conflicts of couples. *Medical journal of Mashhad university of medical sciences*,2022; 64 (4):2624-2634.

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Fathi A, Sadeghi S, **Malekirad AA**, Rostami H, and Abdolmohamadi K. Investigating the role of lifestyle dimensions promoting health and psychological well-being in covid-19 disease anxiety. Journal of Arak University of Medical Sciences. 2021;23 (5), 698-709.

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Soleimani H, **Malekirad AA**, Mohajerani HR, Akbari N. The Effect of Probiotic Dietary Supplementation on Ethanol-Induced White and Grey Matter Damage to the Brain in Male Wistar Rats. Journal of Police Medicine ,2022:11 (1), 0-0

Vahedi SN, Kheirkhah B, **Malekirad AA**, Hosseini SM. Association of selected polymorphisms in GPX4, COMT, pre-miR-125a, pre-miR-10a, and pre-miR-323b genes in Iranian women with idiopathic recurrent pregnancy loss: A case-control. International Journal of Reproductive BioMedicine,2022; 20 (2), 111-122

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GRANTS AND CONTRACTS Internal

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Evaluation of protective effect of hydro-alcoholic extract of Portulaca oleracea on the Bisphenol A-induced liver toxicity in male Wistar rats. Payame Noor University of Tehran.**Malekirad, AA. (PI)**. Grant period: 2019- 2020. Funding amount: \$4500

The comparison of functional and cognitive in bilingual and mono lingua I in high school. Arak payame Noor University. **Malekirad, A.A (Co-investigator)**. Grant period: 2016-2017. Funding amount: \$1000.

Investigating the Effect of Milk - Dodder on Emotional, Cognitive, Behavioral and Physical Components of Anxiety. Payame Noor University of Tehran. **Malekirad, AA. (PI)**. Grant period: 2016- 2018. Funding amount: \$1500

The relationship between blood pesticide residues and DNA damage in Farmers. **Malekirad, A.A (Co-Investigator)**. Tehran University of Medical Science, Institute for Environmental Research. Grant period: 2016-2017. Funding amount: \$6000.

Assessment of heavy metal content in water, soil and fruit produced in Markazi Province. Esfahan payame Noor university. **Malekirad, A.A (Co-investigator)**. Grant period: 2016-2017. Funding amount: \$2500.

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Heavy metal bioaccumulation in different fish species in the coast of the Persian Gulf, Iran. Esfahan Payame Noor University. **Malekirad, AA. (CO-Investigator)**. Grant period: 2015- 2016. Funding amount: \$2200

The Antioxidative Effect of *Melissa Officinalis* on the Patients with Multiple Sclerosis. Medicinal Faculty. **Malekirad, AA. (Co-PI)**. Grant period: 2015- July. Funding amount: \$2300

The Effects of Caffeine Supplements on Exercise-Induced Oxidative Damages. Islamic Azad University, Jiroft Branch. **Malekirad, AA. (CO-Investigator)**. Grant period: 2014- 2015. Funding amount: \$2500

Reviewing the lead and cadmium concentrations of Arak traffic officers and taxi drivers' blood in 2013, Iran. Mazandaran University of Medical Science. **Malekirad, AA. (CO-Investigator)**. Grant period: 2014- 2015. Funding amount: \$2000.

Effect of Acute and Short-Term Q10 Supplementation on Exercise-Induced Response of Oxidative, Inflammatory and Biochemical Markers in Peripheral Blood of Elite Male Cyclists. Sport Sciences Research Institute of IRAN. Ministry of Sciences, Research and Technology. **Malekirad, AA. (Co-Investigator)**. Grant period: 2013- 2014. Funding amount: \$5500

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Neurocognitive, mental, and glucose disorders in op-exposed farmers. Payame Noor University of Arak. **Malekirad, AA. (PI)**. Grant period: 2013- 2014. Funding amount: \$3000

Benefit of lemon verbena in healthy subjects; Targeting diseases associated with oxidative stress. Payame Noor University of Arak. **Malekirad, AA. (PI)**. Grant period: 2013- 2014. Funding amount: \$1000

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A study on oxidative stress, hematological and biochemical parameters in copper smelter workers. Sarcheshme Company. **Malekirad, AA. (Co-PI)**. Grant period: 2011- 2012. Funding amount: \$4000

Study Of Individual Identity and Religious Identity in Students Have Romantic Relationships with the Opposite Sex. Payame Noor University of Tabriz. **Malekirad, AA. (CO-Investigator)**. Grant period: 2011- 2012. Funding amount: \$3000.

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Effects of *Melissa officinalis* L. on oxidative status and biochemical parameters in occupationally workers to Aluminum exposed: A before after clinical trial. Payame Noor University of Tabriz. **Malekirad, AA. (CO-Investigator)**. Grant period: 2011- 2012. Funding amount: \$1000.

The Effect of *Nigella sativa* on oxidative stress. Islamic Azad University, Dorood Branch. **Malekirad, AA. (CO-Investigator)**. Grant period: 2010- 2011. Funding amount: \$1000.

Study of oxidative stress in farmer who's exposed to organophosphorous pesticide. Islamic Azad University, Arak Branch. **Malekirad, AA. (CO-Investigator)**. Grant period: 2010- 2011. Funding amount: \$2500.

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Examination of *Mentha pulegium* (khalwash) essential oil chemical composition from Guilan, Iran. Islamic Azad University, Arak Branch. **Malekirad, AA. (CO-Investigator)**. Grant period: 2007- 2008. Funding amount: \$1000

A Comparison of the total antioxidant capacity of serum and saliva in the type-1 diabetic patients. Arak University of Medical Sciences. **Malekirad, AA. (Co-PI)**. Grant period: 2003- July 2004. Funding amount: \$3000

The comparison of total antioxidant capacity of serum and saliva between patients with type-2 diabetes mellitus and control. Arak University of Medical Sciences. **Malekirad, AA. (Co-PI)**. Grant period: 2003- 2004. Funding amount: \$3300

PhD Dissertation

Yousefi Frad M (2019). Effect of Melatonin on Serum Levels of $\text{INF-1}\beta$, Vitamin B12, interleukin 1 beta ($\text{IL-1}\beta$) and tumor necrosis factor-alpha ($\text{TNF-}\alpha$) in Patients with Multiple Sclerosis: A

Randomized Controlled Trial. **Malekirad A.A (Supervisor)**. Islamic Azad University, Damghan Branch.

Ghasemi B (2017). Evaluation of heavy metals in perennial and annual green leafy vegetables that is more consumed in Markazi province. **Malekirad, A.A (Supervisor)**. Esfahan Payame Noor University.

Salehiforouz B (2017). The comparison of reproductive hormones and liver enzymes in coke oven workers and control group. **Malekirad A.A (Supervisor)**. Islamic Azad University, Shiraz Branch.

Bahrani-fard A (2017). The relationship between mental health, anxiety and depression with nurse's performance quality in agency staff. **Malekirad, A.A (Supervisor)**. Esfahan University, Shakhsh Pajoo Institute.

Yousefifard M (2017). Effects of Melatonin on patients with multiple sclerosis (MS). **Malekirad A.A (Supervisor)**. Islamic Azad University, Damghan Branch.

Hayati V (2017). Prioritizing the effective factors in urban crisis management against the flood in Khorramshahr. **Malekirad, A.A (Supervisor)**. Esfahan University, and Shakhsh Pajoo Institute.

Taghavian, F (2016). Comparative Toxicological Study and Quality of Life, Depression, Anxiety and Stress between Exposed and non-Exposed Farmers to Organophosphorus Pesticides. **Malekirad A.A (Supervisor)**. Islamic Azad University, Damghan Branch.

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PhD Dissertation Consultant

Nemati Vahedi S (2020). Evaluation Association of selective polymorphisms in GPX4, COMT, Pre-miR-125a, Pre-miR-10a and Pre-miR-323b genes in Iranian Women with idiopathic recurrent pregnancy Loss. **Malekirad A.A (Consultant)**. Islamic Azad University Sirjan Branch.

Nabiyouni F (2019). Hypoglycaemic and hypolipidemic activities of Alhagi camelorum in streptozotocin-induced diabetes in Wistar rats. **Malekirad A.A (Consultant)**. Islamic Azad University Damghan Branch.

Gerivani Z (2018). Optimization of Extraction and Pre-Concentration of Rizatriptan in Biological Samples Using Solvent Bar and Chemometrics Design. . **Malekirad A.A (Consultant)**. Islamic Azad University Arak Branch.

Ghafarizade A (2017) In vitro evaluation and comparison of different antioxidants effects including α -tocopherol, Melatonin, Selenium, L-Carnitine after antioxidant addition to seminal fluids of men with asthenoteratospermia in reduction of oxidative stress and improvement of semen analysis index. **Malekirad A.A (Consultant)**. Islamic Azad University, Damghan Branch.

Etemadian F (2017). The separate and combined effect of two-month concurrent training and caloric restriction on cell survival-related proteins in the peripheral blood of middle-aged men. **Malekirad, A.A (Consultant)**. Tabriz University.

Zarei, A (2016). A comparative study of the hypoglycemic and hypolipidemic activity of saliva Hydrangea in streptozotocin induced diabetic rats. **Malekirad, A.A (Consultant)**. Islamic Azad University, Damghan Branch.

MS Dissertation

Mesgaran M (2020). Determination of DNA damage, Oxidative stress and endocrine disorders in Farmers. **Malekirad, A.A (Supervisor)**. Islamic Azad University, Tehran Branch.

Safikhani S (2019). Determine effect of acute and short-term supplementation on exercise-induced response of oxidative, inflammatory and biochemical markers in peripheral blood of male swimmers. **Malekirad, A.A (Supervisor)**. Payame Noor University.

Yazdanpanah S (2018). General health and Neuropsychological disorders in patients with prostate cancer. **Malekirad, A.A (Supervisor)**. Payame Noor University

Farahani F (2018). The comparison of functional and cognitive in bilingual and mono lingual in high school **Malekirad, A.A (Supervisor)**. Islamic Azad University, Semnan Branch.

Bayati F (2018). Comparison of three groups of healthy, addicted, and treated in addiction treatment centers in the tendency towards high- risk sexual behaviors (HIV- related behavior). **Malekirad, A.A (Supervisor)** Islamic Azad University, Arak Branch.

Motaghi Kashani M (M). Effectiveness of the Schema treatment for essential disorder and marital conflict and the quality of life of women with drug use. **Malekirad, A.A (Supervisor)** Islamic Azad University, Arak Branch.

Foladi F (2017). The Effect of Melatonin on Fatigue and stress oxidative in Multiple Sclerosis. **Malekirad, A.A (Supervisor)**. Arak University of Medical Science.

Koshari Z (2017). The Effect of Melatonin on Sphincter Dysfunction in Multiple Sclerosis. **Malekirad, A.A (Supervisor)**. Arak University of Medical Science.

Sadeghikhansari S (2017). Effect of the Aqueous Extract Liver MPA Herbal Medicine on Liver Enzymes AST, ALT, ALP and FBS Patients with Type II Diabetes. **Malekirad, A.A (Supervisor)**. Payame Noor University

Nasiri G (2017). The Comparison of Personality Characteristics between Male and Female Prisoners Addicted to Psychoactive Drugs and Non-addicted Male and Female Prisoners in Arak. **Malekirad, A.A (Supervisor)**. Islamic Azad University, Arak Branch.

Jadidoleslam S (2017). Comparison of DNA damage in sperm of mens with teratozoospermia, astheno-teratozoospermia and oligo-astheno-teratozoospermia with normal sperm in Markazi province. **Malekirad, A.A (Supervisor)**. Islamic Azad University, Damghan Branch.

Nikpour H (2017). The Survey of relationship between oxidative stress and cognitive neuropsychological state in Multiple Sclerosis diseases. **Malekirad, A.A (Supervisor)**. Tehran Payame Noor University.

Haghanifar, Z (2016). The effect infusions of Melissa officinal, Cinnamomum zeylanicum, Terminalia chebula, Cynara scolymus, Silybum marianum and Cichorium intybus L, in patients with Type 2 diabetes. **Malekirad, A.A (Supervisor)**. Esfahan Payame Noor University.

Gholampour Garmjani M (2016). The Comparison of Personality Characteristics between Male and Female Prisoners Addicted to Psychoactive Drugs and Non-addicted Male and Female Prisoners in Ghazvin. **Malekirad, A.A (Supervisor)**. Tehran Payame Noor University.

Ahmadi Z (2016). The Impact of Academic Procrastination Management on Academic Self-Regulation and Test Anxiety. **Malekirad, A.A (Supervisor)**. Islamic Azad University, South Tehran Branch.

Babausof F (2016). The relationship between dysfunctional attitudes and self- esteem by using methadone drug withdrawal. **Malekirad, A.A (Supervisor)**. Islamic Azad University, Damghan Branch.

Ali Abadi M (2016). The relationship of sexual health and sexual assertiveness index of narital boredom coples referred to counseling centers of Arak. **Malekirad AA. (Supervisor)**. Islamic Azad University, Arak Branch.

Farahani A.S (2016). A study on workers' health in car parts manufactures companies. **Malekirad, A.A (Supervisor)**. Yazd Payame Noor University.

Mohammad Zadeh S (2016). Comparison of quality of life, mood and cognitive disorders in substance abusers and controls. **Malekirad, A.A (Supervisor)**. Esfahan Payame Noor University.

Karimi F (2015). Study of heavy metal content of agricultural and animal product in Shazand and Vafç city of Arak, Iran. **Malekirad, A.A (Supervisor)**. Tehran University of Medical Sciences and Health Services School of public health.

Pooyandeh A (2015). The Antioxidative Effect of Melissa Officinalis on the Patients with Multiple Sclerosis. **Malekirad, A.A (Supervisor)**. Arak University of Medical Science.

Feyz, Y (2015). Metals that are important for food Safety control of bread product. **Malekirad, A.A (Supervisor)**. Esfahan Payame Noor University.

Shogaeei S (2015). The relationship between Happiness and Marital Satisfaction in teacher and Housekeeper Women of Tehran city. **Malekirad AA. (Supervisor)**. Islamic Azad University, Arak Branch.

Teimori N (2014). A Comparison of Sexual Dysfunction in Those Suffering from MS with Normal People. **Malekirad, A.A (Supervisor)**. Islamic Azad University, Ahvaz Branch.

Fathi A (2014). The Relationship between Women's Sexual Function and Its Variables with Marital Satisfaction during the Second Trimester of Pregnancy. **Malekirad, A.A (Supervisor)**. Islamic Azad University, Arak Branch.

Ahmadvand A (2014). Prediction of job satisfaction and mental health based on emotional intelligence and creativity in Refinery workers. **Malekirad, A.A (Supervisor)**. Islamic Azad University, Borujerd Branch.

Hosseini BS (2014). Change in the expression of CD34, CD45, CD105 and CD90 surface markers of mesenchymal stem cells from mice using nano material grapheme oxid as the substrate material of the cell. **Malekirad, A.A (Supervisor)**. Tehran Payame Noor University.

Irannejad najafabadi A (2014). A comparison of blood factors, cognitive status, moods and mental health status, in diabetic patients type 2 with control group. **Malekirad, A.A (Supervisor)**. Esfahan Payame Noor University.

Taheri S (2014). The comparison of mental health, quality of life and cognitive neuropsychological disorders in breast cancer patients and healthy subjects. **Malekirad, A.A (Supervisor)**. Esfahan Payame Noor University.

Jafari H (2014). Effect of aqueous extract of barberry on lipid profile, lipid peroxidation in hepatocytes and SGOT enzyme in balb c mice. **Malekirad, A.A (Supervisor)**. Esfahan Payame Noor University.

Amomirza M (2014). Comparison of emotional regulation strategies and psychological well-being of MS patients and non-patients people. **Malekirad AA. (Supervisor)**. Islamic Azad University, Semnan Branch.

Torabi M (2014). The relationship between sexual knowledge and sexual stereotypes with marital satisfaction in marital women referred to Arak welfare organization.**Malekirad AA. (Supervisor)**. Islamic Azad University, Arak Branch.

Samadi Dinani M (2014). The determination of lead level in Tehranian subjects and comparison with WHO range and quality of life, mental health and cognitive neuropsychological disorders.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Oranjin, A(2013).Biodiversity of marine crabs in the tidal zone of Bushehr province (from coastal area of Bushehr to Dayyer), Persian Gulf. **Malekirad, A.A (Supervisor)**.Tehran Payame Noor University.

Javid rad M (2013).Comparison quality of life, mental health and psychological disorders suffering in Multiple Sclerosis and normal individuals.**Malekirad, A.A (Supervisor)**. Islamic Azad University, Damghan Branch.

Afshari T (2013).The comparison of psychological disorder in Radiology staff and control group.**Malekirad, A.A (Supervisor)**. Islamic Azad University, Damghan Branch.

Vasheghani Farahani E (2013). The effect of cognitive behaviour therapy (CBT) on stress and depression in diabetic diseases type 2. **Malekirad, A.A (Supervisor)**. Islamic Azad University, Arak Branch.

Rafei A (2013).compare of compound and fernald multisensory methods effect on hand writing disgraphia of primary school students.**Malekirad, A.A (Supervisor)**. Islamic Azad University, Arak Branch.

Taheri M (2013).The effect of medicinal plants (Melissa officinalis-fenugreek-cinnamon) on blood factors and hemoglobin A1C in type 2 diabetic. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Sheybani asl, Z (2013). Malekirad AA.Effects of the mixture of cichorium intybus L and cinnamomum zeylanicum on hepatic enzymes activity and biochemical parameters in patients with nonalcoholic fatty liver disease.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Akbari, H (2013). The Relationships between Cognitive Neuropsychological state, Oxidative stress and Genotoxicity in Radiology staff.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Salehiforouz, B (2013) A Survey on Neuropsychological Psychological State, Oxidative Stress and Hematological Parameters in Coke Oven Workers. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Dehgani M (2013). The effect of Ziziphus jujube on learning and memory in Rat.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Yousefpour R (2013).Effect of the mixture of Cynara Scolymus and Cinnamoum on hepatic enzymes aactivity and biochemical parameters in patients with non-alcoholic fatty liver diseases. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Zarinmehr J (2013). Comparative Study of the Antioxidative Effects of Melissa officinalis - Cinnamon Tea Infusion on the Oxidative Stress in Petrochemical Workers. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Gharaghani poor M (2013). The effect of Peganum harmala seeds extract on immune parameters of rainbow trunt (*Oncorhynchus mykiss*). **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Igani N (2013). The protective effect of antioxidant complement (Selvit) on oxidative stress and blood parameters in workers exposure to paint.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Bahraniifard A (2013).The effect of Ionizing Radiation on the Neurocognitive State and Oxidative Stress and the Quality of Life among Workers.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Heidari, M (2013). The comparison of oxidative stress in Mazut workers and control groups.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Sadeghi, T (2013). The relationship between oxidative stress and cognitive neuropsychological state due to electromagnetic fields in power plant workers.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Igani, N (2013). The protective effect of poly antioxidant multi vitamin complement (Silivit) on oxidative stress and blood parameters in workers exposure to organic solvents.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Alishahi, M (2012). A Study on Oxidative Stress, Hematological and Biochemical Parameters in Copper Smelter Workers.**Malekirad, A.A. (Supervisor)**.Kerman University of Medical Science.

Mirabdollahi, M (2012).Status of neurocognitive and oxidative stress conditions in iron-steel workers. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Rashidi, M(2012).The Effect of Tea-Cinnamon and Melissa officinalis L. Aqueous Extraction, on Neuropsychology Distress, Biochemical and Oxidative Stress Biomarkers in Glass Production Workers. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Ghasemi M (2012). The effect of vitamin complement (Silivit) on oxidative stress in farmer exposed to oghanophosphorous pesticide. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Madahi Z (2012). The protective effect of antioxidantive of Lemon balam, Cinnamon and Rsa

Brunonii on oxidative stress in workers exposure to paint. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Ghazian L (2012).A study of neurocognitive impairment hematological parameters and oxidative stress in gold industry workers. **Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Ahmadi M (2012). Evaluationof Neurocognitive status and Oxidative Stress and Blood Factors in Cement Factory Workers.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Bidram, M (2012). The effect infusions of Melissa officinal, Cinnamomum zeylanicum, Terminalia chebula, Cynara scoolymus, Silybum marianum Cichorium intybus L, in patients with non-alcoholic fatty liver.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Akbari Z (2012). The effect of air pollutants on birth of prematurity and low weight in Esfahan city and its relationship with the mother's diet during pregnancy.**Malekirad, A.A (Supervisor)**.Esfahan Payame Noor University.

Foolad S (2011). Comparative study on the copper induced carbonyle content and structural changes in human hemoglobin and plasma proteins.**Malekirad, A.A (Consultant)**.Tehran Payame Noor University.

Master Dissertation Consultant

Rohi E (2018). The Survey of quality of Arak water. **Malekirad, A.A (Consultant)**.Arak University.

Amirak A (2017). Effect of folic acid on migraine. **Malekirad, A.A (Consultant)**.Arak University of Medical Science.

Sadeghikhansari S (2017).Effect of aqueoue extract Liver MPA drug on some biochemical parameters and liver enzymes and hematological factors in patients with type II diabetes. **Malekirad, A.A (Consultant)**.Esfahan Payame Noor University.

Ghaneh S (2016).The relationship between bullying with adjustment and self-esteem i high school student in Arak.**Malekirad, A.A (Consultant)**.Tehran Payame Noor University.

Amini Rarani, R (2016). The Effect of Green Tea on Blood Oxidative Stress in Operating Room Personnel.**Malekirad, A.A (Consultant)**.Esfahan University of Medical Science.

Mohseni, H.S (2015). Reviewing the lead and cadmium concentrations of Arak traffic officers and taxi drivers' blood in 2013, Iran.**Malekirad, A.A (Consultant)**. Mazandaran University of Medical Science.

Yengi Maleki H(2014).The effect of downhill running and short term Melissa officinalis supplementation on serum antioxidant capacity and lipid peroxidation in yang athletes.**Malekirad, A.A (Consultant)**. Islamic Azad University, Borujerd Branch.

Fayazbakhsh F (2014).Sexual Functions and Quality of Life in Male and Female with Chronic Renal Diseases.**Malekirad AA. (Consultant)**. Islamic Azad University, Semnan Branch.

Tanjah, F (2014). A study of the relationship between air polluters and mortality due to cardiovascular diseases in Mashhad.**Malekirad AA. (Consultant)**. Islamic Azad University, Semnan Branch.

Mosavi S (2013).The effects of zinc oxide nanoparticles on differentiation of mice mesenchymal stem cells to osteoblast. **Malekirad, A.A (Consultant)**.Tehran Payame Noor University.

Mansouri F (2013).The relationship between the conflict handling styles and personality traits of managers of Markazi Province Education Department.**Malekirad, A.A (Consultant)**.Saveh Payame Noor University.

Nik-kherad, J(2011).Effect of short term caffeine supplementation on downhill running induced inflammatory response in male non-athletes. **Malekirad, A.A (Consultant)**.Tabriz University.

Sharifi, F (2007).Oxidative Stress and Lipid Peroxidation in Prolonged Users of Methamphetamine.**Malekirad AA (Consultant)**. Arak University of Medical Science.

Member of Academic Societies

Professional Service

Organization and Role	Dates
American Society of Toxicology (full membership)	2017-Present
EUROTOX Individual Membership (Individual Member)	2016-Present
Open Toxicology community(Member)	2014-Present
Iranian Society of Health Health Psychology (Member)	2016- Present
Iranian Society of Neuropsychology(Member)	2016- Present
Iranian Society of Toxicology (Member)	2012- Present
Iranian Society of Psychology(Member)	2011-Present
Iranian Society of Medical Plants(Member)	2011-Present

OTHER SCHOLARLY ACTIVITIES

Journal Reviewer

Life Sciences
Toxin Reviews
Industrial and Toxicology Health
Global Journal of Health Science
Journal of Medicinal plants
Journal of tissue and cell of Arak University
Journal of Arak university of Medical Sciences
Complementary Medicine Journal of faculty of Nursing & Midwifery
Archives of Environmental Contamination and Toxicology
Advances in Industrial and Engineering and Management
Iranian Red Crescent Medical Journal
Iranian Journal of Science and Technology (Sciences)
Reviews of Environmental Contamination and Toxicology (RECT)
British Journal of Medicine and Medical Research
Time Journal of Engineering and Physical Sciences (TJEPS) TIME ES
Iran J Psychology Behav Sci

HONORS AND AWARDS

<u>Organization and Award or Honor</u>	<u>Dates</u>
Markazi Province Universities (Distinguished Researcher)	2018
Markazi Province Universities (Distinguished Researcher)	2017
Markazi Province Universities (Distinguished Researcher)	2016
Markazi Province Universities (Distinguished Researcher)	2015
Payame Noor University (Distinguished Basic Science Company)	2015
Markazi Province Universities (Distinguished Researcher)	2014
Markazi Province (Distinguished Entrepreneur)	2014
Payame Noor University, Markazi Province (Distinguished Researcher)	2008
Markazi Province Staffs (Distinguished Researcher)	2007
Markazi Province staffs (Distinguished Researcher)	2005

TEACHING HISTORY

<u>University</u>	<u>Course Title</u>	<u>Semester/Year</u>
<u>Graduate Course (MS- ph.D)</u>		
Shahid Beheshti University of Medical Science	Dissertation	2016- present
Tabriz University	Dissertation	Fall 2008- present
Esfahan University, Shakhes Pajoo institute	Dissertation	2015- 2017
Mazendaran University of Medical Science	Dissertation	Spring 2014- Fall 2014
Tehran university of Medical Science Pharmaceutical Science Research Center	Dissertation	2011-present
<u>graduate Course (ph.D)</u>		
Islamic Azad University	Behaviour Physiology	Spring 2011- 2013

	Cellular Receptor	Spring 2011-2013
	Special Topics	Spring 2011-2013
Graduate Course (MS)		
Kerman university of Medical Science	Industrial Toxicology	Spring 2011
Arak University	Endocrinology	2017
	Physiology of Growth	
graduate Course (MS)		
Islamic Azad University	Understanding Motivation and Emotion	Fall 2013-2014
	Neuropsychology	Fall 2013-2014
	Psychology of Learning	Fall 2013-2014
	Central Neural System Physiology	Spring 2011-2014
	Reproduction Physiology	Spring 2011-2014
	General Physiology	Fall 2004-Spring 2004
graduate Course (MS)		
Payame Noor University	Advance Endocrinology	Fall 2010-2016
	Central Neural System Physiology	Fall 2010-2016
	Muscular and Nerve Physiology	Fall 2010-2016
	Electrolytes' Regulation	Fall 2010-2016
	Neurophysiology and Glands	Fall 2010-2016
	Liver Physiology	Fall 2010-2016
	Reproduction Physiology	Fall 2010-2016
	Seminar	Fall 2010-2016
	Regulating Blood Circulation	Spring 2010-2016
Undergraduate Course		
Arak University	Sensation and Perception	Fall 2007-2012
	Physiological Psychology	Spring 2009-2012
	Thinking and Language	Fall 2008-2012
	General physiology	Fall 2010-2012
	An Introduction to Neuropsychology	Fall 2007-2012
	Understanding Motivation and Emotion	Fall 2008-2012
	Seminar	Fall 2007-2012
	Single Practical Research in Psychology	Fall 2010-2012
	Sensation and Perception	Spring 2007-2012
Undergraduate Course		
Payame Noor University	Animal Physiology 1	Fall 2006-present
	Animal Physiology 2	Fall 2006-present

	Seminar	Spring present	2007-
	Animal Physiology3	Fall present	2006-
	Experimental Psychology	Fall present	2008-
	Psychology of Learning	Spring present	2008-
	An Introduction to Neuropsychology	Spring present	2006-
	Understanding Motivation and Emotion	Spring present	2008-
	Sensation and Perception	Spring present	2006-
	Physiological Psychology	Spring	2007-present
	Thinking and Language	Spring present	2008-
	Neurophysiology and Glands	Spring present	2008-
	Mental Health	Spring present	2008-
	General Psychology	Spring present	2008-
	Single Practical Research in Psychology	Spring present	2008-

Research Area

1. Metal exposure
2. Neuropsychology
3. Clinical studies
4. Oxidative stress
5. Phosphodiesterase inhibitors
6. Pesticides
7. Cognitive
8. Medicinal Plants
9. Industrial

Books

Malekirad AA, Hassani S, Abdollahi M (2020). Oxidative stress and copper smelter workers (chapter). Toxicology: Oxidative Stress and Dietary Antioxidants. 2021 Elsevier Inc.
<https://doi.org/10.1016/B978-0-12-819092-0.00013-3>

Shariath Zadeh MA, **Malekirad AA**, Pilevarian AA (2018) Cell Membrane. Publication, Aeje, Tehran [Persian]

Hosseini N, **Malekirad AA**, Abdollahi M (2016) Recognition and uses of Medical and aromatic plants. Publication, Research Agricultural Education, Tehran [Persian]

Dahlstrom DL, Nikfar S, **Malekirad AA**, Behboudi AF. (2014) Industrial Hygiene.

In Wexler P(ED), Encyclopedia of Toxicology, 3rd edition Vol 3.Elsevier Inc., Academic Press, 1032–1035

Nikfar Shekoufeh and **Malekirad AA** (2014) Occupational Exposure Limits.

In Wexler P(ED), Encyclopedia of Toxicology, 3rd edition vol 3.Elsevier Inc., Academic Press, PP.637-640

Valizadeh E Moloudi Sh, **Malekirad AA** (2011) Iranian medicine plants and herbal medicines. Nikmaleki publication, Tehran [Persian].

Sharitzadeh SMA, **Malekirad AA** (2006) Free radicals and antioxidants. Ahvaz University of Medical Sciences Publications, Ahvaz [Persian].

Workshop and Courses

Online Course in Research Writing: Environmental Health (2013) By Ravi Murugesan | Feb. 4, 2013 | None

Bilingual Neuropsychology (2012) In the National Conference on Bilingualism: Challenges and Solutions on Shazand PNU.

Approach and Non-Pharmacological Treatment with Neuropsychological Methods (2011) 5st Iranian Neuropsychology Symposium.

The Importance of Verbal Communication in Sex Spouses.(2011). Congress of Sexual Health and Family, Shahed University, Tehran-Iran.

Secondary Male Sexual Dysfunction Disorders to Vaginismus.(2011). Congress of Sexual Health and Family, Shahed University, Tehran-Iran.

Mind awareness based on Based Cognitive - Behavioral Therapy. (2011). Iranian Clinical Psychology Association.

Electro botany Education Workshop (2009). National Conference of Special Biological, Payamenoor University, Markazi-Iran.

Sex Education Workshop (2009) Congress of Sexual Health and Family, Shahed University, Tehran-Iran.

Education Workshop of Skills of File Editor for Extension, Promotion, Conversion and Upgrade (2009). Payamenoor University, Markazi-Iran.

Education Workshop of Introduction with Tests of Academic Achievement and Preparation of Test Methods. (2009) Payamenoor University, Markazi-Iran.

Education Workshop of Research Methods and Essay Writing and Application SPSS and PS Software Packages. (2008). Payamenoor University, Markazi-Iran 1.
Introduction with PCR, Real time PCR Methods by Armin Medicine Company. (2007) Scientific Conference of Biology, Payame Noor University