

Curriculum Vita



Azadeh Ashtarinezhad

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Associate professor

Department of Occupational Health Engineering

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Personal Information

Place of birth: Tehran

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Academic Degrees:

- **Ph.D. in Toxicology:** School of Pharmacy, Shahid beheshti Medical University, Tehran, Iran, Thesis: FTIR Spectroscopic pattern of Embryonic Stem Cells at various stages of differentiation. 2008-2014.
- **M. Sc. in Toxicology:** School of Pharmacy, Jondishapour Medical University, Ahvaz, Iran, Thesis: Determination of Atrazine and Amytrine concentrations in different steps sugar products from sugarcane of one of the factories in Ahvaz city. 2004-2007.
- **B. Sc. in Public Health.** Beheshti Medical University, Health Faculty, Tehran, Iran. Thesis: Evaluation of thoughts and beliefs of pregnant ladies about caesarian operation and its efficacy and complications in one Medical center in Tajrish area of Tehran. 1998-2004.

Publications:

- Hosseini Shirazi F, et al. Chapter 5: Remarks in Successful Cellular Investigations for Fighting Breast Cancer Using Novel Synthetic Compounds, in: Breast Cancer, Focusing Tumor Microenvironment, Stem Cell and Metastasis; Published by InTech, Edited by Muhmet Gunduz and Esra Gunduz, 1st edition, 2011.
- Ashtarinezhad Azadeh, Sarahroodi Shadi. Translation and edition of Lippincott pharmacology book (version 2011). 2015.
- Occupational Exposure Level. Ministry of Health and Medical Education. Preparing and reviewing books. Fourth Edition. 2016.
- Sarahroodi Shadi, Arzi Ardeshir, Sawalha A.F, Ashtarinezhad Azadeh. Antibiotic self-medication among Southern Iranian University Students. International Journal of Pharmacology. 2010, 6 (1): 48-52.
- Ashtarinezhad Azadeh, Matin Bahar, Hosseini Shirazi Farshad. Parabens effects on Estrogenic receptors of C13 cell line. Iranian Journal of Pharmaceutical Sciences. Iranian Journal of Pharmaceuticle Sciences (2013), 9 (3): 29-36.

- Ashtarinezhad Azadeh, Farshad H. Shirazi, Mohamadzadehasl Baharak, Panahyab Ataollah, Vatanpour Hossein, Nakhjavani Maryam. FTIR-Microspectroscopy Detection of Metronidazole Teratogenic Effects on Mice Fetus. Iranian Journal of Pharmaceutical Research (2014), 13 (supplement): 105-115.
- Ashtarinezhad Azadeh, Panahyab Ataollah, Mohamadzadehasl Baharak, Vatanpour Hossein, Farshad H. Shirazi. FTIR Microspectroscopy reveals chemical changes in mice fetus following Phenobarbital administration. Iranian Journal of Pharmaceutical Research. 2015, 14 (supplement): 121-130.
- Ashtarinezhad Azadeh, Ebrahim Najafabadi Karim. Determination of lead and cadmium concentrations in white sugar produced in Khuzestan province. Iranian Journal of Nutrition Sciences & Food Technology. 2015, 4: 80-84.
- Ashtarinezhad Azadeh, Panahyab Ataollah, Mohamadzadehasl Baharak, Vatanpour Hossein, Farshad H. Shirazi. FTIR determination of Miconazole effects on Mice fetus brain tissue. Iranian Journal of Pharmaceutical Sciences. 2014, 10 (1): 79-84.
- Ebrahim Najafabadi karim, Ashtarinezhad Azadeh. Association of Amniotic Fluid Cadmium Levels with Preeclampsia, Prematurity and Low Birth Weight risk: A Cohort Study in Tehran, Iran. The Iranian Journal of Neonatology IJN. 2015, 6 (2):1-6.
- Maryam Nakhjavani, Nastaran Nikounezhad, Azadeh Ashtarinezhad, Farshad Hosseini Shirazi. Human Lung Carcinoma Reaction against Metabolic Serum Deficiency Stress. Iranian Journal of Pharmaceutical Research. 2016, 15 (4):177-183.
- Azadeh Ashtarinezhad; Ataollah Panahyab, Baharak Mohamadzadehasl, Farshad Hosseini Shirazi Characterization of Miconazole effects on Mice fetus liver tissue using FTIR-MSP. Iranian Journal of Pharmaceutical Research. 2017, 16 (2), 677.
- Azadeh Ashtarinezhad; Ataollah Panahyab, Shahrzard Shaterzadeh-Oskuei; Hessam Khoshniat; Baharak Mohamadzadehasl, Farshad Hosseini Shirazi. Biospectroscopic recognition of Phenobarbital & Levamisole

chemical teratogenic effects on mouse fetus liver tissue. *Journal of Pharmaceutical and Biomedical Analysis*. 2016 (128): 174–183.

- Khadijeh Yaghoobi, Iraj Alimohammadi, Jamileh Abolghassemi, Mahdi Shirin Shandiz, Nahid Abutaleb, Azadeh Ashtarinezhad. The Effect of Noise on Blood Pressure and Heart Rate in an Automotive Industry. *Journal of Occupational Hygiene Engineering*. 2016; 4(1):26-34.
- Biganeh Jamal, Jamileh Aboulghasemi, Iraj Alimohammadi, Hossein Ebrahimi, Zahra Torabi, Azadeh Ashtarinezhad. Survey of occupational stress effects on burnout among nurses. *Journal of knowledge and health*. 2018, 13 (1), 10-18.
- Iraj Alimohammadi, Azadeh Ashtarinezhad, Baharak Mohamadzadehasl, Batul Masruri, Nargess Moghadasi. The effects of radiofrequency radiation on mice fetus weight, length and tissues. *Journal of Data in brief*. 2018, 19, 2189-2194.
- Batol Masruri, Azadeh Ashtarinezhad, Parvaneh Yekzamani. Data on the effect of lead concomitant noise on oxidative stress in rats. *Journal of Data in Brief*. 2018, 18, 1117-1121.
- Azadeh Ashtarinezhad, Ataollah Panahyab, Baharak Mohamadzadehasl, Farshad H. Shirazi. Mice fetus liver tissue spectroscopic alterations following Metronidazole & Miconazole concomitant administration. *International J of Pharmacy Acta*. 2019, 1 (3):222-232.
- Sedghi Nooshabadi Zhaleh, Omary Shekaftic Soqrat, Aqa Fatemeh Hosseini, Ashtarinezhad Azadeh. Blood Lead Level of workers in a printing industry. *Archive of Occupational Health*. 2019, 3 (3): 360-5.
- Alimohamadi Iraj, Ashtarinezhad Azadeh, Aboulghasemi Jamileh, Yekzamani Parvaneh, Masruri Batool. Sub-acute effects of lead exposure on Auditory Brainstem Response in male rats. *Iranian J of Toxicology*. 2019, 13 (3): 9-13.
- Parvaneh Beykmohamadloo, Rasoul Yarahmadi, Hassan Asilyan, Azadeh Ashtarinezhad, Majied Esmaili. Modification of activated carbon by cold plasma and its effect on the adsorption of toluene. *Journal of Iran Occupational Health*. 2019, 16 (4): 1-10.

- Yekzamani Parvaneh, Ashtarinezhad Azadeh, Dehdari Tahereh, Masruri Batool, Aboulghasemi Jamileh. Development and validation of an instrument for determining knowledge and practice of pistachio farmers in terms of Aflatoxin and the prevention methods of its production in pistachio product. *Journal of Health Education and promotion*. 2019, 7 (3): 328-338.
- Omari Shekaftik Soqrat, H Shirazi Farshad, Yarahmadi Rasoul, Soleimani Dodaran Masoud, Rasouli Mahboobeh, Azadeh Ashtarinezhad. Preliminary investigation of Nanotechnology companies' employees in Tehran, Iran, 2018. *Journal of Occupational Hygiene Engineering*. 2019, 6 (2): 61-70.
- Omari Shekaftik Soqrat, Azadeh Ashtarinezhad, H Shirazi Farshad, Soleimani Dodaran Masoud, Rasouli Mahboobeh, Yarahmadi Rasoul. Assessing the risks of main activities of Nano Technology companies by NanoTools method. *International j of Occupational safety and ergonomics*. 2020, 1-9.
- Soqrat Omari Shekaftik, Rasoul Yarahmadi, Nargess Moghadasi, Zhaleh Sedghi Noushabadi, Agha Fatemeh Hosseini & Azadeh Ashtarinezhad. Investigation of recommended good practices to reduce exposure to nanomaterials in nanotechnology laboratories in Tehran, Iran. *J of Nanoparticle Research*. 2020, 22 (3):1-8.
- Masuri Batool, Parvaneh Yekzamani, Jamileh Aboulghasemi, Narges Moghadasi, Azadeh Ashtarinezhad. Knowledge & practice of pistachio farmers in terms of pistachio pesticide safety. *Journal of Human and Ecological Risk Assessment: An International Journal*. 2020, 27 (3), 595-605.
- Omari Shekaftik Soqrat, Azadeh Ashtarinezhad, Yarahmadi Rasoul, Rasouli Mahboobeh, Soleimani Dodaran Masoud, H Shirazi Farshad. Relationship between chemical composition and physical State of used nanomaterials in nanotechnology companies with type and prevalence of symptoms of employees of these companies in Tehran, Iran. *Journal of Iran Occupational Health*. 2020, 17 (1), 1-15.
- Soqrat Omari Shekaftik, Farshad H. Shirazi, Rasoul Yarahmadi, Mahboobeh Rasouli, Azadeh Ashtarinezhad. Investigating the relationship between occupational exposure to nanomaterials and symptoms of nanotechnology companies' employees. *Archives of Environmental & Occupational Health*. 2020. 1-11.

- Yaghubi Khadijeh, Iraj Alimohamadi, Jamileh Aboulghasemi, Aboutaleb Nahid, Shirin Shandiz Mehdi, Ashtarinezhad Azadeh. The Effect of Occupational Noise Exposure on Systolic, Diastolic Blood Pressures and Salivary Cortisol Level among Automotive Assembly Workers. *International j of Occupational safety and ergonomics*. 2021, 27(1): 8-13
- Batol Masruri, Tahereh Dehdari, Parvaneh Yekzamani, Azadeh Ashtarinezhad. Development and Psychometrics of an Instrument for Determination of Knowledge and Practice of Pistachio Farmers about the Safety of Pistachio Pesticides. *Journal of Pistachio Science and Technology*. 2021, 5 (9): 188-201.
- Jamal Biganeh, Azadeh Ashtarinezhad, Davood Behzadipour, Narges Khanjani, Atefeh Tavakoli Nik, Majid Bagheri Hosseinabadi. Investigating the relationship between job stress, workload and oxidative stress in nurses. *International Journal of Occupational Safety and Ergonomics*. 2021, 28 (2), 1176-1182.
- Mojtaba Ehsanifar, Ahmad Jonidi Jafari, Zeinab Montazeri, Roshanak Rezaei Kalantari, Mitra Gholami, Azadeh Ashtarinezhad. Learning and memory disorders related to hippocampal inflammation following exposure to air pollution. *Journal of Environmental Health Science and Engineering*. 2021, 19(1): 261-272.
- Nargess Moghadasi, Iraj Alimohamadi, Azadeh Ashtarinezhad. The Effect of Mobile Radiation on the Oxidative Stress Biomarkers in Pregnant Mice. *Journal of Family and Reproductive Health*. 2021, 15 (3), 172.
- Rasoul YarahmadiR, F. Bokharaei Salim, S. Soleimani Alyar, P. Moridi, O. Moradi Moghaddam, M. Niakan Lahiji, M. M. Darvishi, S. Golmahammadi, S. A. J. Mousavi, H. Ebrahimi, A. Ashtarinezhad, A. A. Farshad, A. Jonidi Jafari, S. J. Kiani, S. Garshasbi, S. Mehrzadi. Occupational exposure of healthcare personnel to SARS-CoV-2 particles at Intensive Care Unit of Rasool-e-Akram Complex Hospital in Iran. *International Journal of Environmental Science and Technology*. 2021,
- Jamal Biganeh, Jamileh Abolghasemi, Iraj Alimohammadi, Hossein Ebrahimi, Behzadipour Davoud, Majid Bagheri Hosseinabadi and Azadeh Ashtarinezhad. Influences of Occupational Burnout and Personality on Lipid Peroxidation Among Nurses in Shahroud City, Iran. *Journal of University of Occupational and Environmental Health*. 2021, 43 (4): 397-408.

- Soqrat Omari Shekaftik, Zhaleh Sedghi Noushabadi and Azadeh Ashtarinezhad. Nanosafety: a knowledge, attitude and practice (KAP) study among Iranian researchers working in nanotechnology laboratories. *International Journal of Occupational Safety and Ergonomics*. 2021, 1-5.
- Vida Ebrahimi, Rana Qasemi, Jamileh Abolghasemi, Azadeh Ashtarinezhad. Design and Validation of a Questionnaire to Assess the Self-report Symptoms of Chemical Exposure among Nail Technicians in Tehran, Iran. *Journal of Occupational Hygiene Engineering*. 2021, 8 (3):9-18.
- Masuri Batool, Parvaneh Yekzamani, Jamileh Aboulghasemi, Iraj Alimohammadi, Azadeh Ashtarinezhad. Concurrent Lead and Noise Exposure Effects on Testicular Tissue of Rat: An Experimental Study. *Journal of Family and Reproductive Health*. 2022, 16 (2): 132-138.
- Batol Masruri, Iraj Alimohammadi, Jamileh Abolghasemi, Parvaneh Yekzamani, Azadeh Ashtarinezhad. The effect of Lead and Noise on Noise-induced Hearing Loss at 4 kHz Frequency: an experimental study. *Journal of Occupational Health and Epidemiology*. 2022, 11 (1): 67- 75.
- Parvaneh Yekzamani, Azadeh Ashtarinezhad, Jamileh Aboulghasemi, Batol Masruri, Maedeh Arabian, Iraj Alimohammadi. Investigating the effect of different light intensities in work environments on Circadian rhythm using animal model. *Occupational Medicine Quarterly Journal*. 2022, 14 (1): 19-28.

Congress Presentations:

- Sarahroodi Sh, Arzi A, Jahanbakhsh F, Ashtarinezhad A. Usage of non-prescription medication by people with Diabetes in Ahvaz, http://www.pharmacoepi.org/meetings/21stconf/poster_sessions_8-10.pdf. 2005 [180], (Poster presentation).
- Samei M, Nazari Z, Ashtarinezhad A, Mohebbi Gh. Determination of Malondialdehyde in milk as a Marker of Its Nutrients Losing. The 9th Iranian congress of toxicology, 2007, p [22] , Shiraz (Poster presentation).
- Ashtarinezhad A, Samei M, Nazari Z, Mohebbi Gh. Determination of lead and cadmium levels in produced sugar of Amir Kabir factory in Ahvaz city. The 9th Iranian congress of toxicology, 2007, p [22], Shiraz (Poster presentation).

- Ashtarinezhad A, Nazari Z, Hemmati AA. Determination of Atrazine and Amytrine concentrations in produced sugar of one of factories in Ahvaz city. The 18th Iranian congress of Physiology and pharmacology, 2007, p[144], Mashad (Poster presentation).
- Ashtarinezhad A, Mohammadzadehasl B, Panahyab A, Vatanpour H, Hosseini Shirazi. FTIR spectroscopy reveals chemical changes in mice fetus following Phenobarbital administration. 13th Iranian Pharmaceutical Sciences Congress (IPSC 2012), 2012, 7 (5), Isfahan (Poster presentation).
- Behtaj R, Farhadi E, Ashtarinezhad A, Hosseini Shirazi F. Principle Component Analysis application in recognition of cellular resistance to Cisplatin using FTIR technology. 13th Iranian Pharmaceutical Sciences Congress (IPSC 2012). Isfahan, 2012 (Poster presentation).
- Ashtarinezhad A, Mohammadzadehasl B, Panahyab A, Vatanpour H, Hosseini Shirazi F. Teratogenic effects of Metronidazole on mice fetus using FTIR spectroscopy. 13th Iranian Pharmaceutical Sciences Congress (IPSC 2012). Isfahan, 2012 (Poster presentation).
- Ashtarinezhad A, Farhadi E, Hosseini Shirazi F. 13th Iranian Pharmaceutical Sciences Congress (IPSC 2012). Artificial Neuronal Network application in recognition of cellular resistance to Cisplatin using FTIR technology Isfahan, 2012 (lecture).
- Nakhjavani M, Ashtarinezhad A, Hosseini Shirazi. Studying the effect of methylparaben and propylparaben on growth curve of human breast adenocarcinoma cell line. 13th Iranian Pharmaceutical Sciences Congress (IPSC 2012), Isfahan, 2012 (Poster presentation).
- Ashtarinezhad A, Mohammadzadehasl B, Panahyab A, Farnam G, Rashedi M, Hosseini Shirazi F. FTIR-MSP 1580 cm⁻¹ wave number as the brain drug induced teratogenic marker. 12th Iranian Congress of Toxicology, Mazandaran. 2013 (Poster presentation).
- Ashtarinezhad A, Mohammadzadehasl B, Panahyab A, Farnam G, Rashedi M, Hosseini Shirazi F. Mice liver FTIR-MSP 1540 cm⁻¹ wave number as the brain drug induced teratogenic marker. 12th Iranian Congress of Toxicology. Mazandaran, 2013 (Poster presentation).
- Ashtarinezhad A, Mohammadzadehasl B, Panahyab A, Farnam G, Rashedi M, Hosseini Shirazi F. FTIR-MSP 1580 cm⁻¹ wave number as the brain drug induced teratogenic marker. 9th annual congress of students, Shahid Beheshti University, 2013 (Poster presentation).

- Ashtarinezhad A, Mohammadzadehasl B, Panahyab A, Farnam G, Rashedi M, Hosseini Shirazi F. Mice liver FTIR-MSP 1540 cm^{-1} wave number as the brain drug induced teratogenic marker. 9th annual congress of students, Shahid Beheshti University, 2013 (Poster presentation).
- Nakhjavani M, Ashtarinezhad A, Hosseini Shirazi F. FTIR recognition of cell damage following serum starvation. The 12th Iranian Congress of Toxicology. Mazandaran, 2013, (Poster presentation).
- Golrokh Farnam, Azadeh Ashtarinezhad, Baharak Mohamadzadeh, Ataollah Panahyab, Farshad H. Shirazi. Fourier Transform Infrared Microspectroscopy application in the identification of phenobarbital induced fetus defects. The 18th seminar of Iranian Pharmacy Students. Tabriz, 2014, (Poster presentation).
- Azadeh Ashtarinezhad, Ataollah Panahyab, Baharak Mohamadzadeh, Farshad H. Shirazi. Recognition on antihelminthic drug teratogenic effects on mouse fetus brain tissue using FTIR-MSP. 2nd International congress of science and engineering. 18 March 2016, (Poster presentation).
- Azadeh Ashtarinezhad, Ataollah Panahyab, Golrokh Farnam, Baharak Mohamadzadeh, Farshad H. Shirazi Metronidazole teratogenic effects on Fetus legs & arms; Fourier Transform Infrared Microspectroscopy study. ICVP, 2016, (Poster presentation).
- Azadeh Ashtarinezhad, Ataollah Panahyab, Baharak Mohamadzadeh, Nima H Shirazi, Farshad H Shirazi. FTIR-MSP alteration of Heart tissue during 9.5-17.5 days of mice fetal life. The 14th Iranian Congress of Toxicology. 2017, (Poster presentation).
- Azadeh Ashtarinezhad, Ataollah Panahyab, Baharak Mohamadzadeh, Farshad H Shirazi. Processing on recognition of FTIR-MSP alteration of Heart tissue during mice fetal life. The 1st International congress on Pharmacy Updates. 2018, (Lecture).
- Sedghi Zhaleh, Omari Shekaftik Soqrat, Hosseini Aqa Fatemeh, Azadeh Ashtarinezhad. Biologic monitoring of Lead in printing industry (case study in Tehran city). The 11th student congress of Health Science. 2018, (Poster presentation).
- Azadeh Ashtarinezhad, Ataollah Panahyab, Baharak Mohamadzadeh, Farshad H Shirazi. FTIR-MSP in detection of Phenobarbital & Levamisole teratogenic effects on mouse fetus brain tissue. The 2nd International congress on Pharmacy Updates. 2019, SBMU (lecture).
- Narges Moghadasi, Iraj Alimohamadi, Safari Varianni Ali, Masruri Batul, Azadeh Ashtarinezhad. Lipid peroxidation in pregnant mice after radiofrequency radiation exposure. The 2nd International congress on Pharmacy Updates. 2019, SBMU (Poster presentation).

- Omari Shekaftik Soqrat, H Shirazi Farshad, Yarahmadi Rasoul, Soleimani Dodaran Masoud, Rasouli Mahboobeh, Azadeh Ashtarinezhad. Validation of questionnaire of non-specific symptoms for workers exposed to Nano materials. The 12th student scientific conference on innovation in Health Sciences. 2019, (Poster presentation).
- Azadeh Ashtarinezhad, Hossein Baharvand, Ataollah Panahyab, Farshad H Shirazi. FTIR spectroscopic pattern of Royan mouse embryonic stem cells at various stages of differentiation. The 15th Iranian Congress of Toxicology. 2019, SBMU (Oral presentation).
- Nargess Moghadasi, Iraj Alimohamadi, Ali Safari Variani, AghaFatemeh Hosseini, Azadeh Ashtarinezhad. DNA damage induced by mobile radiation exposure in pregnant mice. The 15th Iranian Congress of Toxicology. 2019, SBMU (Poster presentation).
- Azadeh Ashtarinezhad, Soqrat Omary Shekaftik, Yarahmadi Rasoul, H Shirazi Farshad, Rasouli Mahboobeh, Soleimani Dodaran Masoud. Investigating the relationship between occupational exposure to nanomaterials and symptoms of nanotechnology companies' employees. The 3rd Nanomedicine and Nanosafety Conference (NMNS). 2020, TUMS (Oral presentation).
- Soqrat Omary Shekaftik, Yarahmadi Rasoul, H Shirazi Farshad, Hosseini Agha Fatemeh, Azadeh Ashtarinezhad. Assessing the risk of main activities of nanotechnology companies by NanoTool method. The 3rd Nanomedicine and Nanosafety Conference (NMNS). 2020, TUMS (Poster presentation).
- Batool Masruri, Azadeh Ashtarinezhad, Parvaneh Yekzamani. Survey on the effect of lead concomitant noise on oxidative stress in rats. The 13th conference of innovation in Health Sciences. 2020, SBMU (Poster presentation).
- Batool Masruri, Tahereh Dahdari, Azadeh Ashtarinezhad, Parvaneh Yekzamani. Development and Psychometrics of an Instrument for Determination of Knowledge and Practice of Pistachio Farmers about the Safety of Pistachio Pesticides. The 13th conference of innovation in Health Sciences. 2020, SBMU (Poster presentation).
- Biganeh Jamal, Azadeh Ashtarinezhad. Relation of Burnout and personlize on oxidative stress among nurses. 1st International Conference (Webinar) on Occupational Health and Safety in Hospitals and Healthcare Centers 2021, Shiraz (Poster presentation).
- Neda Mehrparvar, Azadeh Ashtarinezhad, Farshad H Shirazi. Development of a measurement tool for risk assessment of health and safety status in nanomaterials factories. The 4th International congress on Pharmacy Updates. 2022, SBMU (Poster presentation).

Invited speaker:

- Azadeh Ashtarinezhad. Opioid receptors and drug abuse. The 2nd congress of Toxicities and drug abuse. Yazd, 2015 (Jan 29).
- Azadeh Ashtarinezhad, Ataollah Panahyab, Baharak Mohamadzadeh, Farshad H Shirazi. FTIR-MSP in detection of Phenobarbital & Levamisole teratogenic effects on mouse fetus brain tissue. The 2nd International congress on Pharmacy Updates. Tehran, 2019 (Feb 7).

Skills:

- Experienced in working with HPLC, Atomic Absorption Spectrophotometry, Cell Culture techniques, Histopathology methods, PCR, and FTIR-MSP.
- Cell culture:
 - Differentiation of embryonic stem cell to cardiomyocyte cells
 - Differentiation of P19 cells to cardiac cells
 - Preparation and plating of mouse embryonic fibroblast (MEF) from 12.5 d mouse fetus
- Computer:
 - WORD, EXCEL, PowerPoint, SPSS, Search in the internet
 - MALTAB:
 - Artificial Neural Network (ANN) & Principle Component Analysis (PCA)

Workshops:

- Cell Culture" Workshop in 12th Iranian Pharmaceutical Sciences Congress, August 2010. Zanjan, Iran.
- Cell culture and knowledge of mycoplasma contamination workshop by PCR in the Pharmaceutical Sciences Center in Shahid Beheshti University of Medical Sciences. 2010.
- Cell culture and knowledge of mycoplasma contamination workshop by PCR in the Pharmaceutical Sciences Center in Shahid Beheshti University of Medical Sciences. 2011.
- Biospectroscopy in Biology workshop in the Pharmaceutical Sciences Research Center in Shahid Beheshti University of Medical Sciences, 2014.

- FTIR and Nano workshop in the Pharmaceutical Sciences Research Center in Shahid Beheshti University of Medical Sciences, 2015.
- FTIR and Nano workshop in the International congress of NANO, Kish, 2015.
- Occupational Health and Safety Management System (OHSAS 18001-18002) workshop in Occupational health research center, IUMS, 2016.
- Risk assessment workshop in Occupational health research center, IUMS, 2016.
- Health, Safety & Environment in Occupational health research center, IUMS, 2016.
- Prezi workshop in the Pharmaceutical Sciences Research Center in Shahid Beheshti University of Medical Sciences, 2017.
- Responsive Tutorial, EDO. IUMS, 2019.
- Storyline, EDO, IUMS, 2019.
- Systematic review, IUMS, 2019.

Workshops Attended:

- SPPS, Jondi Shapour University, Ahvaz, 2006.
- Scopus workshop by Educational Development Committee in pharmacy school, Tehran, Iran, 2009.
- Familiar with DPIC, Health ministry, Tehran, 2009.
- 2nd Royan International Summer School: Developmental Biology and Stem Cells, Royan Institute, Tehran- Iran. July 17-22, 2011.
- Calibration of volumetric instruments, Iran, Tehran, 2011.
- Scopus workshop by Educational Development Committee in pharmacy school, Tehran, Iran, 2010.
- Sample preparation by Microwave, Tehran, Iran, 2010.
- Cell culture workshop in the Pharmaceutical Sciences Center in Shahid Beheshti University; Tehran, Iran, 2009.
- 3 RD International Symposiums on Molecular Technology Manipulation of Cell Pathways in Drug Development, Tehran, Iran. 5-7 May 2009.
- Symposium about "How we will have a good lecture in the International Congress" cooperated with clinical research in the Shahid Modares hospital and metabolism Institute in shaheed Beheshti University, Tehran, Iran, 2009.

- The first Scientific and Experimental application of Mice fetus workshop, Royan Institute, Tehran-Iran. April, 2014.
- Prezi workshop, Iran University of Medical Sciences, May 2014.
- Workshop on Course Plan. Iran University of Medical Sciences, 2014.
- Virtual Learning, Iran University of Medical Sciences, Jan 2015.
- Qualitative research methods, Iran University of Medical Sciences, Jan 2015.
- Workshop on Inhalation Toxicity assessment of nanoparticles. Tehran university of Medical Sciences, Terran, Iran, 7 March 2015.
- Workshop on Science Survey. Research center, Iran University of Medical Sciences, 11 May 2015.
- Knowledge Translation Exchange and Commercialization, Iran University of Medical Sciences, 23 Aug 2015.
- CamtasiaStudio, Iran University of Medical Sciences, 2015.
- Familiarity with the basics of multimedia, Iran University of Medical Sciences, 2015.
- Advanced Powerpoint 2013, Iran University of Medical Sciences, 2015.
- Structure and principles of e-courses scenario, Iran University of Medical Sciences, 2015.
- Stem Cell Niche Engineering, Iran University of Medical Sciences, Jan 2016.
- Learning Management System, Iran University of Medical Sciences, May 2016.
- Paper reviewer, Iran University of Medical Sciences, Jan 2016.
- Occupational Health and Safety Management System (OHSAS 18001-18002) workshop in Occupational health research center, IUMS, 2016.
- Evaluation methods, Iran University of Medical Sciences, Jun 2016.
- Qualitative research method (Phenomenology), Iran University of Medical Sciences, Jun 2016.
- Risk assessment workshop, Occupational health research center, IUMS, 2016.
- Health, Safety & Environment, Occupational health research center, IUMS, 2016.

- Writing English in English (Features of the literature), Iran University of Medical Sciences, July 2016.
- Writing English in English (Writing complex sentences), Iran University of Medical Sciences, July 2016.
- Writing English in English (Phraseology), Iran University of Medical Sciences, July 2016.
- The method for determining the sample size, Iran University of Medical Sciences, 2017.
- Preliminary research method, Iran University of Medical Sciences, 2018.
- Introductory teaching method, Iran University of Medical Sciences, 2018.
- Familiarity with third-generation universities, Iran University of Medical Sciences, 2018.
- Process standardization and work with VISIO software, Iran University of Medical Sciences, 2018.
- How to make an effective Journal club? Iran University of Medical Sciences, 2018.
- Research in Education, Iran University of Medical Sciences, 2018.
- Advisor, Iran University of Medical Sciences, 2019.
- Analyze item, Iran University of Medical Sciences, 2019.
- Journal club, Iran University of Medical Sciences, 2019.
- Professional morals, Iran University of Medical Sciences, 2019.
- Response Education, Iran University of Medical Sciences, 2019.
- Relation to industry, Iran University of Medical Sciences, 2019.

Projects:

- Ashtarinezhad A, Hosseini Shirazi F. The effect of propyl paraben on C13 cell line growth curve. SBMU, 2012. 9503 code.
- Ashtarinezhad A, Hosseini Shirazi F. The effect of methyl paraben on C13 cell line growth curve. SBMU, 2012. 9501 code.

- Ashtarinezhad A, Hosseini Shirazi F. FTIR pattern recognition of sensitive & resistance cells (C13, A2780, HTB56 cells) to cisplatin by Artificial Neural Network. SBMU, 2012. 8322 code.
- Ashtarinezhad A, Hosseini Shirazi F. ED50 determination of C13 cells exposed to Estradiol valerat. SBMU, 2012. 8530 code.
- Ashtarinezhad A, Hosseini Shirazi F. LD50 determination of C13 cells exposed to Tamoxifen. SBMU, 2012. 8531 code.
- Ashtarinezhad A, Hosseini Shirazi F. Determination of growth curve changes with estradiol & tamoxifen co-treatment. SBMU, 2012. 8400 code.
- Ashtarinezhad A, Hosseini Shirazi F. Determination of growth curve changes with exposed to estradiol. SBMU, 2012. 8399 code.
- Ashtarinezhad A, Hosseini Shirazi F. Comparison between concomitant propyl paraben+ tamoxifen and methyl paraben + tamoxifen on C13 cell line growth curve. SBMU, 2012.
- Ashtarinezhad A, Hosseini Shirazi F. Concomitant of methyl paraben and tamoxifen on the growth curve of C13 cells. SBMU, 2012. 9507 code.
- Ashtarinezhad A, Hosseini Shirazi F. Comparison between concomitant propyl paraben+tamoxifen, methyl paraben+tamoxifen, estradiol+tamoxifen versus tamoxifen on C13 cell line growth curve. SBMU, 2012. 9519 code.
- Ashtarinezhad A, Hosseini Shirazi F. Comparison of the effect of propyl paraben and methyl paraben on C13 cell line growth curve. SBMU, 2012. 9620 code.
- Ashtarinezhad A, Hosseini Shirazi F. Concomitant of propyl paraben and tamoxifen on growth curve of ovarian carcinoma cell line to cis-platin. SBMU, 2012. 9508 code.
- Ashtarinezhad A, Hosseini Shirazi F. Determination of growth curve changes C13 cell line with exposed to Tamoxifen. SBMU, 2012. 8396 code.
- Ashtarinezhad A, Hosseini Shirazi F. FTIR pattern recognition of sensitive & resistance cells (C13, A2780, HTB56 cells) to cisplatin by Principle Component Analysis. SBMU, 2012. 8319 code.
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Teaching:

- Occupational Toxicology in BSC (1392-1394)- Iran University of Medical Sciences.
- Occupational Toxicology in MSC (1392-1394) - Iran University of Medical Sciences.
- Applied Occupational Toxicology in MSC (1393-1394) - Iran University of Medical Sciences.
- Occupational Toxicology in MSC (1392-1394)- Tarbiat Modares University.
- Air pollution evaluation in MSC (1393-1394) - Iran University of Medical Sciences.
- Principle of Air Sampling in BSC (1393-1394) - Iran University of Medical Sciences.
- Physiology in MSC (1394) - Iran University of Medical Sciences.
- Occupational Health in BSc (1394-1395) - Iran University of Medical Sciences.
- Biochemistry in BSc (1398-1400) - Iran University of Medical Sciences.
- Chemical agents in MPH (1400-1401) - Iran University of Medical Sciences.

Executive activities:

- Member of the EDO in IUMS, 2014.
- Member of EDC in IUMS, 2014.
- Member of Evaluation in Public Health faculty, IUMS, 2014.
- Member of the Committee of Toxicology in Ministry of Health, 2014.
- Responsible of curriculum of Faculty Health, IUMS, 2014.
- Member of research council of Occupational Health Research Center, IUMS, 2015.
- Member of accreditation standards monitoring of Public Health faculty, IUMS, 2016.
- Member of Curriculum Committee, IUMS, 2017.
- Head of EDO, IUMS, 2018.
- Member of research council of Air Pollution Research Center, IUMS, 2018.

Reviewer:

- 12th Congress of Toxicology, Posters, Mazandaran, Iran, 2013.
- 3rd Congress of Natural Toxins, Posters, Tehran, Iran, 2014.
- Nano International Congress, Posters, Kish, Iran, 2015.
- Pharmacy Updates Congress, Posters, Poster Presentations and Oral. Tehran, Iran, 2018.
- Pharmacy Updates Congress, Abstracts. Tehran, Iran, 2018.

Executive Committee Member of Congress:

- Executive Member of Congress in the 3rd Natural Toxin, in Shahid Beheshti University of Medical Sciences, 2014, Tehran, Iran.

Scientific Committee Member of Congress:

- Scientific Member of the 1st International Congress of Pharmacy Updates, in Shahid Beheshti University of Medical Sciences, 2018, Tehran, Iran.
- Scientific Member of the 2nd International Congress of Pharmacy Updates, in Shahid Beheshti University of Medical Sciences, 2019, Tehran, Iran.
- Scientific Member of the 1st International Conference (Webinar) on Occupational health and Safety in Hospitals and Healthcare Centers, 2021, Shiraz, Iran.

Hobbies:

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