

CURRICULUM VITAE

Minoo Shahidi Ph.D.

Current Appointment

- **Associate Professor**, Department of Hematology and Blood Banking, Faculty of Allied Medicine, Iran University of Medical Sciences
- **Director of International Affairs Office** and **Director of E-Learning Management System**, Faculty of Allied Medicine, Iran University of Medical Sciences

Contact Information

- Hemmat Highway, Iran University of Medical Sciences, Tehran, Iran
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- Alternative Email: shahidi.minoo@gmail.com

Educational Details

- **Ph.D. (Immuno-Hematology)**: The inflammatory and thrombotic effects of C-reactive protein in endothelial cells. Diss. Faculty of Health and Medical Sciences, University of Surrey, United Kingdom
- **M.Sc. (Hematology and Blood Banking)**: School of Medicine, Tarbiat Modares University, Tehran, Iran
- **B. Sc. (Medical Technology)**: Faculty of Medical Technology, Ahvaz Medical University, Iran

Expertise

- Cell culture, Co-culture methods, Tube Formation (3D culture), and Wound Healing assay (Angiogenesis experimental Studies)
- Flow cytometry, Confocal Fluorescence Microscopy (Immunophenotyping & Netosis & Etosis Experimental Studies), Micro-vesicles Experimental Studies
- Identification and diagnosis of the morphology of normal and pathophysiological blood and bone marrow
- Rt-PCR, ELISA, and more

Selected Publications

Refereed articles

1. Amirzargar MR, Shahriyary F, Shahidi M, Kooshari A, Vafajoo M, Nekouian R, Faranoush M. Angiogenesis, coagulation, and fibrinolytic markers in acute promyelocytic leukemia (NB4): An evaluation of melatonin effects. *Journal of Pineal Research*. 2023 Oct;75(3): e12901.
2. Ghalesardi OK, Zaker F, Ghotaslou A, Rezvani MR, Kiani J, Shahidi M. Effect of siRNA-mediated silencing of p53R2 gene on sensitivity of T-ALL cells to Daunorubicin. *Gene*. 2023 Sep 5;880:147622.
3. Boustani H, Abbasi N, Ghotaslou A, Ghalesardi OK, Zaker F, Shahidi M. Inhibition of MDM2 Using Idasanutlin (RG-7388) enhances the Chemo-sensitivity of B-ALL Cells to Daunorubicin. *Iranian Journal of Pediatric Hematology & Oncology*. 2023 Mar 28.
4. Shahidi M, Amirzargar MR. The impact of neutrophil extracellular traps in coronavirus disease-2019 pathophysiology. *Blood Coagulation & Fibrinolysis*. 2023 Mar 1;34(2):87-92.
5. Mehdipour M, Shahidi M, Anbari F, Mirzaei H, Jafari S, Kholghi A, Lotfi E, Manifar S, Mashhadiabbas F. Salivary level of microRNA-146a and microRNA-155 biomarkers in patients with oral lichen planus versus oral squamous cell carcinoma. *BMC Oral Health*. 2023 Jun 29;23(1):433.
6. Malekpour-Dehkordi Z, Nourbakhsh M, Shahidi M, Sarraf N, Sharifi R. Silymarin diminishes oleic acid-induced lipid accumulation in HepG2 cells by modulating the expression of endoplasmic reticulum stress markers. *Journal of Herbal Medicine*. 2022 Apr 16:100565.
7. Ghotaslou A, Samii A, Boustani H, Kiani Ghalesardi O, Shahidi M. AMG-232, a New Inhibitor of MDM-2, Enhance Doxorubicin Efficiency in Pre-B Acute Lymphoblastic Leukemia Cells. *Reports of Biochemistry and Molecular Biology*.:111-24.
8. Ghalesardi OK, Khosravi A, Azizi E, Ahmadi SE, Hajifathali A, Bonakchi H, Shahidi M. The prognostic importance of BCR-ABL transcripts in Chronic Myeloid Leukemia: A systematic review and meta-analysis. *Leukemia Research*. 2021 Jan 19; 101:106512-.
9. Siyadat P, Ayatollahi H, Barati M, Sheikhi M, Shahidi M. High-Resolution Melting Analysis for Evaluation of mir-612 (Rs12803915) Genetic Variant with Susceptibility to Pediatric Acute Lymphoblastic Leukemia. *Reports of Biochemistry & Molecular Biology*. 2021 Jan;9(4):385.
10. Boustani H, Khodadi E, Shahidi M. Autophagy in Hematological Malignancies: Molecular Aspects in Leukemia and Lymphoma. *Laboratory medicine*. 2021 Jan;52(1):16-23.
11. Ghanbari OB, Soleimani M, Shahidi M, Ghiass MA, Enderami SE, Dorgalaleh A. Differentiation of human induced pluripotent stem cells to megakaryocyte lineage by using 3D bioreactor,

microfluidic system, and acellular rat lung. *Biochemical Engineering Journal*. 2021 Jan 15; 165:107822.

12. Gholami MS, Shahidi M, Tabibian S, Naderi M, Dorgalaleh A. Genotyping of blood groups in allo-immunized patients with β -thalassemia major by T-ARMS-PCR and multiplex-aso-PCR. *Transfusion and Apheresis Science*. 2021 Feb 1;60(1):102984.
13. Shakouri M, Hosseini MS, Dorgalaleh A, Shahidi M, Zaker F. Complete Genotype and Clinical Phenotype of Hemophilia B: A Study on Iranian Patients. *Journal of Cellular & Molecular Anesthesia*.;2021, 6(1):3-8.
14. Shahidi M, Parhizkary F, Sharifi R, Ghotaslou A, Barati M. Effects of resveratrol on coagulative, fibrinolytic, and inflammatory marker expression and secretion by endothelial cells (human umbilical vein endothelial cells). *Blood Coagulation & Fibrinolysis*. 2020 Apr 1;31(3):207-12.
15. Piri Z, Kourosch Arami M, Shahidi M, Nazari S. Alteration of Hematologic Parameters in Morphine-Dependent Rats by Long-Term Administration of Orexin Type 1 Receptor Antagonist. *International Journal of High-Risk Behaviors and Addiction*. 2020 Sep 30;9(3).
16. Balavandi Z, Neshasteh-Riz A, Koosha F, Eynali S, Hoormand M, Shahidi M. The Use of β -Elemene to Enhance Radio Sensitization of A375 Human Melanoma Cells. *Cell Journal (Yakhteh)*. 2020 Jan 1;21(4).
17. Shokouhian M, Shahidi M, Gholampour MA. The Effect of miR-155 on DNA Damage in Mesenchymal Stem Cells. *Cell and Tissue Biology*. 2020 Sep;14(5):341-8.
18. Farzanegan A, Shokouhian M, Jafari S, Shirazi FS, Shahidi M. Anti-histaminic effects of resveratrol and silymarin on human gingival fibroblasts. *Inflammation*. 2019 Oct;42(5):1622-9.
19. Shahidi M, Sharifi R, Sadeghi-Shirazi F, Parhizkary F. The Generation of hematopoietic Progenitor Cells from Endothelial Cells by Silymarin. *Clinical laboratory*. 2018 Oct;64(11).
20. Mehdipour M, Shahidi M, Manifar S, Jafari S, Abbas FM, Barati M, Mortazavi H, Shirkhoda M, Farzanegan A, Rankohi ZE. Diagnostic and prognostic relevance of salivary microRNA-21,-125a,-31 and-200a levels in patients with oral lichen planus-a short report. *Cellular Oncology*. 2018 Jun 1;41(3):329-34.
21. Shahidi, Minoo, et al. "Predictive value of salivary microRNA-320a, vascular endothelial growth factor receptor 2, CRP and IL-6 in Oral lichen planus progression." *Inflammopharmacology* (2017): 1-7.
22. Shahidi, Minoo, Najibeh Esmaeili, Mohammad Faranoosh, Ahmad Kazemi, Mahmood Barati, and Nafise Ansarinejad. "Endothelial tip cell formation induced by chronic lymphocytic leukemia plasma (JAK2 positivity amplified this effect)." *Journal of Hematopathology* (2017): 1-7.

23. Shahidi, Minoo, Seyed Mohsen Razavi, and Parisa Hayat. "Induction of endothelial cell proliferation and von Willebrand factor expression and secretion by leukemic plasma of patients with chronic lymphocytic leukemia before and after inhibition of NF- κ B." *Blood Coagulation & Fibrinolysis* 27, no. 6 (2016): 711-716.
24. Shahidi, Minoo. "Thrombosis and von Willebrand Factor." In *Thrombosis and Embolism: from Research to Clinical Practice*, pp. 1-22. Springer International Publishing, 2015.
25. Shahidi, Minoo, et al. "The in vitro effects of sodium salicylate on von Willebrand factor and C-reactive protein production by endothelial cells." *Inflammopharmacology* 22.6 (2014): 367-372 showing.
26. Shahidi M 'Could platelet-rich plasma affect tip cell production in human vascular endothelial cell cultures?' *Iranian Journal of blood and cancer* 3 (2015):104
27. Shiran, M. B., M. Barzegar Marvasti, A. Shakeri-Zadeh, M. Shahidi, N. Tabkhi, F. Farkhondeh, E. Kalantar, and A. Asadinejad. "Enhancement of Toxic Substances Clearance from Blood Equivalent Solution and Human Whole Blood through High Flux Dialyzer by 1 MHz Ultrasound." *Journal of Biomedical Physics and Engineering* 7, no. 2 Jun (2017).
28. Shahidi.M. Determining the Criteria for Attracting Foreign Students in Iranian Medical Universities from the Viewpoint of Faculty Members. *Iranian Journal of Medical Education*. 2020 Apr 10; 20:194-204.
29. Shahidi Minoo, Jahromy Mahsa Hadipour, Hossein Jafari, and Alireza jafari." investigation of the effect of electromagnetic fields with low frequency on anxiety in male mice." (2016): 79-87
30. Heidarpourian Samaneh¹, Shahidi Minoo², Kazemi Ahmad³, RazaviMohsen⁴, Basi Ali⁵, Hayaparisah⁶"A comparison between circulating endothelial cell numbers and plasma vWF levels in the patient with chronic lymphocytic leukemia and their association with other hematologic findings." *Payavard Salamat* (2015).
31. Shahidi M, Motavalian M "Study on cell cycle and DNA content of WBC in mouse after Chlorine Poisoning. *Journal of Iran Medical University* 48, 2005):1
32. Jafari H, Abbassi A, Miri S, Shahidi M. Effect of *Allium sativum* L. aqueous extract on contraction power of isolated atrium from rats following administration of adrenaline. *The Journal of Qazvin University* 9. 4 (2006):25-29

Research Experiences

1. Evaluation of angiogenesis in multiple myeloma cell line (AMO-10) in **co-culture** with endothelial cells (HUVEC), before and after treatment with AMG232.
2. Investigation of the effects of AMG 232 and MLN0905 drugs on the apoptosis and expression of selected autophagy genes in B and T acute lymphoblastic leukemia after treatment with doxorubicin.
3. Investigation of the effects of AMG 232 and MLN0905 drugs on the apoptosis and expression of selected autophagy genes in B and T acute lymphoblastic leukemia after treatment with doxorubicin.
4. Evaluation of the effect of melatonin on **angiogenesis**, coagulation, and fibrinolytic markers in acute **promyelocytic leukemia** (NB4) in a **co-culture system**.
5. Evaluation of the inhibitory effect of Tetrahydroisoquinoline on the expression of **micro-vesicles & angiogenic markers in co-culture of multiple myeloma** and endothelial cells.
6. Investigation of the effect of single or combinational T53R2, Thymidylate synthase, and Major Vault Protein (MVP) **siRNA** on sensitization of B and T acute **lymphoblastic leukemia** cells to Daunorubicin.
7. Investigation of the effects of AMG 232 and MLN0905 drugs on the apoptosis and expression of selected **autophagy** genes in B and T acute **lymphoblastic leukemia** after treatment with doxorubicin.
8. Assessment of resveratrol effect on **ETosis** phenomenon levels in **NB4 cell lines**.
9. Evaluation of the prognostic **Hematological and biochemical parameters** along with inflammatory markers in patients with **COVID-19** in Iran (Isfahan).
10. 10) Investigation of **MicroRNA 31, 200a, 125a** as the salivary prognostic biomarkers of malignant transformation and MicroRNA 320 as an angiogenetic marker in patients with **oral lichen planuse** and lichenoid lesion.
11. The effect of **miR-155** on genomic instability in **CD34+ cord blood hematopoietic stem cells**.
12. Determination of **minor blood group patterns** in the southeast of Iran with molecular methods and investigation of alloimmunization probability in **major thalassemia** patients by receiving random blood.
13. Evaluation of the **Netotic** effect of Tetrahydroisoquinoline on neutrophil cells treated with plasma containing platelets of **Essential thrombocythemia (ET)** patients in comparison with platelet-rich plasma (PRP) of healthy people.
14. The effect of **Resveratrol** on **angiogenic** regulating factors gene expression in T acute lymphoblastic leukemia cell line.

15. Distinct and Combination of Proliferatory and **Anti-Inflammatory** Effects of **Resveratrol & Silymarin** on Human Gingival Fibroblast (HGF) after and before treatment with LPS and Histamine.
16. Evaluation of single nucleotide **polymorphism** within miR612 miR608 and miR605 and correlation of them with susceptibility to childhood B cell precursor acute **lymphoblastic leukemia**.
17. Evaluation of the resveratrol effects on **T acute lymphoblastic leukemia cells** and endothelial cells alone and in a co-culture system by detection of an **angiogenic factor** in T acute lymphoblastic leukemia cells and angiogenic factor and apoptosis in endothelial cells.
18. Studying the mechanism of orexin effect on cAMP and CREB in hippocampal neurons of rat.
19. Investigation of the effect of idasanutlin (RG-7388) on apoptosis and **multi-drug resistance gene expression** of **B and T-ALL cells** treated with Daunorubicin and Methotrexate.
20. The Effect of **chronic lymphoid leukemia (CLL)** patient plasma on endothelial production of germ cells (**Tip Cell**) in the culture medium.
21. The effect of **chronic leukemic** plasma on endothelial cell cycle before and after the suppression of the **NF-KB** signaling pathway
22. Circulating endothelial cell detection in blood could be a prognostic factor in patients with chronic leukemia.
23. The effect of **Resveratrol** on **angiogenic** regulating factors gene expression in **T acute lymphoblastic leukemia** cell line.
24. The effect of **silymarin** on endothelial cell **homeostatic and fibrinolytic** functions in comparison with Vasopressin in cell culture.
25. Investigation of the mechanism of **C-reactive protein thrombotic effects** on Human Coronary Artery Endothelial Cells.
26. Study of quantity, quality, **cell cycle, and DNA content** of white blood cells in mice after Chlorine poisoning.
27. The Effect of Sulphur dioxide (SO₂) on the **cell cycle** of blood, lung, & liver cells

International Chapter, Persian Books, and Dissertation

English:

1. **Shahidi, M.** (2016). Thrombosis and von Willebrand Factor. In: Islam, M. (eds) Thrombosis and Embolism: from Research to Clinical Practice. **Advances in Experimental Medicine and Biology**, vol 906. Springer, Cham. https://doi.org/10.1007/5584_2016_122.(Chapter)
2. **Shahidi M.** The inflammatory and thrombotic effects of C-reactive protein on endothelial cells. University of Surrey (United Kingdom); 2010. (Dissertation)

Books:

1. Cell culture Methods (2022).
2. Types of methods for blood group determination (2021).
3. Basic Hematology from Hematopoiesis to Hemoglobinopathy: Published by Faculty of Allied Medicine, Iran University of Medical Sciences (2009).
4. Leukocytes and hematologic disorders: Published by Faculty of Allied Medicine, Iran University of Medical Sciences (2001).
5. A guidebook for the examination of medical technology (part of Haematology & Blood Banking, Published by Andishe Rafi (2009).
6. Techniques in Immunohematology, Published by Roodgoon & Sinateb (2014).
7. From screening to quality control in blood banking (2018).
8. News in innate immunity Published by Mehregan Danesh (2018)
9. Blood banking from screening to quality control Published by Ketab mah (2018).
10. Warfarin and I, Published by Sabora (2015).
11. Standards for Clinical Sample Collection, Published by Sayegostar & Mehregan Danesh (2016).
12. MSc Hematology and Blood Bank Entrance Exam, Published by Artin teb (2016).
13. Laboratory Management (quality in Clinical Laboratory), Published by Sayegostar & Mehregan Danesh (2015).

Teaching Experience in the UK (University of Surrey)

1. Introduction to immunology: BSc students (2008-2009)
2. Practical Immunology: MSc students (2008-2010)
3. Practical Hematology: BSc students (2009-2010).
4. Practical Biochemistry and Immunology: BSc students (2008-2009)
5. Practical Biochemistry and Chemistry I: BSc students (2008-2009)
6. Demonstrating of Practical Cell and Molecular Biology: BSc students (2008-2010)
7. Key skill I (statistics): BSc students (2008-2009)

Teaching Experience in Iran

1. Blood Transfusion
2. Advanced Methods in Hematology
3. Cell therapy
4. Advances in Immuno-hematology
5. Hematology
6. Quality control in Hematology & blood banking
7. Hemato-morphology
8. Cell culture, etc.: Ph.D. MSc & BSc students (1999 up now)
9. Transmitted Infectious diseases through blood and blood products

Certificates of Invention

1. A diagnostic kit for genotyping of the Kell blood group
2. A drug to reduce the rate of Heart (Allium Sativum L, extracted from Garlic)
3. A drug to inhibit the acute & chronic pain (it is extracted from Viola Odarata)

Awards

1. A selected representative of the E-Learning Management System LMS (2020)
2. A selected academic member (2017)
3. BSI Award (British Society for Immunology) for taking part in the XXII Congress of the International Society on Thrombosis and Hemostasis, Boston, USA, July (2009).
4. Berend Houwen Travel Award ISLH (International Society for Laboratory Hematology) for taking part in ISLH, New Orleans, USA (2011).
5. A certificate of IUMS as a topic researcher

Published Abstracts

At International Congress:

1. Shahidi M, Amirzargar MohamadReza: Impact of Netosis in Covid -19, 3rd International Congress on Inflammation, 2023
2. Shahidi M: Generation of hematopoietic stem cells from endothelial cells, **Regenerative Medicine and stem cells (RMST), Singapore, November 14-16, 2017**
3. Shahidi M: in vitro effect of Platelet-rich plasma on the production of angiogenic cells in HUVECs, **International Society for Laboratory Hematology, Milano, Italy May 12-14, 2016**
4. Shahidi M, Esmaili 'Platelet-rich plasma reduced vascular endothelial growth factor receptor-2 (VEGFR2) levels in human vascular endothelial cell culture' **European Congress of Immunology, Vienna, 2015**
5. Shahidi, M, 'C-reactive protein increases von Willebrand Factor and decreases tissue plasminogen activator production by endothelial cells. 4th congress of **clinical Laboratory, Iran, 2011.**
6. Shahidi M, L. Powell, E. Oviedo-Orta and K. Bodman-Smith 'Incubation of endothelial cells with CRP results in alteration of FcγR expression' XXII Congress of the **International Society on Thrombosis and Hemostasis, Boston, USA, July 2009.**
7. Shahidi M, N. Panchal, S. Wright, C. Adams, E. Oviedo-Orta, and K. Bodman-Smith 'Is there a role for C-reactive protein in endothelial cell activation and the atherogenic process?' Faculty of **Health and Medical Sciences, Research Festival, UK, July 2008.**
8. Shahidi M, N. Panchal, S. Wright, C. Adams, E. Oviedo-Orta and K. Bodman-Smith 'The role of C-reactive protein in endothelial cell activation and the atherogenic process' Faculty of Health and Medical Sciences, **Research Cardiovascular Research Symposium, UK, October 2007.**
9. Shahidi M, Jafari H. 'The Effect of Sulphur dioxide (SO₂) on cell cycle of blood, lung and liver cells. **European Federation of Neurological Science, Glasgow, UK, September 2006.**
10. Shahidi M, Motavalian M. 'Study on cell cycle and DNA content of WBC in mice after Chlorine Poisoning'. **European Federation of Neurological Science, Athens, Greece, September 2005.**
11. Jffari H, Shahidi M, Miri SR, Garebaghi R, Yadegari S. 'Effects of Trachyspermum Copticum L on Morphin's Withdrawal Syndrome Signs in rats. **European Federation of Neurological Science Franc, Paris, France, September 2004.**
12. Shahidi M. **European Federation of Neurological Sciences, Helsinki, Finland September 2003**
13. Shahidi M. **Medicinal Plants in Thailand, 2002**
14. Shahidi M. Study on the relationship between DNA content and Immunological classification in children with ALL. **Physiology & pharmacology Congress, Russia 1998.**

At National (Iranian) congress:

1. Shahidi M: 'C-reactive protein increases von Willebrand Factor and decreases tissue plasminogen activator production by endothelial cells' the 4th Congress of Laboratory & Clinic, Medical University of Shahid Beheshti, Tehran, Iran, 2011
2. Shahidi M: The 2nd Federation of Asia-Oceanian Neuroscience Societies (FAONS), Medical University of Shahid Beheshti, Tehran, Iran, 2004.
3. Shahidi M. 'Study on the relationship between DNA content (ploidy) & Immunophenotype in children with ALL' The first student congress of cancer, Shahed University, Iran, 2003.
4. Shahidi M. 'Study of Hematologic parameters in Addicts rats. Congress on Addiction: Challenges & Treatments, Zahedan, Iran, 2003' Shahidi M. 'Evaluation of the effects of Trachyspermum copticum to reduce the Morphine's Withdrawal Syndrome signs. The Congress on Addiction: Challenges & Treatments Zanjan, Iran, 2002
5. Shahidi M. 'Study on DNA content in lymphocytes of mice after chlorine poisoning'. The Congress of Military Medicine, Iran, 2002
6. Shahidi M. 'The role of hydrocortisone in the prevention of pathologic effects after chlorine poisoning'. The Congress of Military Medicine, Iran, 2002.
7. Shahidi M. The 2nd Federation of Asian-Oceanian Neurosciences Society, Tehran University, Iran, 2004.
8. Shahidi M. The 3rd Scientific Annual Meeting of the Iranian Pain Society, Iran University, 2003.
9. Shahidi M. 'Study on Hematologic Parameter in addicted rats' The 16th Congress of physiology & pharmacology, Tarbiat Modares University, Iran, 2003.
10. Shahidi M. 'Serum Bacterial activity against Yersinia Enterocolitica in Thalassemia' The Third Microbiology Congress. Hamadan, Iran, 2000.
11. Shahidi M. 'The Effect Of Uhembin On' The first congress of Family and Sexual problems, Shahed University, Iran, 2003.
12. Shahidi M. 'Evaluation of the effects of Trachyspermum copticum to reduce the Morphine's Withdrawal Syndrome signs. The Congress on Addiction: Challenges & Treatments Zanjan, Iran, 2002
13. Shahidi M. 'Study on DNA content in lymphocytes of mice after chlorine poisoning'. The Congress of Military Medicine, Iran, 2002
14. Shahidi M. 'The role of hydrocortisone in the prevention of pathologic effects after chlorine poisoning'. The Congress of Military Medicine, Iran, 2002.
15. Shahidi M. The 2nd Federation of Asian-Oceanian Neurosciences Society, Tehran University, Iran, 2004.
16. Shahidi M. The 3rd Scientific Annual Meeting of the Iranian Pain Society, Iran University, 2003.

17. Shahidi M. 'Study on Hematologic Parameter in addicted rats' The 16th Congress of physiology & pharmacology, Tarbiat Modaress University, Iran, 2003.
18. Shahidi M. 'Serum Bacterial activity against Yersinia Enterocolitica in Thalassemia' The Third Microbiology Congress. Hamadan, Iran, 2000.

Workshops (IRAN)

- Principle of advanced cell culture (as a lecturer 2023)
- Cell culture advanced Methods (as a lecturer, 2022)
- An overview of the Learning Management System (LMS) Iran University of Medical Sciences (as a lecturer, 2022)
- Peripheral blood cell and bone marrow morphology workshop and reporting principles (as the Scientific Secretary and the lecturer) Iran University of Medical Sciences (2020)
- Teaching methods for in-person and virtual education (as a lecturer): Iran University of Medical Sciences (Jan 11, 2020)
- Carboxytherapy and angiogenesis (as a lecturer): Iran University of Medical Sciences (2017)
- Problem-based learning (as a lecturer): Iran University of Medical Sciences (2016)
- Immunohematology & Blood banking (as a lecturer): Iran University of Medical Sciences (2015)
- Knowledge Transfer and Exchange: Iran University of Medical Sciences (2015)
- Workshop on personal knowledge: Iran University of Medical Sciences (2015)
- Smart Health& Wellbeing: Shahid Beheshti University of Medical Sciences (2014)
- Ethics in medicine (1) at the Tehran University of Medical Sciences and Health Services (2011)
- Ethics in medicine (2) at the Tehran University of Medical Sciences and Health Services (2011)
- International Computer Driving License (ICDL) Workshop, Iran University of Medical Sciences, Tehran, Iran, 2004-2005
- Introductory course in medical education, Iran University of Medical Sciences, Tehran, Iran, 1995

Workshops and Courses (UK)

- Fundamentals of clinical research and GCP at the University of Surrey (2008).
- Academic writing at the University of Surrey (2007).
- Introductory Course for New research Students University of Surrey (2007).

