



## CURRICULUM VITAE

2023

### **PERSONAL INFORMATION:**

First Name: **Leila**  
Last Name: **Safaeian**  
Date of Birth: 21/01/1971  
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### **CONTACT INFORMATION:**

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### **CURRENT & PREVIOUS POSITIONS:**

- Head of Isfahan Pharmaceutical Research center (2023-continued)
- Professor of Pharmacology, School of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical sciences (2022-continued)
- Associate Professor of Pharmacology, School of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical sciences (2017-2022)
- Head of Research and Development Office, Vice Chancellery for Food and Drugs, Isfahan University of Medical sciences (2013-2017)
- Assistant Professor of Pharmacology, School of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical sciences (2011-2017)

### **EDUCATION:**

- 2001- 2007: Ph.D. of Pharmacology, Isfahan University of Medical Sciences, Isfahan, Iran.
  - **Ph. D. Thesis:** The role of angiotensin type 2 receptor (AT<sub>2</sub>) in bleomycin-induced apoptosis, bcl-2 and bax genes expression and pulmonary fibrosis in mice
- 1990-1996: Doctor of Pharmacy (Pharm. D.), School of Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran.
  - **Pharm. D. Thesis:** GC analysis for detection and determination of N,N-dimethylaniline and dichloromethan in penicillines and cephalosporines

### **PUBLICATIONS:**

#### **BOOKS:**

1. **Basic & Clinical Pharmacology. 12<sup>th</sup> Edition**

*Publisher:* Hayyan Press, Tehran. **2011** (Translation, in Farsi)  
*Translators:* Sarahroodi S, Zaeemzadeh N, **Safaeian L**, Zaeemzadeh L.  
*Authors:* Bertram G. Katzung, Susan B. Masters, Anthony J. Trevor

**2. Managing Disposal of Pharmaceutical Waste**

*Publisher:* Isfahan University of Medical Sciences, Vice Chancellor for Research.  
**2011** (in Farsi)  
*Authors:* **Safaeian L**, Khakbaz H, Ghadirkhomi A

**3. Symptoms in the Pharmacy. 6<sup>th</sup> Edition**

*Publisher:* Isfahan University of Medical Sciences, Vice Chancellor for Research.  
**2011** (Translation, in Farsi)  
*Translators:* **Safaeian L**, Rostami A, Najafzadeh H.  
*Authors:* Alison Blenkinsopp, Paul Paxton, John Blenkinsopp

**4. Symptoms in the Pharmacy. 4<sup>th</sup> Edition**

*Publisher:* Isfahan University of Medical Sciences, Vice Chancellor for Research.  
**2005** (Translation, in Farsi)  
*Translators:* **Safaeian L**, Rostami A, Najafzadeh H.  
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**PAPERS:**

1. **Safaeian L\***, Haghighatian Z, Zolfaghari B, Amindeldar M. Cardioprotective effects of Pinus eldarica bark extract on adrenaline-induced myocardial infarction in rats. Asian Pacific Journal of Tropical Biomedicine. 2023 Apr 1;13(4):148.
2. Sadeghi Dinani M, **Safaeian L\***, Mohsen M, Mohammadzamani Y. Allium affine extract improves dexamethasone-induced hyperlipidemia in rats. Research Journal of Pharmacognosy. 2023 Apr 1;10(2):9-17. [indexed in ISI].
3. Shafiee F, **Safaeian L\***, Gorbani F. Protective effects of protocathechuic acid against doxorubicin-and arsenic trioxide-induced toxicity in cardiomyocytes. Research in Pharmaceutical Sciences. 2023 Apr;18(2):149. [indexed in ISI].
4. **Safaeian L\***, Shafiee F, Haghighatnazar S. Andrographolide protects against doxorubicin-and arsenic trioxide-induced toxicity in cardiomyocytes. Molecular Biology Reports. 2023 Jan;50(1):389-97. [indexed in ISI; IF= 2.74].
5. Ahmadipour S, Varshosaz J, Hashemibeni B, Manshaei M, **Safaeian L**. In vivo assessment of bone repair by an injectable nanocomposite scaffold for local co-delivery of autologous platelet-rich plasma and calcitonin in rat model. Drug Development and Industrial Pharmacy. 2022; 48(3): 98-108 [indexed in ISI; IF= 3.72].
6. **Safaeian L\***, Zolfaghari B, Haghighatian Z, Etebari M, Nasirimoghadam T. Acute and sub-acute toxicity studies of hydroalcoholic extract of *Allium affine* aerial parts in Wistar rats. Journal of Acute Disease. Jan 2022; 11(1): 32-41 [indexed in ISI].
7. Yegdanesh A, **Safaeian L\***, Halvaei-Varnousfaderani M, Bazvand S. Antihyperlipidemic and Antioxidant Effects of Ethanol Partition of *Sargassum angustifolium* in Dexamethasone-Induced Dyslipidemic Rats. Research Journal of Pharmacognosy. Winter 2022; 9(1): 39-49 [indexed in ISI].
8. **Safaeian L\***, Shafiee F, Naderi M. Pramlintide: an Amylin Analogue Protects Endothelial Cells against Oxidative Stress through Regulating Oxidative Markers and

NF- $\kappa$ B Expression. International Journal of Preventive Medicine. Feb 2022; 13: 20. IP: 176.102.245.42 [indexed in ISI].

9. Yegdaneh A, **Safaeian L\***, Mina Mirian, Nasim Dana, Mohadeseh Taheri. Holothurin B isolated from *Holothuria atra* inhibits angiogenesis more potent than curcumin in vitro. Research Journal of Pharmacognosy. Spring 2021; 8(3): 33-40 [indexed in ISI].
10. **Safaeian L\***, Ghanadian M, Haghighatian Z, Shafiee-Moghadam Z. Liver histopathological effects of hydroalcoholic, chloroform, butanol and aqueous fractions of *Teucrium polium* in dexamethasone-induced hyperlipidemic rats. Academia Journal of Medicinal Plants. March 2021; 9(3): 034-037 [indexed in CAS].
11. Ahmadipour S, Varshosaz J\*, Hashemi-Beni B, **Safaeian L**, Manshaei M, Sarmadi A. Calcitonin Loaded Octamaleimic Acid-Silsesquioxane Nanoparticles in Hydrogel Scaffold Support Osteoinductivity in Bone Regeneration. Pharmaceutical Development and Technology. Feb 2021; 26(2): 220–232 [indexed in ISI; IF= 3.133].
12. **Safaeian L\***, Yegdaneh A, Mobasherian M. The Effect of *Sargassum angustifolium* Ethanol Extract on Cadmium Chloride-Induced Hypertension in Rat. Research Journal of Pharmacognosy. Winter 2021; 8(1): 81-89 [indexed in ISI].
13. **L. Safaeian\***, Goodarzi A. Cardiovascular complications of covid-19: treatment protocols and considerations. Razi, 2021; 32 (7): 33948-33955 [Indexed in Magiran].
- 14.
15. **L. Safaeian\***, M. Mirian, Sh. Bahrizadeh. Evolocumab, a PCSK9 inhibitor, protects human endothelial cells against H<sub>2</sub>O<sub>2</sub>-induced oxidative stress. *Archives of Physiology and Biochemistry*. 2020 [indexed in PubMed and ISI; IF= 4.076].
16. **Leila Safaeian\***, Golnaz Vaseghi, Mina Mirian, Mehdi Dehghani. The effect of pramlintide, an antidiabetic amylin analogue on angiogenesis-related markers in vitro. *Research in Pharmaceutical Sciences*. Aug 2020; 15(4): 323-330 [indexed in PubMed and ISI].
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18. B. Yavarian, **L. Safaeian\***, B. Zolfaghari, M. Etebari, H. Sharifi. Cytotoxicity, acute and sub-acute toxicity evaluations of *Allium elburzense* bulb hydroalcoholic extract. *Research Journal of Pharmacognosy*. July 2019; 8 (3): 256-260 [indexed in ISI].
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21. B Baniahmad, **L Safaeian\***, G Vaseghi, M Rabbani, B Mohammadi. Cardioprotective effect of vanillic acid against doxorubicin-induced cardiotoxicity in rat. *Research in Pharmaceutical Sciences*. Feb 2020; 15 (1): 87-96 [indexed in PubMed and ISI].
22. **Leila Safaeian\***, Behzad Zolfaghari, Najmeh Assarzadeh, Akram Ghadirkhomi. Antioxidant and Antihyperlipidemic Effects of the Bark Extract of *Pinus eldarica* in Dexamethasone-Induced Dyslipidemic Rats. *Journal of Advances in Medical and Biomedical Research*. Nov & Dec 2019, 27(125): 49-56 [Indexed in Scopus].

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24. **Safaeian L\***, Rashidi M. Migraine treatment by targeting calcitonin gene-related peptide. *Razi*, 2020; 31 (3): 29-33[Indexed in Magiran].
25. Feghhi S, **Safaeian L\***, Zolfaghari B. *In vitro* antioxidant effects of different extracts obtained from the leaves and seeds of *Allium ampeloprasum* Subsp. *Persicum*. *Journal of Herbmed Pharmacology*, 2019; 8 (3): 256-260 [Indexed in Scopus].
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31. **Safaeian L\***, Sarrafchi S. Inhibition of PCSK9 enzyme is a novel strategy for treating hypercholesterolemia. *Razi*, 2018; 29 (2): 55-59.
32. **L. Safaeian\***, S. Karimi, B. Zolfaghari, A. Talebi, M. Agha Ghazvini. The effects of hydroalcoholic extract of *Allium elburzense* Wendelbo bulb on dexamethasone-induced dyslipidemia, hyperglycemia, and oxidative stress in rats. *Research in Pharmaceutical Sciences*, 2018; 13(1): 22-29 [indexed in PubMed and ISI].
33. **Safaeian L\***, Ghanadian M, Shafiee-Moghadam Z. Antihyperlipidemic effects of different fractions obtained from *Teucrium polium* hydroalcoholic extract in rats. *International Journal of Preventive Medicine*, 2018; 9 (30):1-5 [indexed in PubMed and ISI].
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37. **Leila Safaeian\***, Behzad Zolfaghari, Mohammadreza Aghaye-Ghazvini, Mahya Behnampor. Evaluation of fibrinolytic and antioxidant effects of *Allium elburzense* bulb extracts. *Avicenna Journal of Phytomedicine*, 2017;7 (3):223-231 [indexed in PubMed and ISI].

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40. **Safaeian L\***, Sajjadi SE, Javanmard SH, Montazeri H, Samani F. Protective effect of *Melissa officinalis* extract against H<sub>2</sub>O<sub>2</sub>-induced oxidative stress in human vascular endothelial cells. *Research in Pharmaceutical Sciences*, 2016; 11(5): 383-389 [indexed in PubMed and ISI].
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42. Z Esfandiari, M Jalali, **L Safaeian**, J S Weese. A review on epidemiology of *Clostridium difficile* infection. *Tehran University Medical Journal*, August 2016; Vol. 74, No. 5: 305-313 [indexed in Scopus].
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45. Akram Ghadirkhomi, **Leila Safaeian\***, Behzad Zolfaghari, Mohammadreza Aghaye-Ghazvini, Parisa Rezaei. Evaluation of acute and subchronic toxicity of *Pinus eldarica* bark extract in Wistar rats. *Avicenna Journal of Phytomedicine*, 2016; 6 (5): 558-566 [indexed in PubMed and ISI].
46. Fatemeh Babaee, **Leila Safaeian\***, Behzad Zolfaghari, Shaghayegh Haghjoo Javanmard. Cytoprotective Effect of Hydroalcoholic Extract of *Pinus eldarica* Bark Against H<sub>2</sub>O<sub>2</sub>-Induced Oxidative Stress in Human Endothelial Cells. *Iranian Biomedical Journal*, 2016 Jul;20(3):161-7 [indexed in PubMed].
47. **Leila Safaeian\***, Valiollah Hajhashemi, Shaghayegh Haghjoo Javanmard and Hamed Sanaye Naderi. The effect of protocatechuic acid on blood pressure and oxidative stress in glucocorticoid-induced hypertension in rat. *Iranian Journal of Pharmaceutical Research*, (2016), 15 (Special issue): 83-91 [indexed in PubMed and ISI; IF=].
48. Mohammad Ali Shahtalebi, Atefeh Sadat-Hosseini, **Leila Safaeian**. Preparation and evaluation of clove oil in emu oil self-emulsion for hair conditioning and hair loss prevention. *Journal of HerbMed Pharmacology*. 2016; 5(2): 72-77 [indexed in CAS].
49. **Leila Safaeian\***, Seyed Ebrahim Sajjadi, Shaghayegh Haghjoo Javanmard, Hadi Gholamzadeh. Antihypertensive and antioxidant effects of *Kelussia odoratissima* Mozaff. on dexamethasone-induced hypertension in rat . *Advanced Biomedical Research*, 2016, 5:25 [indexed in PubMed].
50. **Leila Safaeian\***, Shaghayegh Haghjoo Javanmard, Yaser Mollanoori, Nasim Dana. Cytoprotective and antioxidant effects of human lactoferrin against H<sub>2</sub>O<sub>2</sub>-induced oxidative stress in human endothelial cells (HUVECs). *Advanced Biomedical Research*, 2015, 4:188 [indexed in PubMed].
51. **Leila Safaeian\***, Azin Khajepour. Phosphodiesterase inhibitors with herbal origin. *Razi*, 2015, 26 (4): 269-276.

52. **Leila Safaeian\***, Abolfazl Azami Tameh, Alireza Ghannadi, Elmira Akbari Naghani, Hamed tavazoei, Alireza Abed, Samaneh sadat Alavi. Protective effects of *Echium amoenum* fisch. et mey. against transient cerebral ischemia in the rats. *Advanced Biomedical Research*, 2015;4:107 [indexed in PubMed].
53. Hajar Naji Esfahani, Golnaz Vaseghi, **Leila Safaeian**, Alia Pilevarian, Alireza Abed, Mahmood Rafieian. Gender differences in mice model of chemotherapy induced – neuropathic pain. *Laboratory Animals*, 2015 Mar 2. [Epub ahead of print] [indexed in PubMed and ISI; IF=].
54. **Leila Safaeian\***, Alireza Ghannadi, Shaghayegh Haghjoo Javanmard and Mohammad Hadi Vahidian. The effect of hydroalcoholic extract of *Ferula foetida* Bunge (Regel). stems on blood pressure and oxidative stress in dexamethasone-induced hypertensive rats. *Research in Pharmaceutical Sciences*, 2015; 10(4): 326-334 [indexed in PubMed].
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56. **Leila Safaeian\***, Nasrollah Ghasemi dehkordi, Shaghayegh Haghjoo Javanmard, Hamidreza Namvar. Antihypertensive and antioxidant effects of *Otostegia persica* (Burm.) Boiss. aerial parts hydroalcoholic extract in glucocorticoid-induced hypertensive. *Research in Pharmaceutical Sciences*, 2015, 10:192-199 [indexed in PubMed].
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58. **Leila Safaeian\***, Shaghayegh Haghjoo Javanmard, Mustafa Ghanadian, Sima Seifabadi. Cytoprotective and antioxidant effects of *Echium amoenum* anthocyanin-rich extract in human endothelial cells (HUVECs). *Avicenna Journal of Phytomedicine*, 2015; 5 (2): 157-166 [indexed in PubMed].
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70. **L. Safaeian\***, A. Jafarian, M. Rabbani, H.M. Sadeghi, N. Afshar-Moghaddam and S. Sarahroodi. Comparison of bleomycin-induced pulmonary apoptosis between NMRI mice and C57BL/6 mice. *Research in Pharmaceutical Sciences*, February 2013; 8(1): 43-50 [indexed in PubMed].
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## **ABSTRACTS:**

### **International Congress:**

1. **Safaeian L**, Torabi-Nia N., Jafarian A., Sadeghi H.: *Expression of antiapoptotic bcl-2 gene in lung tissue in bleomycin-induced lung fibrosis in NMRI mice*. Poster presentation, Swiss Biomedical Research 2006 Symposia, **Geneva**-Switzerland, 23-24 Feb, 2006.
2. Mirkheshti N., **Safaeian L**, Alavi S.A., Ghassami F.: *Expression of bcl-2 gene in late pulmonary disorders of mustard gas chemical casualties*. Poster presentation, Swiss Biomedical Research 2006 Symposia, **Geneva**-Switzerland, 23-24 Feb, 2006.
3. Mirkheshti N., **Safaeian L**, Alavi S.A., Ghassami F.: *Expression of bcl-2 gene in late pulmonary adverse effects of mustard gas in animal model*. Poster presentation, Swiss Biomedical Research 2006 Symposia, **Geneva**-Switzerland, 23-24 Feb, 2006.

### **National and International Iranian Congress:**

1. **L. Safaeian**, M. Mirian, A. Yegdaneh, N. Dana, M.Taheri. Holothurin B Isolated from *Holothuria Atra* Inhibits Angiogenesis in Vitro. **4<sup>th</sup> International and 25<sup>th</sup> Iranian Congress of Physiology & Pharmacology**, Tehran, Iran, Oct 20-22, 2021



2. **L. Safaeian**, A. Yegdaneh, M. Mobasherian. Antioxidant and antihypertensive effects of ethanol extract of *Sargassum angustifolium* on CdCl<sub>2</sub>-induced hypertension in rat. **4<sup>th</sup> International and 25<sup>th</sup> Iranian Congress of Physiology & Pharmacology**, Tehran, Iran, Oct 20-22, 2021
3. **L. Safaeian\***, M. Mirian, Sh. Bahrizadeh. Cytoprotective Effect of Evolocumab as an Antihyperlipidemic Drug against H<sub>2</sub>O<sub>2</sub>-Induced Oxidative Stress in Human Endothelial Cells. **4<sup>th</sup> International Congress on Pharmacy Updates**, Tehran, Iran, Feb 17-20, 2021
4. **L. Safaeian\***, B. Zolfaghari, N. Assarzadeh, A. Ghadirkhomi. Antioxidant and Antihyperlipidemic Effects of the Bark Extract of *Pinus eldarica* in Dexamethasone-Induced Dyslipidemic Rats. **15<sup>th</sup> Iranian Congress of Toxicology**, Tehran, Iran, 19-22 Nov, 2019
5. **L. Safaeian**, G. Vaseghi, H. Jabari, N. Dana. In vitro proangiogenic activity of evolocumab as a PCSK9 inhibitor. **3<sup>rd</sup> International and 24<sup>th</sup> Iranian Congress of Physiology & Pharmacology**, 30 Oct- 1 Nov 2019.
6. **L. Safaeian**, R. Emami, V. Hajhashemi, Z. Haghighatian. Antihypertensive and antioxidant effects of protocatechuic acid in deoxycorticosterone acetate-salt hypertensive rats. **2<sup>nd</sup> International and 23<sup>th</sup> Iranian Congress of Physiology & Pharmacology**, Chabahar, Iran, 15-18 Feb, 2018
7. **L. Safaeian**, S. Karimi, B. Zolfaghari, A. Talebi, M. Agha Ghazvini. The effects of hydroalcoholic extract of *Allium elburzense* Wendelbo bulb on dexamethasone-induced dyslipidemia, hyperglycemia, and oxidative stress in rats. **2<sup>nd</sup> International and 23<sup>th</sup> Iranian Congress of Physiology & Pharmacology**, Chabahar, Iran, 15-18 Feb, 2018.
8. **Leila Safaeian**, Seyed Ebrahim Sajjadi, Hadi Gholamzadeh, Shaghayegh Haghjoo. The effects of *Kelussia odoratissima* Mozaff. on hypertension and oxidative stress in glucocorticoid-induced hypertensive rats. **6<sup>th</sup> Green Gold Congress**, Isfahan, Iran, 7-9 Feb 2018.
9. **Leila Safaeian**, Alireza Ghannadi, Hadi Vahidian. Antihypertensive and Antioxidant Effects of Hydroalcoholic Extract of *Ferula foetida* Stems in Dexamethasone-Induced Hypertensive Rats. **6<sup>th</sup> Green Gold Congress**, Isfahan, Iran, 7-9 Feb 2018.
10. **L. Safaeian**, H. Sanaye Naderi, V. Hajhashemi. Antihypertensive and antioxidant effects of protocatechuic acid in glucocorticoid-induced hypertensive rats. **15<sup>th</sup> Iranian Pharmaceutical Sciences Conferences**, Hamedan, Iran, Oct 17-19, 2017.
11. **Safaeian L.**, Mahdanian A, Salami S, Kebriaee-Zadeh J. Prescribing quality in medical specialists in Isfahan, Iran. Poster presentation, **International Congress of Quality, Safety and Rational Use of Drug**, Mashhad, Iran, 4-6 Nov, 2015.
12. **Leila Safaeian**, Nasrollah Ghasemi Dehkordi, Hamidreza Namvar. Antihypertensive and antioxidant effects of the hydroalcoholic extract from the aerial parts of *Otostegia persica* (Burm.) Boiss. in glucocorticoid-induced hypertensive rats. Poster presentation, **1<sup>st</sup> International and 22<sup>th</sup> Iranian Congress of Physiology & Pharmacology**, Kashan, Iran, 7-11 Sep, 2015.
13. **Safaeian L.**, Sajjadi E, Haghjoo Javanmard S, Gholamzadeh H. Antihypertensive and antioxidant effects of *Kelussia odoratissima* Mozaff. on dexamethasone-induced hypertension in rat. Poster presentation, **3<sup>rd</sup> National Congress on Prevention & Treatment by Complementary Medicine**. Isfahan, Iran, 19-21 Nov, 2014.
14. **Safaeian L.**, Zabolian H. Antihypertensive and antioxidant effects of lactoferrin on dexamethasone-induced hypertension in rat. Poster presentation, **21<sup>th</sup> International Iranian Congress of Physiology & Pharmacology**, Tbriz, Iran, 23-27 Aug, 2013.

15. **Safaeian L.**, Abed A. *The role of pharmacist in prevention and treatment of social pathologies*. Poster presentation, **National Congress of Social Pathologies**, Isfahan, Iran, 5-7 Feb, 2013.
16. Sarahroodi S, Maleki A, **Safaeian L**, Mikaili P, Esmaeili S. Effect of Hydroalcoholic Extract of Purpul Basil Retention Memory in Mice. Poster presentation, **Basic and Clinical Neuroscience Congress** 2012, Tehran, Iran, 7-9 Nov, 2012.
17. Sabzghabae A., Izadi Mood N., Gheshlaghi F., Adib N., **Safaeian L.** *Is there a relationship between admission blood glucose level following acute poisoning and clinical outcome?* Poster presentation, **13<sup>th</sup> Iranian Pharmaceutical Sciences Conferences**, Isfahan, Iran, 3-6 Sep, 2012. **Research in Pharmaceutical Sciences, 2012;7(5):S92.**
18. **Safaeian L.**, Jafarian A, Afshar-Moghaddam N, Sarahroodi S. *Anti-fibrotic effects of silymarin on bleomycin-induced pulmonary fibrosis in mice*. Poster presentation, **13<sup>th</sup> Iranian Pharmaceutical Sciences Conferences**, Isfahan, Iran, 3-6 Sep, 2012. **Research in Pharmaceutical Sciences, 2012;7(5):S814.**
19. **Safaeian L.**, Sadeghian G, Tabrizchi M.: *The role of pharmacist in prevention and treatment of chronic disease*. Poster presentation, **1<sup>st</sup> Conference in Community Oriented Services and Education in Chronic Disease**, Isfahan, Iran, 14-16 Dec, 2011.
20. **Safaeian L.**, Alavi S.A., Sarahroodi S: *Comparison of bleomycin-induced pulmonary apoptosis between NMRI mice and C57BL6 mice*. Poster presentation, **20<sup>th</sup> Iranian Congress of Physiology & Pharmacology**, Hamedan, Iran, 10-15 Oct, 2011.
21. **Safaeian L.**, Kebriaeizadeh J., Sadeghian G.: *Effects of silymarin in bleomycin-induced pulmonary fibrosis in mice*. Poster presentation, **The 2<sup>nd</sup> Seminar of Islamic Medicine**, Shiraz, Iran, 25 Feb, 2010.
22. **Safaeian L.**, Jafarian-Dehkordi A., Torabinia N, Alavi S.A.: *Strain variation in expression of bax and bcl-2 genes in bleomycin-induced pulmonary fibrosis in mice*. Poster presentation, **The 3<sup>rd</sup> International congress on Pulmonary Disease, Intensive Care and Tuberculosis**, Tehran-Iran, 15-18 Oct, 2007.
23. **Safaeian L.**, Jafarian-Dehkordi A., Rabbani M., MirMohammad-Sadeghi H., Afshar-Moghaddam N., Alavi S.A.: *The role of angiotensin type 2 (AT2) receptor in bleomycin-induced pulmonary fibrosis in mice*. Poster presentation, **18<sup>th</sup> Iranian Congress of Physiology & Pharmacology**, Mashhad-Iran, 26-30 Aug, 2007.
24. **Safaeian L.**, Jafarian A., Torabinia N.: *Effect of AT1 receptor blockade on apoptosis regulatory genes expression of lung tissue in bleomycin-induced pulmonary fibrosis*. Oral presentation, **The 9<sup>th</sup> Iranian Congress of Toxicology**, Shiraz, Iran, 15-17 May, 2007. **Iranian Journal of Pharmaceutical Sciences, 3 (2), 2007, Supplement 1, 11-12.**
25. **Safaeian L.**, Jafarian A., Afshar N., Rabbani M., Sadeghi H., Alavi S.A.: *Time course of bleomycin- induced pulmonary fibrosis in NMRI mice*. Poster presentation, **10<sup>th</sup> Iranian Pharmaceutical Sciences Conferences**, Tehran-Iran, 21-24 Aug, 2006. **Iranian Journal of Pharmaceutical Sciences, 2 (3), 2006, Supplement 1, 234-235.**

## **THESIS SUPERVISION:**

1. Preparation and evaluation of silica nanoparticles containing imatinib targeted with rituximab to target CD-20 receptors in Burkitt  $\beta$ -cells. Pharm. D. Thesis, Jul 2022.  
Supervisors: Varshosaz J, Teymoori S, Mirian M, **Safaeian L**  
Student: Saeideh Fard-shouraki
2. Anti-hyperlipidemic and antioxidant effects of hydroalcoholic extract of aerial parts of *Allium affine* in rat. Pharm. D. Thesis, April 2022.  
Supervisors: **Safaeian L**, Sadeghi M

*Student:* Moussa Mohsen

3. Evaluation of acute and subacute toxicity hydroalcoholic extract of *Allium affine*. Pharm. D. Thesis, Sep 2021.  
*Supervisors:* **Safaeian L**, Zolfaghari B, Etebari M, Haghighatian Z  
*Student:* Tala Nasiri-Moghadam
4. The effect of holothurin B on angiogenesis in vitro. Pharm. D. Thesis, Mar 2021.  
*Supervisors:* **Safaeian L**, Yegdaneh A, Mirian M  
*Student:* Mohadeseh Taheri
5. Evaluation of antioxidant and antihypertensive effects of marine brown algae *Sargassum angustifolium* ethanol extract on cadmium chloride-induced hypertension in rat. Pharm. D. Thesis, Mar 2021.  
*Supervisors:* **Safaeian L**, Yegdaneh A  
*Student:* Masoud Mobasherian
6. Designing of a hydrogel scaffold containing silsesquioxane nanoparticles for controlled release of calcitonin in bone tissue engineering application. **Ph.D.** Thesis, Jan 2021.  
*Supervisors:* Varshosaz J, Hashemi-Beni B, Manshaei M, **Safaeian L**  
*Student:* Saeideh Ahmadipour
7. Evaluation of acute and subacute toxicity hydroalcoholic extract of *Allium elburzense* bulb. Pharm. D. Thesis, Aug 2020.  
*Supervisors:* **Safaeian L**, Zolfaghari B, Etebari M  
*Student:* Bahareh Yavarian
8. Antioxidant Effect of pramlintide on H<sub>2</sub>O<sub>2</sub>-induced human endothelial cells damages. Pharm. D. Thesis, Summer 2020.  
*Supervisors:* **Safaeian L**, Shafiee F  
*Student:* Marzieh Naderi
9. Anti-hyperlipidemic effects of hydroalcoholic extract of *Pinus eldarica* stem bark in rat. Pharm. D. Thesis, Jan 2020.  
*Supervisors:* **Safaeian L**, Zolfaghari B  
*Student:* Najmeh Assarzadeh
10. Protective and antioxidant effects of Evolocumab on H<sub>2</sub>O<sub>2</sub>-induced damage in human endothelial cells (HUVEC). Pharm. D. Thesis, Summer 2020.  
*Supervisors:* **Safaeian L**, Mirian M  
*Student:* Shahriyar Bahrizadeh
11. The effect of pramlintide, an amylin analogue on angiogenesis in vitro. Pharm. D. Thesis, Feb 2020.  
*Supervisors:* **Safaeian L**, Vaseghi G, Mirian M  
*Student:* Mehdi Dehghani
12. Cardioprotective effect of vanillic acid against doxorubicin- and trastuzumab-induced cardiotoxicity in rat. **Ph.D.** Thesis, June 2020.  
*Supervisors:* **Safaeian L**, Vaseghi G, Rabbani M  
*Student:* Bahar Baniahmad
13. Effect of Evolocumab, a PCSK9 inhibitor on angiogenesis in vitro. Pharm. D. Thesis, June 2019.  
*Supervisors:* **Safaeian L**, Vaseghi G

*Student:* Hedieh Jabari

14. The effect of celecoxib on blood pressure and serum oxidant and antioxidant levels in co-administration with glucocorticoids in rat. Pharm. D. Thesis, Mar 2019.

*Supervisors:* **Safaeian L**, Hajhashemi V

*Student:* Mehdi Ajoodanian

15. The effect of protocatechuic acid on blood pressure and serum oxidant and antioxidant levels in mineralocorticoid-induced hypertension in rat. Pharm. D. Thesis, Mar 2018.

*Supervisors:* **Safaeian L**, Hajhashemi V

*Student:* Reyhaneh Emami

16. Anti-hyperlipidemic effects of different fractions obtained from hydroalcoholic extract of aerial parts of *Teucrium polium* in rat. Pharm. D. Thesis, July 2017.

*Supervisors:* **Safaeian L**, Ghanadian M

*Student:* Zahra Shafiei-Moghadam

17. Anti-hyperlipidemic effects of *Allium elburzense* bulb hydroalcoholic extract in rat. Pharm. D. Thesis, Oct 2017.

*Supervisors:* **Safaeian L**, Zolfaghari B, Agha Ghazvini M

*Student:* Sajjad Karimi

18. Barriers Discovering of rational prescribing and using medicine according to WHO strategies: Experts' views, in 2015. M. Sc. Thesis, Sep 2017.

*Supervisors:* Keyvanara M, **Safaeian L**, Karimi S

*Student:* Noushin Shojaeizadeh

19. Anti-hyperlipidemic effects of different fractions obtained from hydroalcoholic extract of aerial parts of *Teucrium polium* in rat. Pharm. D. Thesis, Aug 2017.

*Supervisors:* **Safaeian L**, Ghanadian M

*Student:* Zahra Shafiei-Moghadam

20. Protective and antioxidant effects of *Otostegia persica* (Buen.) Bioss. aerial parts hydroalcoholic extract on H<sub>2</sub>O<sub>2</sub>- induced human endothelial cells (HUVEC) damage. M. Sc. Thesis, Mar 2017.

*Supervisors:* **Safaeian L**, Javanmard SH, Ghasemi-Dehkordi N

*Student:* Samaneh Yaghoobi

21. Anti-coagulant and antioxidant effects of hydroalcoholic extract from the aerial parts of *Allium affine*. Pharm. D. Thesis, Oct 2016.

*Supervisors:* **Safaeian L**, Sadeghi M, Aghaye-Ghazvini M

*Student:* Mojtaba Ramezani

22. Protective and antioxidant effects of hydroalcoholic extract from the aerial parts of *Melissa officinalis* L. and citral on H<sub>2</sub>O<sub>2</sub>- induced human endothelial cells (HUVEC) damage. Pharm. D. Thesis, May 2016.

*Supervisors:* **Safaeian L**, Javanmard SH, Sajjadi SE

*Student:* Housein Montazeri

23. Preparation and pharmaceutical evaluation of oil-based self-emulsifying topical formulation of Clove bud essential oil in emu-oil in hair fall prevention. Pharm. D. Thesis, Apr 2016.

*Supervisors:* Shahtalebi MA, **Safaeian L**, Baradaran S

*Student:* Atefeh Sadat-Hosseini

24. Preparation and physicochemical evaluation of a hair wax containing propolis and *Eruca sativa* oil for conditioning and hair growth. Pharm. D. Thesis, Mar 2016.

*Supervisors:* Shahtalebi MA, **Safaeian L**, Baradaran A

*Student:* Mojdeh Alamdarian

25. Fibrinolytic and antioxidant effects of *Allium elburzense* bulb hydroalcoholic extract. Pharm. D. Thesis, Mar 2016.  
Supervisors: **Safaeian L**, Zolfaghari B, Aghaye-Ghazvini M  
Student: Mahya Behnampor
26. Protective and antioxidant effects of *Pinus eldarica* stem bark hydroalcoholic extract on H<sub>2</sub>O<sub>2</sub>- induced human endothelial cells (HUVEC) damage. M. Sc. Thesis, Aug 2015.  
Supervisors: **Safaeian L**, Javanmard SH, Zolfaghari B  
Student: Fatemeh Babaei
27. Protective and antioxidant effects of *Echium amoenum* (Fisch . and C.A. Mey.) total anthocyanins on H<sub>2</sub>O<sub>2</sub>- induced human endothelial cells (HUVEC) damage. Pharm. D. Thesis, Mar 2015.  
Supervisors: **Safaeian L**, Javanmard SH  
Student: Sima Seifabadi
28. Protective effect of *Echium amoenum* (Fisch . and C.A. Mey.) total anthocyanins on focal cerebral ischemia in rat. Pharm. D. Thesis, Mar 2015.  
Supervisors: **Safaeian L**, Asami A, Ghanadi A  
Student: Hamed Tavasoei
29. Antioxidant effects of lactoferrin in human endothelial cells (HUVEC). Pharm. D. Thesis, Mar 2015.  
Supervisors: **Safaeian L**, Javanmard SH  
Student: Yaser Mollanoori
30. Acute and subchronic toxicity of hydroalcoholic extract of *Pinus eldarica* stem bark in rat. M. Sc. Thesis, Feb 2015.  
Supervisors: **Safaeian L**, Zolfaghari B  
Student: Akram Ghadirkhomi
31. Antihypertensive and antioxidant effects of *Ferula foetida* (Bunge) Regel. hydroalcoholic stem extract in glucocorticoid-induced hypertension in rat. Pharm. D. Thesis, Jan 2015.  
Supervisors: **Safaeian L**, Ghanadi A  
Student: Mohammad Hadi Vahidiam
32. The effect of protocatechuic acid on blood pressure and serum oxidant and antioxidant levels in glucocorticoid-induced hypertension in rat. Pharm. D. Thesis, Nov 2014.  
Supervisors: **Safaeian L**, Hajhashemi V  
Student: Hamed Sanaye Naderi
33. The effect of *Moringa peregrina* hydroalcoholic extract on blood pressure and serum oxidant levels in glucocorticoid-induced hypertension in rat. Pharm. D. Thesis, Nov 2014.  
Supervisors: **Safaeian L**, Asghari G  
Student: Heydarinejad
34. The effect of *Kelussia odoratissima* Mozaff. hydroalcoholic extract on blood pressure and serum oxidant and antioxidant levels in glucocorticoid-induced hypertension in rat. Pharm. D. Thesis, Oct 2014.  
Supervisors: **Safaeian L**, Sajjadi SE  
Student: Hadi Gholamzadeh
35. The effect of bovine lactoferrin on blood pressure and serum oxidant and antioxidant levels in glucocorticoid-induced hypertension in rat. Pharm. D. Thesis, Jan 2014.  
Supervisors: **Safaeian L**  
Student: Hadi Zabolian

## **MEMBERSHIPS:**

1. Member of Iranian Pharmacists Society
2. Member of Iranian Physiology and Pharmacology Society
3. Member of Committee of Ethics in working with laboratory animals, Isfahan University of Medical sciences, 2022- continued
4. Member of "Students and Cultural Strategic Planning Committee of School of Pharmacy" of Isfahan University of Medical Sciences, 2022.
5. Member of Committee of Publications, School of Pharmacy, Isfahan University of Medical sciences, 2021- continued
6. Member of Health and Safety Committee, School of Pharmacy, Isfahan University of Medical sciences, 2018- continued
7. Member of Research Committee of Applied Physiology Research Center, Isfahan University of Medical Sciences, (2017- continued)
8. Member of Academic Committee of Health Systems Research, Isfahan University of Medical Sciences, 2016- 2019.
9. Member of Academic Committee of Universities Relations and International Affairs, Isfahan University of Medical Sciences, 2015- 2019.
10. Member of Academic Committee of Elderly Health, Isfahan University of Medical Sciences, 2015
11. Member of Academic Committee of control and fighting against leishmaniasis, Isfahan University of Medical sciences, 2014- 2019.
12. Editorial board of "Aperito Journal of Drug Designing and Pharmacology", 2014-2019.
13. Member of Research Committee of Pharmaceutical Sciences Research Center, Isfahan University of Medical Sciences, (2013- continued)
14. Member of Research Committee of Vice Chancellery for Food and Drugs, Isfahan University of Medical sciences, 2013- 2018.
15. Member of Committee of Publications, Vice Chancellery for Food and Drugs, Isfahan University of Medical sciences, 2012- 2019.
16. Member of Scientific Committee of 13<sup>th</sup> Iranian Pharmaciutical Sciences Congress, Isfahan, Iran, 3-6 Aug, 2012.
17. Scientific referee of "13<sup>th</sup> Iranian Pharmaciutical Sciences Congress", Isfahan, Iran, 3-6 Aug, 2012.
18. Secretary of scientific seminars (48 seminars), 2011- 2019.
19. Scientific referee of "International Journal of Preventive Medicine" (indexed in PubMed & ISI), 2011- continued.
20. Member of "Special and Scientific Committee of Social Security Office to address the medical records of Isfahan" 2011- 2012.
21. Member of "Central Strategic Planning Committee of School of Pharmacy" of Isfahan University of Medical Sciences, 2010- 2013.
22. Member of "Student and Cultural Strategic Planning Committee of School of Pharmacy" of Isfahan University of Medical Sciences, 2010- 2013.
23. Member of "Rational Usage of Drug Committee" of Isfahan University of Medical Sciences, 2010- 2019.
24. Scientific referee of journal of "Research in Pharmaceutical Science" (indexed in PubMed & ISI), 2010- continued.
25. Scientific referee of "Iranian Journal of Basic Medical Sciences" (indexed in ISI) 2010- continued.
26. Editorial board of "Electronic Physician Journal" 2010- continued.
27. Scientific referee of "Oman Medical Journal" (indexed in PubMed) 2010- continued.
28. Scientific referee of journal of "Toxicology" (Official Journal of the British and German Toxicology Society, indexed in Pubmed & ISI), 2007-continued.

29. Scientific referee of “12<sup>th</sup> Seminar of Iranian Pharmacy Students”, Sari, Iran, Nov, 2006.
30. Scientific referee of “7<sup>th</sup> Seminar of Iranian Pharmacy Students”, Isfahan, Iran, 8-10 Mar, 2001.
31. Member of “Women Hygiene Committee”, Women Commission of Isfahan Province, 1999.
32. Member of “Hygiene and Cosmetic Survey Committee”, Food and Drug Deputy, Isfahan University of Medical Sciences, 1999.

### **AWARDS and HONORS:**

1. Awarded as the third best graduated student in School of Pharmacy, Isfahan University of Medical Sciences (1996)
2. Awarded for the best translated book of the year, Isfahan University of Medical Sciences (2005)

### **RESEARCH EXPERIENCES:**

#### ***Laboratory:***

- Various animal models of pharmacological researches
- Biochemical assays for oxidative stress
- Cell culture
- Pharmacoepidemiology (Rational Use of Drugs, medication errors and ADR)

#### ***Analytical:***

- Various Word- processing, statistical and graphing programs.

### **TEACHING EXPERIENCES:**

#### ***Undergraduate Courses:***

- Pharmacology for students of Nutrition (2015-)
- Basic and Clinical Pharmacology for students of Medicine (2013-)
- General and Special Pharmacology for students of Midwifery (2010-)
- Basic and Clinical Pharmacology for students of Nursing (2010-)
- Basic and Clinical Pharmacology for students of Pharmacy (2010-)
- General and Special Pharmacology for students of Anesthesia (2010-)

#### ***Postgraduate Courses:***

- Autonomic nervous system pharmacology for PhD students of Pharmacology (2012-)
- Pharmacodynamics for PhD students of Pharmacology (2012-)
- Pharmacology for M. Sc. students of Physiology (2011-)
- Pharmacology for M. Sc. students of Toxicology (2011-)

#### ***University presentation:***

***Drug interactions in Hypertension.*** Seminar of Hypertension therapy and drug interactions, 10 Nov 2022

Location: Faculty of Pharmacy

Isfahan University of Medical Science, Isfahan – Iran

***Parkinson's disease therapy.*** Seminar of Drug Therapy for Nerve Diseases,  
19 Nov 2022

Location: Faculty of Pharmacy  
Isfahan University of Medical Science, Isfahan – Iran

***Alzheimer's disease therapy.*** Seminar of Drug Therapy for Neurodegenerative Diseases,  
21 July 2016, 19 Nov 2022

Location: Faculty of Pharmacy  
Isfahan University of Medical Science, Isfahan – Iran

***Food and Drug Interactions.*** Workshop of Food and Drug Interactions, 17 Nov 2015

Location: Vice-Chancellery for Health  
Isfahan University of Medical Science, Isfahan – Iran

***Review article writing,*** Workshop of Paper writing, 6 July 2014

Location: Faculty of Pharmacy  
Isfahan University of Medical Science, Isfahan – Iran

***Pain management protocol.*** Seminar of Rational Prescribing of Opioids (14 Nov, 2012)

Location: Ave Sina Hall  
Vice Chancellery for Food and drug, Isfahan University of Medical Science, Isfahan – Iran

***Methadone pharmacology.*** Seminar of Methadone Maintenance Therapy, 18 July 2012

Location: Vice-Chancellery for Clinical Affairs  
Isfahan University of Medical Science, Isfahan – Iran

***Drug Interactions in Geriatrics.*** Seminar of Rational Prescribing and Usage of Drugs in  
Geriatrics, 12 Apr 2012

Location: Ave Sina Hall  
Deputy of Food and drug Administration, Isfahan University of Medical Science, Isfahan –  
Iran

***Antibiotic Resistance and Strategies for Prevention.*** Seminar of Drug Resistance; Principles  
of Rational Antibiotic Prescribing, 23 Feb, 8 Feb 2012

Location: Health Center of Isfahan University-No 2  
Isfahan University of Medical Science, Isfahan – Iran

***Adverse Drug Reactions.*** Seminar of Professional and Social Activities, 5 Jan, 2012

Location: Faculty of Pharmacy  
Isfahan University of Medical Science, Isfahan – Iran

***OTC drugs prescription.*** Seminar of Rational Prescribing and Usage of Drugs, 20 Oct, 27  
Oct, 3 Nov, 10 Nov, 17 Nov, 1 Dec 2011, 12 Jan 2012

Location: Deputy of Food and drug Administration  
Isfahan University of Medical Science, Isfahan – Iran

***Principles of rational prescribing.*** Seminar of Rational Drug Prescribing, 11 Aug, 2011

Location: Shahid Sadoghi Hospital  
Basij Medical Association, Isfahan – Iran



***Prescription errors and main problems in prescriptions in Iran.*** Seminar of Rational Drug Prescribing, 11 Aug, 2011;

Location: Shahid Sadoghi Hospital  
Basij Medical Association, Isfahan – Iran

***Role of pharmacist in rational usage of drug.*** 1 July, 12 Aug, 19 Aug, 2010; 6 Jan, 13 Jan, 20 Jan, 27 Jan, 2011

Location: Deputy of Food and drug Administration  
Isfahan University of Medical Science, Isfahan – Iran

***Pattern of antibiotic prescribing in Isfahan.*** Seminar of Principles of rational prescribing, 22 Apr, 8 Sep 2011

Location: Isfahan Medical Council  
Deputy of Food and drug Administration, Isfahan University of Medical Science, Isfahan – Iran

***Methadone pharmacology.*** Seminar of Methadone Maintenance Therapy, 11 Oct, 2 Nov, 9 Nov 2010

Location: Deputy of Food and drug Administration  
Isfahan University of Medical Science, Isfahan – Iran

***Principles of rational prescribing.*** Seminar of Rational Drug Prescribing, 15 Oct 2010

Location: Scientific Medical Education Association  
Isfahan University of Medical Science, Isfahan – Iran

***Drug interaction.*** Seminar of Rational Prescribing and Usage of Drugs, 5 Sep, 15 Oct, 2010

Location: Scientific Medical Education Association  
Isfahan University of Medical Science, Isfahan – Iran

***Prescription errors and main problems in prescriptions in Iran.*** Seminar of Rational Drug Prescription, 5 Sep, 15 Oct, 2010;

Location: Scientific Medical Education Association  
Isfahan University of Medical Science, Isfahan – Iran

***Contraceptives information.*** Seminar of Professional and Social Activities, 29 July, 7 Oct, 2010, 1 Dec 2011

Location: Deputy of Food and drug Administration  
Isfahan University of Medical Science, Isfahan – Iran

***Role of pharmacist in health care system.*** Seminar of Professional and Social Activities, 29 July, 7 Oct, 2010

Location: Deputy of Food and drug Administration  
Isfahan University of Medical Science, Isfahan – Iran

***Drug interaction.*** Seminar of Rational Drug Prescribing and Usage, 22 Apr, 2010

Location: Tiran Azad University, Tiran Health Net  
Isfahan University of Medical Science, Isfahan – Iran

***Prescription errors and main problems in prescriptions in Iran.*** Seminar of Rational Prescribing and Usage of Drugs, 22 Apr, 2010

Location: Tiran Azad University, Tiran Health Net  
Isfahan University of Medical Science, Isfahan – Iran

***Prescription errors and main problems in prescriptions in Iran.*** Seminar of Rational Drug Prescribing, 10 Mar, 2010

Location: Faculty of Pharmacy  
Isfahan University of Medical Science, Isfahan – Iran

***Pain management protocol.*** Seminar of Hospital Pharmacy (13-14 Jan, 2010)

Location: Faculty of Pharmacy  
Isfahan University of Medical Science, Isfahan – Iran

***Safe handling of cytotoxic drugs.*** Seminar of Hospital Pharmacy (13-14 Jan, 2010)

Location: Faculty of Pharmacy  
Isfahan University of Medical Science, Isfahan – Iran

***Pharmacology of new anti-diabetic agents*** (17 Dec. 2009)

Location: Deputy of Food and drug Administration  
Isfahan University of Medical Science, Isfahan – Iran

### **SELF-DEVELOPMENT EDUCATION CERTIFICATION:**

#### ***Workshop of Mendeley Software***

Vice Chancellery for Research  
Isfahan University of Medical Science, Isfahan – Iran, 27 July 2022

#### ***Workshop of Use of Art in Medical Education***

Medical Education Developing Center  
Isfahan University of Medical Science, Isfahan – Iran, 1 Mar 2021

#### ***Workshop of Interactions in Virtual teaching***

Medical Education Developing Center  
Isfahan University of Medical Science, Isfahan – Iran, 31 May 2020

#### ***Workshop of Multiple Choice Tests***

Medical Education Developing Center  
Isfahan University of Medical Science, Isfahan – Iran, 1 July 2020

#### ***Workshop of Hidden Curriculum***

Medical Education Developing Center  
Isfahan University of Medical Science, Isfahan – Iran, 28 Apr 2019

#### ***Workshop of Principles of Working with Laboratory Animals***

Vice Chancellery for Research  
Isfahan University of Medical Science, Isfahan – Iran, 5-6 Dec 2018

#### ***Workshop of Ethics in Biomedical Researches***

Vice Chancellery for Research  
Isfahan University of Medical Science, Isfahan – Iran, 28 Nov 2018

#### ***Workshop of Electronic learning courses designing***

Medical Education Developing Center  
Isfahan University of Medical Science, Isfahan – Iran, 8 May 2018

#### ***Workshop of Systematic Reviews***

Medical Education Developing Center  
Isfahan University of Medical Science, Isfahan – Iran, 26 Oct 2017

#### ***Workshop of Virtual teaching***

Medical Education Developing Center  
 Isfahan University of Medical Science, Isfahan – Iran, 8 May 2017  
***Workshop of the interview process for PhD student selection***  
 Medical Education Developing Center  
 Isfahan University of Medical Science, Isfahan – Iran, 16 July 2016  
***Workshop of Written Questions Designing Using Comprehensive Software***  
 Medical Education Developing Center  
 Isfahan University of Medical Science, Isfahan – Iran, 27 Apr 2015  
***Workshop of Developments in the Higher Educational Institutions and New Issues in the Academic Management***  
 Medical Education Developing Center  
 Isfahan University of Medical Science, Isfahan – Iran, 16 Aug 2014  
***Workshop of Ethics in Education***  
 School of Pharmacy and Pharmaceutical Sciences  
 Isfahan University of Medical Science, Isfahan – Iran, 2-3 July 2013  
***Workshop of Student Evaluation***  
 School of Pharmacy and Pharmaceutical Sciences  
 Isfahan University of Medical Science, Isfahan – Iran, 17 Mar 2013  
***Workshop of Professionalism in Pharmacy Education***  
 School of Pharmacy and Pharmaceutical Sciences  
 Isfahan University of Medical Science, Isfahan – Iran, 9 Jan 2012  
***Workshop of Electrophysiology and Animal Cardiac Models***  
 School of Medicine  
 Golestan University of Medical Science, Gorgan- Iran, 28-30 Sep 2011  
***Workshop of Strategic Planning***  
 School of Pharmacy and Pharmaceutical Sciences  
 Isfahan University of Medical Science, Isfahan – Iran, 23-24 Jan 2011  
***Workshop of Effective Learning and Teaching***  
 School of Pharmacy and Pharmaceutical Sciences  
 Isfahan University of Medical Science, Isfahan – Iran, 2-6 Jan 2011  
***Workshop of Formulation and Stability of Peptides and Proteins***  
 Food and Drug Deputy  
 Isfahan University of Medical Science, Isfahan – Iran, 2-6 Jan 2010  
***Workshop of Hospital Pharmacy Committee***  
 Food and Drug Deputy  
 Ministry of Health and Medical Education, Tehran – Iran, 26 Nov 2009  
***Workshop of Reference Manager Software***  
 Medical Education Developing Center  
 Isfahan University of Medical Science, Isfahan – Iran. 28-30 Nov. 2004  
***Workshop of Advanced Methodologies for Clinical Trial***  
 Medical Education Developing Center  
 Isfahan University of Medical Science, Isfahan – Iran. 12-15 June 2004  
***Workshop of Methodologies for Biostatistical Analysis***  
 Medical Education Developing Center  
 Isfahan University of Medical Science, Isfahan – Iran. 26-29 July 2004  
  
***Workshop of Teaching Skills & Education Methodologies***  
 Medical Education Developing Center  
 Isfahan University of Medical Science, Isfahan – Iran. 25-27 June 2001

***Workshop of Internet and Medical Informatics Science***

Medical Education Developing Center

Isfahan University of Medical Science, Isfahan – Iran. 10-12 July 2001

***Workshop of Research Methodology***

Vice Chancellor for Pharmaceutics and Food

Isfahan University of Medical Science, Isfahan – Iran. 25-30 Nov.1999