

Curriculum Vitae **Maryam Hamzeloo-Moghadam**

Associate Professor, Department of Traditional Pharmacy, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2010- Present).

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Education

2003-2008: Ph.D. Student of Pharmacognosy, Department of Pharmacognosy, School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

1996-2001: Pharm. D. Faculty of Pharmacy, Kerman University of Medical Sciences, Kerman, Iran.

Research interests

- Isolation and structure determination of natural bioactive compounds.
- Cytotoxic evaluation of natural products.
- Evaluating the apoptotic induction of natural products.
- Formulating traditional medicine (natural/herbal) products

Administrative duties

- Head of the Department of Traditional Pharmacy, School of Traditional medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2018- present).
- Editor-in-Chief. Research Journal of Pharmacognosy (RJP), Official Journal of the Iranian Society of Pharmacognosy (2016-present)
- Associate editor. Research Journal of Pharmacognosy (RJP), Official Journal of the Iranian Society of Pharmacognosy (2014-2016)
- Director of International Affairs, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2015- present)
- Education Development Office Director, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2010- 2016)
- Supervisor of molecular cell section of Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2011-2012)
- Advisor of PhD Students of Traditional Pharmacy, Shahid Beheshti University of Medical Sciences Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Publications

1. Mosaddegh M, Irani M, **Hamzeloo-Moghadam M***. *Acroptilon repens* induces apoptosis in human breast adenocarcinoma. *Bangladesh J Pharmacol.* 2018; 13: 362-366.
2. **Hamzeloo-Moghadam M**, Aghaei M, Abdolmohammadi MH, Khalaj A, Fallahian F. Cytotoxic effect of *Drimys maritima* bulb extract and induction of mitochondrial

- apoptotic signaling in human breast cancer cells, MCF-7 and MDA-MB-468. *OncoTargets Ther.* 2018; 11: 7669–7677.
3. Mosaddegh M, Taheri M, Eslami Tehrani B, **Hamzeloo-Moghadam M***. Apoptotic potential of two Caryophyllaceae species in MCF-7 and MDA-MB-468 cell lines. *Res J Pharmacogn.* 2018; 5(1): 63-69.
 4. Mojtabae M, Mokaberinejad R, **Hamzeloo-Moghadam M**, Rohani Nasab M, Adhami S, Farshi S, Mansouri P. The effect of the traditional medicine product “Milk-Cuscuta” on skin hyperpigmentation in patients with Melasma. *Middle East J Fam Med.* 2018; 7(10): 204-211.
 5. Hajimehdipoor H, Choopani R, Ara L. **Hamzeloo-Moghadam M***. Alteration in thymoquinone content of *Nigella sativa* seeds after processing by a traditional method and stability assessment of raw and processed seeds. *Res J Pharmacogn.* 2018; 5(4): 9-13.
 6. Shirooye P, **Hamzeloo-Moghadam M**, Hashem-Dabaghian H, Mokaberinejad R. Comparison of local effects of ginger oil with oral ginger on associated symptoms of primary dysmenorrhea: randomized clinical trial. *Iranian J Obstet Gynecol Infertil.* 2017; 20(8), 61-69.
 7. Moeinifard M, Mohammad Hassan Z, Fallahian F, **Hamzeloo-Moghadam M**, Taghikhani M. Britannin induces apoptosis through AKT-FOXO1 pathway in human pancreatic cancer cells. *Biomed Pharmacother.* 2017; 94: 1101-1110
 8. Hajimehdipoor H, Gharanjik B, Soleimani H, Mousavi Z, **Hamzeloo-Moghadam M***. Two algae from Oman Sea: the in vitro biological effects. *Int J Pharm Sci Res.* 2017; 8(10), 4286-4290.
 9. Moein E, Hajimehdipoor H, Toliyat T, Choopani R **Hamzeloo-Moghadam M**. Formulation of an aloe-based product according to Iranian traditional medicine and development of its analysis method. *DARU J Pharm Sci.* 2017; 25(1): 19.
 10. Shirooye P, Hashem-Dabaghian F, **Hamzeloo-Moghadam M**, Afrakhteh M, Bioos S, Mokaberinejad R. A clinical comparative study of oral and topical ginger on severity and duration of primary dysmenorrhea. *Res J Pharmacogn.* 2017; 4(1), 23-32.
 11. Shirooye P, Mokaberinejad R, Ara L, **Hamzeloo-Moghadam M***. Volatile constituents of ginger oil prepared according to Iranian traditional medicine and conventional method: a comparative study. *Afr J Tradit Complement Altern Med.* 2016; 13(6): 68-73.
 12. Khoshkhoo B, Mohammadi Motamed S, **Hamzeloo-Moghadam M***. *Datura innoxia* anti-angiogenesis properties. *Res J Pharmacogn.* 2017; 4(2): 39-44
 13. Moein E, Hajimehdipoor H, **Hamzeloo-Moghadam M***, Choopani R, Toliyat T. Review of an Aloe-Based Formulation Used in Iranian Traditional Medicine. *Jundishapur J Nat Pharm Prod.* 2016; 11(4): e40193.
 14. Hasani Sadrabadi Z, Majd A, **Hamzeloo-Moghadam M***, Irian S. Effect of electromagnetic field on okra (*Hibiscus esculentus* L.) developmental stages and the effect of okra extract on breast cancer cells. *Res J Pharmacogn.* 2016 3(2): 41-45
 15. Esmaeili S, Irani M, Moazzeni Zehan H, Keramatian B, Tavakoli Harandi Z, **Hamzeloo-Moghadam M**. Cytotoxic activity of some ethnic medicinal plants from southwest of Iran. *Res J Pharmacogn.* 2016 3(1): 43-47
 16. Fallahian F, Aghaei M, Abdolmohammadi MH, **Hamzeloo-Moghadam M***. Molecular mechanism of apoptosis induction by Gaillardin, a sesquiterpene lactone, in breast cancer cell lines. *Cell Biol Toxicol.* 2016; 31: 295–305.

17. **Hamzeloo-Moghadam M**, Khalaj A, Malekmohammadi M, Cytotoxic activity and apoptosis induction of *Hypericum scabrum* L. a medicinal plant used in Iranian Traditional Medicine. *Iran Red Crescent Med J*. 2015; 17(10):e19453.
18. **Hamzeloo-Moghadam M**, Aghaei M, Fallahian F, Jafari SM, Dolati M, Abdolmohammadi MH, Hajiahmadi S, Esmaili S. Britannin, a sesquiterpene lactone, inhibits proliferation and induces apoptosis through the mitochondrial signaling pathway in human breast cancer cells. *Tumor biol*. 2015; 36: 1191-1198.
19. **Hamzeloo-Moghadam M**, Danaifar N, Mostafavi SA, Hajimehdipoor H. Formulation and quality control of *Prunus domestica* syrup, prepared according to Iranian Traditional Medicine. *Res J Pharmacogn*. 2015; 2(2): 13-17.
20. Esmaili S, Sahranavard Sh, **Hamzeloo-Moghadam M**, Hajimehdipoor H, Mosaddegh M. Evaluating the curriculum of traditional pharmacy from the students point of view in Mashhad, Kerman and Shahid Beheshti universities of medical sciences (2008-2013). *J studies develop med edu*. 2015; 12(1): 168-176.
21. Gohari AR, Mosaddegh M, Naghibi F, Eslami-Tehrani B, Pirani A, **Hamzeloo-Moghadam M***, Read R.W. Cytotoxic sesquiterpene lactones from the aerial parts of *Inula aucheriana*. *An Acad Bras Ciênc*, 2015; 87(2): 777-785
22. **Hamzeloo-Moghadam M**, Khalaj A, Malekmohammadi M, Mosaddegh M. *Achillea vermicularis* a medicinal plant from Iranian Traditional Medicine induces apoptosis in MCF-7 cells. *Res J Pharmacogn*. 2015; 2(1): 1-5.
23. Mosaddegh M, Esmaili S, Eslami-Tehrani B, Keramatian B, Mohebbi S, **Hamzeloo-Moghadam M***. Anti-angiogenesis properties of *Crocus pallasii* subsp. *haussknechtii*, a popular ethnic food Journal. *Res J Pharmacogn*. 2015; 2(3): 37-42.
24. Naghibi F, Khalaj A, Mosaddegh M, MalekMohamadi M, **Hamzeloo-Moghadam M*** Cytotoxic activity evaluation of some medicinal plants, selected from Iranian Traditional Medicine Pharmacopoeia to treat cancer and related disorders. *J Ethnopharmacol*. 2014; 155: 230-239.
25. Hajimehdipoor H, Mosaddegh M, Naghibi F, Haeri A, **Hamzeloo-Moghadam M***. Natural sesquiterpen lactones as acetylcholinesterase inhibitors. *An Acad Bras Cienc*. 2014; 86(2): 801-805.
26. **Hamzeloo-Moghadam M**, Taiebi N, Mosaddegh M, Eslami Tehrani B, Esmaili S. The effect of some cosolvents and surfactants on viability of cancerous cell lines. *Res J Pharmacogn*. 1(3): 41-45.
27. Naghibi F, Khalaj A, **Hamzeloo-Moghadam M***. Cancer terminologies used in the medieval texts to the early modern Iranian Traditional Medicine (ITM). *Res Hist Med*. 2014; 3(2): 63-72.
28. **Hamzeloo-Moghadam M**, Eslami Tehrani B, Pirani A, Hassanpour A, Esmaili S. A survey about prophage induction ability in *Escherichia coli* K-12(λ) by ethnic medicinal plants of Kohgiluyeh va Boyerahmad, Iran. *Res J Pharmacogn*. 2014; 1(4): 7-10.
29. Hajimehdipoor H, Shekarchi M, Aghighi A, **Hamzeloo-Moghadam M***. Evaluating the acetylcholinesterase inhibitory activity of *Ferulago angulata* and *Ferulago subvelutina*. *Res J Pharmacogn*. 2014; 1(2): 39-43.
30. Hajimehdipoor H, Naghibi F, Bandidarian A, Moazzeni Zehan H, Pirani A, **Hamzeloo-Moghadam M***. Evaluating the antioxidant and acetylcholinesterase inhibitory activity of three *Centaurea* species. *Res J Pharmacogn*. 2014; 1(1): 33-37.
31. **Hamzeloo-Moghadam M**, Esmaili S, Fotoohi F, Naghibi F, Pirani A, Hajimehdipoor H. *In vitro* evaluation for cytotoxic activity of three *Ferula* species. *IJPSR*. 2013; 4(7): 2673-2676.

32. **Hamzeloo-Moghadam M**, Naghibi F, Atoofi A, Asgharian Rezaie M, Irani M, and Mosaddegh M. Cytotoxic activity and apoptosis induction by gaillardin. *Z Naturforsch.* 2013; 68c: 108–112.
33. **Hamzeloo-Moghadam M**, Firouzi J, Saeidnia S, Hajimehdipoor H, Jamili Sh, Rustaiyan A and Gohari AR. A cytotoxic hydroperoxy sterol from the brown alga, *Nizamuddinina zanardinii*. *DARU.* 2013; 21: 24.
34. Hajimehdipoor H, Adib N, Khanavi M, Mobli M, Amin GR, **Hamzeloo-Moghadam M***. Comparative study on the effect of different methods of drying on phenolics content and antioxidant activity of some edible plants. *IJPSR.* 2012; 3(10): 3712-3716.
35. Mosaddegh M, **Hamzeloo-Moghadam M***, Naghibi F, Mohebbi S, Pirani A, Eslami B. *Vicia variabilis* a nutritive feed for domesticated animals: a survey about cytotoxic and antioxidant activity. *IJPS.* 2(3): 2012; 283-286.
36. **Hamzeloo-Moghadam M**, Hajimehdipoor H, Saeidnia S, Atoofi A, Shahrestani A, Read RW, Mosaddegh M. Anti-proliferative activity and apoptotic potential of britannin, a sesquiterpene lactone from *Inula aucheriana*. *Nat Prod Commun.* 2012; 7(8): 979-980.
37. Mosaddegh M, Esmaeili S, Naghibi F, **Hamzeloo-Moghadam M***, Haeri A, Pirani A, Moazzeni H. Ethnomedical survey and cytotoxic activity of nineteen medicinal plant extracts. *J Herb Spices Med Plants.* 2012; 18(3): 211-221.
38. Mokhtari Sh, Mosaddegh M, **Hamzeloo-Moghadam M**, Soleymani Z, Ghafari S, Kobarfard S. Synthesis and cytotoxic evaluation of novel 3-substituted derivatives of 2-indolinone. *IJPR.* 2012; 11(2): 411-421.
39. Ghafari S, **Hamzeloo-Moghadam M***. Traditional Iranian medicine and importance of breastfeeding. *J Islam Iran Trad Med.* 2011; 2(2): 117-122.
40. Abdollahzadeh Sh, Mashouf RY, Mortazavi H, **Hamzeloo-Moghadam M**, Roozbahani N, Vahedi M. Antibacterial and antifungal activities of *Punica granatum* peel extract against oral pathogens. *J Dentistry.* 2011; 8(1): 1-6.
41. Mosaddegh M, **Hamzeloo-Moghadam M**, Ghafari S, Naghibi F, Ostad SN, Read RW. Sesquiterpene lactones from *Inula oulus-christi*. *Nat Prod Commun.* 2010; 5(4): 511-514
42. Mosaddegh M, Ostad SN, Naghibi F, **Hamzeloo Moghadam M**. Cytotoxic effects of five species of *Inula* against some tumor cell lines. *IJPS.* 2006; 2(4): 203-208.

Abstracts

1. Saeidi Rad A, Esmaeili S, Mohammadi Motamed M, **Hamzeloo Moghadam M**. Cytotoxicity of two *Gypsophila* species to human breast adenocarcinoma (MCF-7). First Congress of Pharmacy Updates. Feb 2018, Tehran, Iran.
2. Esmaeili S, Irani M, **Hamzeloo-moghadam M**, Hajimehdipoor H, Mosaddegh M. Heme polymerization inhibition of some plants from lamiacea family. 16th Annual medicinal & pharmaceutical sciences congress. 2017, Seoul, South korea.
3. **Hamzeloo-moghadam M**, Mosaddegh M, Eslami Tehrani B, Hajimehdipoor H, Esmaeili S. Cytotoxic activity of *Acanthophllum bracteatum* and *A. microcephalum* in a human breast cancer cell line. 16th Annual medicinal & pharmaceutical sciences congress. 2017, Seoul, South korea.
4. Hajimehdipoor H, **Hamzeloo-Moghadam M**, Moein E, Toliyat T, Choopani R, Esmaeili S. Formulation of a poly herbal product according to traditional medicine. 16th Annual medicinal & pharmaceutical sciences congress. 2017, Seoul, South korea.

5. Zakerin S, Rezghi M, **Hamzeloo-Moghadam M**, Hajimehdipoor H. Formulation and quality control of a poly herbal tranquilizer syrup. 1st Iranian Pharmacognosy Congress. 2017. Tehran University of Medical Sciences, Tehran, Iran.
6. Rezghi M, Zakerin S, Hajimehdipoor H, **Hamzeloo-Moghadam M**. Formulation of a poly herbal gel for uterus flux. 1st Iranian Pharmacognosy Congress. 2017, Tehran University of Medical Sciences, Tehran, Iran.
7. Salimi A, Esmaeili S, **Hamzeloo-Moghadam M**, Irani M, Mohammadi Motame S. Antimalarial assessment of *Viola odorata* L. by heme polymerization inhibition method. 1st Iranian Pharmacognosy Congress. 2017, Tehran University of Medical Sciences, Tehran, Iran.
8. Nikmanesh N, Hajimehdipoor H, **Hamzeloo-Moghadam M**, Mohammadi Motamed S. Formulation and quality control of amla oil (*Phyllanthus emblica*) based on Iranian traditional medicine. 1st Iranian Pharmacognosy Congress. 2017, Tehran University of Medical Sciences, Tehran, Iran.
9. Salami A, Esmaeili S, **Hamzeloo Moghaddam M**, Irani M, Mohammadi Motamed S. Antimalarial assessment of *Fumaria* Lim., *Cichorium intybus* L. and *Viola odorata* L. used in Iranian traditional medicine for the treatment of fever by heme polymerization inhibition method. 6th National Congress on Medicinal Plants. 2017.
10. Salimi A, Esmaeili S, **Hamzeloo Moghaddam M**, Irani M, Mohammadi Motamed S. Antimalarial assessment of *Cichorium intybus* L. used in Iranian traditional medicine for the treatment of fever by heme polymerization inhibition method. 7th National Congress on Medicinal Plants. 2017, Shiraz, Iran.
11. **Hamzeloo-Moghadam M**, Hajimehdipoor H, Sahranavard S, Esmaeili. Establishing a structured report style for practical courses of Traditional Pharmacy including “Iranian traditional medicinal plants”, “plant systematics”, “quality control (physicochemical and microbial) of traditional medicines and “phytopharmaceuticals” and providing a template for each course. 14th Iranian Medical Education Conference. 2013, Tehran, Iran.
12. **Hamzeloo-Moghadam M**, Mosaddegh M, Read RW. Antiproliferative activity of gaillardin against six cell lines 13th Iranian pharmaceutical Sciences Congress. 2012, Isfahan, Iran.
13. Hajimehdipoor H, Bandidarian A, **Hamzeloo-Moghadam M**, Mosaddegh M. Antioxidant property of two star thistles (*Centaurea*) from Iran. 13th Iranian pharmaceutical Sciences Congress, 2012, Isfahan, Iran.
14. **Hamzeloo-Moghadam M**, Fotoohi F, Hajimehdipoor H, Esmaeili S, Naghibi F. Ferric reducing property of three species of *Ferula* (Apiaceae) from Iran. 13th Iranian pharmaceutical Sciences Congress, 2012, Isfahan, Iran.
15. Hajimehdipoor H, Esmaeili S, **Hamzeloo-Moghadam M**. Standardization of MCQ questions for courses of Phytotherapy and Quality Control of Medicinal Herbs, Educational Conference. 2012. Shahid Behsheshti University of Medical Sciences, Tehran, Iran.
16. **Hamzeloo Moghadam M**, Ghafari S. Traditional Medicine point of view about breastfeeding. 2012, National Congress on breastfeeding, Tehran, Iran.
17. **Hamzeloo Moghadam M**, Mosaddegh M, Read RW. Sesquiterpenes from *Inula oculus-christi*. 2007, Annual one-day symposium, Sydney, Australia.
18. Mosaddegh M, Moazzami N, Naghibi F, **Hamzeloo moghaddam M**. Cytotoxic effect of some indigenous Iranian plants. 2004, Second International congress on traditional medicine & material medica, Tehran, Iran.
19. **Hamzeloo-Moghadam M**, Shajari E, Naghibi F. *Crataegus oxyacantha* with cardiovascular effects. 2004, Second congress on prevention of non-infectious

diseases, Tehran, Iran.

Books

1. **Hamzeloo-Moghadam M** (2015). Anticancer antibiotics in: New Approaches to Natural Anticancer Drugs. Ed. S Saeinia. Springer.
2. Khorshidi N, **Hamzeloo-Moghadam M** (2010). Women diseases and natural remedies. Traditional Medicine and Materia Medica Research Center, Tehran, Iran
3. Mohebbi S, **Hamzeloo-Moghadam M** (2010). Galenical preparations, components and formulations. Daru Gostar Razi, Tehran, Iran

Grants

1. Evaluating the effect of f “Monzej-e-balgham” tablet and syrup on stomach mucus in male rat (2018) School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
2. Quality control assessment of medicinal plants in "Monzej-e-Balgham" formulation and preparation of dry herbal extract (2018) School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
3. Evaluating the cytotoxic activity of the extracts and fractions obtained from the peels and nuts of *Crocus pallasii* subsp. *haussknechtii* corms in MCF-7, HepG-2, A-549, HT-29 cell lines. (2017) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
4. Formulation of “*monzeg-e-soda*” according to Traditional Iranian Medicine references and quality control of the product (2017) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
5. Evaluating the cytotoxic activity and apoptotic potential of *Achillea filipendulina* and *Acroptilon repens* extracts in MCF-7 cells (2017) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
6. Preparation and quality control assessment of dodder prepared according to Iranian Traditional Medicine (2017) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
7. Evaluating the cytotoxic activity and apoptotic potential of *Acanthophyllum bracteatum* and *Acanthophyllum microcephalum* extracts in MCF-7 cells. (2016) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
8. Evaluating the cytotoxic effects of *Urginea maritima* extract on the growth and induction of apoptosis in MCF-7 breast cancer cell lines (2016) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
9. Comparing volatile components of ginger oil prepared according to traditional medicine manuscripts with ginger oil provided through maceration. (2015) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
10. Evaluation of cytotoxic effects of two plant derived sesquiterpene lactones on the growth of MCF-7 and MDA-MB-468 cancer cell lines. (2015) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

11. An assay toward apoptosis induction of 3 plant extracts on MCF-7 cell line via activated Caspase-3 surveillance. (2014) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
12. Evaluating the effect of co-solvents on viability of MCF-7, HepG-2, HT-29 and MDBK cells. (2014) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
13. The effect of modified okra extract on MDBK, HT-29, HepG- 2, MCF-7 cell lines. (2014) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
14. Determinating the chemical structure of compounds isolated from *Inula aucheriana*. (2013) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
15. Evaluating the anti-angiogenesis property of *Crocus pallasii* subsp. *haussknechtii* on HUV-EC-C cells (2013) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
16. Evaluating the DNA damaging and cytotoxic effect of some plants from Kohgiluyeh and Boyer-Ahmad Province (2012) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
17. Evaluating the apoptotic potential of gaillardin isolated from *Inula oculus-christi* (2011) Shahid Beheshti University of Medical Sciences, Tehran, Iran
18. Investigation for cytotoxic activity and isolation of compound from one species of *Inula* (2010) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran
19. Evaluating the cytotoxic activity of compounds from *Inula oculus-christi* (2008) Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran
20. Evaluating antibacterial and antifungal activity of *Punica granatum* peel extract against oral pathogen (2007) Hamedan University of Medical Sciences, Hamedan, Iran
21. Cytotoxic screening of *Inula* species from Compositae family (2005), Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Thesis supervisor or adviser (Pharm D/PhD)

1. Formulation of “Monziq-e-Balgham” tablet and syrup according to Iranian Traditional Medicine and evaluating their effects on stomach mucus (in vivo). Department of Traditional Pharmacy, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. Tehran, Iran.
2. Phytochemical study and evaluation of cytotoxic effect of *Gypsophila ruscifolia*. Department of Pharmacognosy, School of Pharmacy, Shahid Beheshti University of Medical Sciences. Tehran, Iran.
3. The cytotoxic effect of *Eryngium billardieri* on breast cancer cells in comparison with normal cells. Department of Pharmacognosy, School of Pharmacy, Shahid Beheshti University of Medical Sciences. Tehran, Iran.
4. Phytochemical analysis of *Eupatorium cannabinum* aerial parts based on its cytotoxic activity. Department of Pharmacognosy, School of Pharmacy, Tehran University of Medical Sciences. Tehran, Iran.
5. The effect of traditional medicine products Milk- dodder on hyperpigmentation of skin in patients with Melasma. School of Traditional Medicine, Shahid

- Behesti University of Medical Sciences. Tehran, Iran.
6. Comparing the effect of topical ginger oil with oral ginger on primary dysmenorrhea. School of Traditional Medicine, Shahid Behesti University of Medical Sciences. Tehran, Iran.
 7. Evaluating the cytotoxic effects of *Gypsophila bicolor* and *Gypsophila ruscifolia* on growth and induction of apoptosis in MCF-7 cell line. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
 8. Evaluating the cytotoxic effects of *Eupatorium cannabinum* on growth and induction of apoptosis in MCF-7 cell line. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
 9. Formulation and quality control of Amla oil (*Emblca officinalis*) based on Iranian Traditional Medicine manuscripts. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran
 10. Study of antibacterial activity of total extract and different fraction of *Rhazya stricta* Decne against 3 bacterial strains. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
 11. Evaluating the antibacterial activity of total extract and different fraction of *Blepharis persica* (Burm.) O. Kuntze. against common staphylococcus strains. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
 12. A study on the effect of electromagnetic field on seed germination, seedling development of Okra (*Hibiscus esculentus* L.) and the effect of its extract on breast cancer cells (MCF7). Faculty of Biological Sciences, Kharazmi University, Tehran, Iran.
 13. The acetyl cholinesterase inhibition ability, cytotoxicity and antioxidant activity of the extracts and fraction of two algae *Padina tertrastrmatica* and *Padina australis*. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
 14. Cytotoxic activity investigation of some selected medicinal plants from Iranian Traditional Medicine manuscripts to treat cancer and evaluating apoptotic induction of the most proper species. School of Traditional Medicine, Shahid Behesti University of Medical Sciences. Tehran, Iran.
 15. Evaluating the cytotoxic, antioxidant and acetylcholinesterase inhibitory activity of methanol extract of *Crocus pallasii* sub sp. *haussknechtii*. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
 16. Evaluating the cytotoxic and anti-angiogenesis activity of *Datura metel* in HUV-EC-C cells. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran
 17. Evaluating the effect of co-solvents on viability of MCF-7, HepG-2, HT-29 and MDBK cells. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran
 18. Investigation of antioxidant and cytotoxic activity of *Ferula oopoda*, *Ferula szowitsiana* and *Ferula hirtella* on MDBK, HepG2, A549, MCF7 and HT29 cell lines and determination of the most effective one. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran
 19. Evaluating the cytotoxic activity of five medicinal plants which were used to treat "Oram" in Iranian Traditional Medicine. School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
 20. Investigating the antioxidant and cytotoxic activity of *Centaurea albonites*, *Centaurea aucheri* and *Centaurea pseudoscabiosa* on MDBK, HepG2, A549, HT29 and MCF7 cell lines and determination of the most effective one. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran