

Curriculum Vitae

Homa Hajimehdipoor

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Educations

1999-2004: Ph.D. Student of Pharmacognosy, Department of Pharmacognosy, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran.

1992-1999: Pharm.D. Student, Faculty of Pharmacy, Shaheed Beheshti University of Medical Sciences, Tehran, Iran.

Thesis

Pharm.D.: Altration of Iontophoretic Percutaneous Absorption of Uncharged Drugs by Charged Carriers. Faculty of Pharmacy, Shaheed Beheshti University of Medical Sciences, Tehran, Iran, 1999, No: 518.

Ph.D.: Phytochemical and Pharmacological Study of *Swertia longifolia* Boiss. Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran, 2004, No: 93

Full Papers

- 1. Hajimehdipoor H**, Amanzadeh Y, Sadat-Ebrahimi SE and Mozaffarian V. Three Tetraoxygenated Xanthenes from *Swertia longifolia*. *Pharmaceutical Biology*, 2003, 41(7): 497-499.
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- 4. Monsef-Esfahani HR**, Amanzadeh Y, Alhani Z, **Hajimehdipoor H**, Faramarzi M, GC-MS Analysis of *Citrus aurantium* L. Hydrolate and Its Comparison with the Commercial Samples. *Iranian Journal of Pharmaceutical Research*, 2004, 3: 177-179.
- 5. Hajimehdipoor H**, Rezazadeh Sh, Hadjiakhoondi A, Pirali Hamedani M, Rezaee A, Zahedi H, Kalantari Khandani N. Comparative and Differential Study of *Passiflora incarnata* and *Passiflora caerulea* in Raw Plants and Pharmaceutical Dosage Forms. *Journal of Medicinal Plants*. 2007, 6(23): 65-71.
- 6. Hajimehdipoor H**, Zahedi H, Kalantari Khandani N, Abedi Z, Pirali Hamedani M, Adib N. Investigation of α and β -Thujone Content in Common Wormwood from Iran. *Journal of Medicinal Plants*, 2008, 7(26): 40-44.
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9. **Hajimehdipoor H.**, Khanavi M., Zahedi H., Abedi Z., Kalantari N., Adib N., Pirali Hamedani M. Fingerprint study of *Thymus* spp. By TLC. Journal of Medicinal Plants. 2009, 8(31): 19-24.
10. **Hajimehdipoor H.**, Khanavi M., Shekarchi M., Abedi Z., Pirali Hamedani M. Investigation the best method for extraction of phenolics in *Echinacea purpurea*. Journal of Medicinal Plants. 2010, 8(32): 145-152.
11. Vazirian M., Khanavi M., Amanzadeh Y., **Hajimehdipoor H***. Quantization of Gallic acid in Triphala's Three Fruits. IJPR. 2011, 10(2): 233-236.
12. Shekarchi M., **Hajimehdipoor H***, Khanavi M., Adib N., Bozorgi M., Akbari-adergani B., Pirali Hamedani M. A Validated Method for Analysis of Swerchirin in *Swertia longifolia* Boiss. by High Performance Liquid Chromatography. Pharmacognosy Magazine, 2010, 6(21): 13-18.
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15. **Hajimehdipoor H.**, Samadi N., Mozaffarian V., Abadian N., Rahimifard N., Shoeibi Sh., Pirali Hamedani M. Chemical Composition and antimicrobial activity of *Oliveria decumbens* volatile oil from west of Iran, Journal of Medicinal Plants. 2010, 9, Supp. 6: 39-44.
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Abstracts

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- 58.** Omidmalayeri S, Yaraee R, **Hajimehdipoor H**, Omidmalayeri S. Preparation of turmeric ointment based on Traditional Iranian Medicine references and investigation of its efficacy on rheumatoid arthritis in rat. 11th International Congress of Immunology and Allergy. Tehran, Iran, 2012, April 26-29.
- 59.** Dehdari S, **Hajimehdipoor H**. Herbal medicines for leucorrhea according to Iranian Traditional Medicine. National congress of traditional medicine and pharmacy, 2016. Shiraz, Iran.
- 60.** Dehdari S, **Hajimehdipoor H**. Phytotherapy in speelen cancer according to Iranian Traditional Medicine. The first congress on alternative medicine in cancer. 2016, Tehran, Iran.
- 61.** Ara L. **Hajimehdipoor H**, Saeidnia S, Read WR, Arshadi S. Extraction and structure elucidation of *Swertia longifolia* terpenoids. 4th national congress on medicinal plants. 12-13 may 2015, Tehran, Iran.
- 62.** Fahimi Sh, **Hajimehdipoor H**. The most useful herbs of Iranian traditional medicine prescribed for palpitation. 4th national congress on medicinal plants. 12-13 may 2015, Tehran, Iran.

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65. 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.
66. Ahmadzadeh Sani F, M. Hajifaraji, **H. Hajimehdipoor**, Y Mehrabi, MS Rezaee, A. Hasanzadeh, Matlabi A, Matlabi M. Effect of aqueous extract from the dried calyx of sour tea (*Hibiscus sabdariffa* L.) on polygenic dyslipidemia: a randomized clinical trial. The first congress on Alternative medicine. Tehran, Iran. 15-17 Mehr, 1394.
67. **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. Seoul South Korea. 16-17 october 2017.
68. Keramatian B, Abdolahadi A, Mottaghi N, Esmaeili S, **Hajimehdipoor H**. Quality control of “Ustukhuddus” prepared from herbal markets in Iran (phase1). 15th Iranian pharmaceutical sciences congress. Hamedan University of Medical Sciences. 17-19 october 2017.
69. Razieh Nabimeybodi, Rahele Zareshahi, Mojgan Tansaz, Marzieh Vahid Dastjerdi, **Homa Hajimehdipoor**, Zahra Ghalamkari. Scientific evaluation of medicinal plants used for the treatment of cervicitis (Qorohe- Rahem) in Iranian Traditional Medicine. Tagung Arznei- und Gewurzpflanzenforschung | VIII th Conference of Medicinal and Aromatic Plant Research, 10.-13.09.2018, Bonn

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Research Instructor in the Following Theses

1. Identification and quantitative determination of amino acids in *Securigera securidaca*. Mona Hassanpoor. Pharmaceutical Sciences Branch, Islamic Azad University. 1385-86, No. 1641.

2. Identification and quantitative determination of 4-hydroxyisoleucine in *Trigonella foenum-graecum* L. from Tehran. Sara Ebrahimi. Pharmaceutical Sciences Branch, Islamic Azad University. 1386-87, No. 1718.

3. A validated HPLC method for analysis of thymol and carvacrol in *Thymus vulgaris* volatile oil and comparison with GC technique. Mahdiyeh Amri. Pharmaceutical Sciences Branch, Islamic Azad University. 1387-88, No. 1911.

4. Analgesic effects of *Swertia longifolia* extract by formalin test in mice. Fereshteh Setayesh. Faculty of Medicine, Tehran University of Medical Sciences. 1387-88, No. 20674.

5. Analgesic effects of *Stachys laxa* and *Stachys turcomanica* extracts by formalin test in mice. Zohreh Sadat Mirshaki. Faculty of Medicine, Tehran University of Medical Sciences. 1387-88, No. 20675.

6. Investigation of the effects of different methods of drying on antioxidant activity of plants. Maasoomah Mobli. Pharmaceutical Sciences Branch, Islamic Azad University. 1387-88, No. 1877.

7. Anti bacterial effects of licorice roots from west part of Iran on endemic *H. pylori* of Iran in 1386-87. Afshin Amini. Pharmaceutical Sciences Branch, Islamic Azad University. 1387-88, No. 1871.

8. Extraction and quantitative determination of swerchirin in *Swertia longifolia* using HPLC. Mahboobeh Bozargy. Pharmaceutical Sciences Branch, Islamic Azad University. 1388-89, No. 1971.
9. Cytotoxic effects of quercetin, rutin, hyperoside and isoquercitrin on HepG2, MCF7 and MDBK cell lines. Fatemeh Jalilvand. Pharmaceutical Sciences Branch, Islamic Azad University. 1388-89, No. 2036.
10. Investigation of Cytotoxic effects of Apigenin, Apigenin- 7- glucoside, Vitexin, Isovitexin and Vitexin- 2-O- Rhamnoside on MDBK, MCF-7, HepG-2 cell lines. Farbod Seifi . Pharmaceutical Sciences Branch, Islamic Azad University. 1388-89, No. 2053.
11. Antimicrobial and cytotoxic effects of six genus of *Mentha.*, Hamid Reza Pishavar. Pharmaceutical Sciences Branch, Islamic Azad University. 1388-89.
12. Investigation of antimicrobial and cytotoxic effects of *Swertia longifolia* on HepG2, MCF7 and MDBK cell lines. Mona Naderian. Islamic Azad University. 1388-89, No. 2013.
13. Investigation of *Aspergillus flavus* grow inhibition or toxin production inhibition effects of Licorice from Iran. Roghiyeh Falsafi, Pharmaceutical Sciences Branch. Islamic Azad University, 1388-89, No.2046.
14. Study of antimycotoxin effects of *Zataria multiflora* extract. Mohammad Mehdi Azarmehr, Pharmaceutical Sciences Branch. Islamic Azad University, 1388-89.
15. Study of acetylcholinesterase inhibitory effects of *Swertia longifolia* and determination of the most active fraction. Taraneh Emrarian, Pharmaceutical Sciences Branch. Islamic Azad University, 1389-90, No. 2184.
16. Study of acetylcholinesterase inhibitory effects of *Ferulago angulata* and *F. subvelutina*. Pharmaceutical Sciences Branch. Islamic Azad University, Alireza Aghighi, 1389-90, No.2179.

17. Scientific name determination and phytochemicalf, Antioxidant identification and quantization of flavonoids from *Cuscuta chinensis*. Faculty of pharmacy, Tehran University of Medical Sciences. Babak Mokhtari Kondori, 1389-90. No.4966.
18. Synergistic effects of combination of *Mentha piperita*, *Rosmarinus officinalis*, *Lavendula angustifolia*, *Thymus vulgaris*, *Eucalyptus camadulensis* and *cuminum cyminum* in antibacterial effects. Azad university. Hamed Shabanpoor, 1390-1391, no. 2289.
19. Evaluating the stability of Monzig-e soda capsules. Faculty of Pharmacy, TUMS, Negin Dorri, 1394.
20. Formulation of a topical dosage form for wound healing according to ITM and evaluating its efficacy in wound model in rat. School of Traditional Medicine, SBMU, Maryam Jahandideh, 1394.
21. Acetylcholinesterase inhibitor acivity of *Amygdalus scoparia*, *Agrimonia eupatoria*, *Rosa damascena*, *Rosa canina*, *Cotoneaster nummularia*, *Cerasus microcarpa*. Pharmaceutical Sciences Branch. Islamic Azad University, Hossein Kolivand, 1394.
22. Antimicribial effects of methanol extract and different fractions of *Pteropyrum aucheri* on *Staphylococcus aureus*, *Bacillus cereus* and *Pseudomona aeruginosa*. Pharmaceutical Sciences Branch. Islamic Azad University, Negin Nazari, 1394.
23. Purification and structure elucidation of *Swertia longifolia*. Payame Noor University, Leila Ara, 1393.
24. Investigation of antioxidant and cytotoxic effects of *Centaurea aucheri*, *C. albonites*, *C. pseudosacabiosa* on MDBK, HepG2, A549, HT29 and MCF7 cell lines and determining the most effective fraction. Asra Bandidarian. Pharmaceutical Sciences Branch. Islamic Azad University. 1392.
25. Investigation of cytotoxic effects of *Ferula persica* var. *persica* on MDBK, HepG2, A549, HT29 and MCF7 cell lines and determining the most effective fraction. Morteza Jafari Anaraki. Pharmaceutical Sciences Branch. Islamic Azad University. 1390.

26. Investigation of cytotoxic effects of *Ferula hezarlalezarica* on MDBK, HepG2, A549, HT29 and MCF7 cell lines and determining the most effective fraction. Azadeh Ramezani. Pharmaceutical Sciences Branch. Islamic Azad University. 1390.
27. Formulation of a topical product based on traditional medicine from Curcuma and investigating its effect on Arthritis of rat model. Saleh Omid Malayeri. Pharmaceutical Sciences Branch. Islamic Azad University. 1390.
28. Investigating AChEI, cytotoxic and antioxidant effects of *Padina australis* and *P. tetrastratica*. Helia Soleimani. Pharmaceutical Sciences Branch. Islamic Azad University. 1392.
29. Investigation of antioxidant and cytotoxic effects of *Ferula oopoda*, *F. szowitsiana*, *F. hirtella* on MDBK, HepG2, A549, HT29 and MCF7 cell lines and determining the most effective fraction. Farzaneh Fotoohi. Pharmaceutical Sciences Branch. Islamic Azad University. 1391392.
30. Synergistic effects of *Thymus vulgaris*, *Mentha piperita*, *Eucalyptus globulus*, *Rosmarinus officinalis*, *Lavandula angustifolia*, *Cuminum cyminum* essential oils against *Aspergillus niger* and *Candida albicans*. Hamid Moghimpoor. Pharmaceutical Sciences Branch. Islamic Azad University. 1390.
31. AChEI effects of some medicinal plants used in Iranian Traditional Medicine for dementia. Tina Tehranifar. Pharmaceutical Sciences Branch. Islamic Azad University. 1392.
32. Formulation of a topical dosage form for burn based on ITM and evaluating its effects on burn rat model. Shirin Fahimi. SBMU. 1393.
33. Comparison of the effect of a product from Traditional medicine with Metformin on oligomenorrhea in polycystic ovary syndrome (Clinical trial). Maryam Bahman. SBMU. 1393.
34. Formulation and standardization of Itrifal-e moql tablets. Sahar Dehdari. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1397.

35. Formulation and quality control of an oral dosage form of Oak based on Iranian Traditional Medicine references. Seyedeh Fatemeh Mirdeylami. Pharmaceutical Sciences Branch. Islamic Azad University. 1397.
36. Bio-guided fractionation of *Sanguisorba minor* aerial parts according to the acetylcholinesterase inhibitory effect. Narges Ghasifard. International Campus, School of Pharmacy, Tehran University of Medical Sciences, 1397.
37. Exploring “Ayarij” es in references of the Iranian traditional medicine and formulation of “Ayarij-e-Faiqra” film coated tablets. Elham Moein. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1396.
38. Formulation and quality control of Amla oil based on Iranian Traditional Medicine manuscripts. Nasim Nikmanesh. Pharmaceutical Sciences Branch. Islamic Azad University. 1396.
39. Formulation of Monzig-e soda tablet and syrup and comparing their antidepressant effects in rat. Sara Zakerin. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1398.

Research Consultant in the Following Theses

1. Formulation of Roll-on Deoderant of *Rosmarinus officinalis* Oil
Masoumeh Mohammadi. Faculty of Pharmacy, Tehran University of Medical Sciences.
2. Formulation of antiperspirant stick by using *Salvia officinalis* extract. Elahe Hooshmand. Faculty of Pharmacy, Tehran University of Medical Sciences. 1381-82, No. 4407.
3. Investigation of Essential Oil and Water of *Fumaria parviflora*. Nasim Dast Baz. Faculty of Pharmacy , Tehran University of Medical Sciences.
4. Investigation of Essential Oil and Water of *Citrus aurantium* Flowers. Zahra Alhani. Faculty of Pharmacy , Tehran University of Medical Sciences.

5. Composition of essential oil of *Thymus kotchyanus* obtained by hydrodistillation and microwave oven distillation. Mariya Fathi. Faculty of Pharmacy , Tehran University of Medical Sciences.
6. Phytochemical study and standardization of trifala. Mehdi Vazirian. 2007. Faculty of Pharmacy , Tehran University of Medical Science.
7. Cytopatologic effect of *Crocus sativus* in cell culture. Mohsen Esmaeali Hezarrood. Pharmaceutical Sciences Branch, Islamic Azad University. 1388-89, No. 2005.
8. Antifungal effects of *Thymus vulgaris* on *Aspergillus flavus*, *A. niger* and *Candida albicans* by MIC method in microplate. Baharak Esmaeali Ahmadabadi. Pharmaceutical Sciences Branch , Islamic Azad University. 1387-88, No. 1817.
9. Effects of *Melisa officinalis* extract on Alzheimer in rat. Zahra Vatandoost. Pharmaceutical Sciences Branch , Islamic Azad University.
10. Cytopathologic effect of *Eugenia caryophyllata* extracts and essential oil on Hella, Vero and Hep2 cell lines. Vahideh Matahharinia, Pharmaceutical Sciences Branch, Islamic Azad University. 1387-88, No. 1905.
11. Cytopathologic effect of *Zataria multiflora* essential oil on Hella, Vero and Hep2 cell lines. Iida Javadi, Pharmaceutical Sciences Branch, Islamic Azad University. 1388-89, No. 1974.
12. Investigation of mutagenic and anti-mutagenic effects of *Lavandula angustifolia* and *Elettaria cardamomum* essential oil by Ames test. Kimia Sadat Mirdamadi. Islamic Azad University, 1388-1389. No. 2033.
13. Investigation of cytotoxic effects of *Glycyrrhiza glabra* from 11 region of Iran on Hep2, Hela and Vero cell lines. Marjan Imami. Islamic Azad University, Pharmaceutical Sciences Branch. 1388-1389, No. 2039.
14. Investigation of Mutagenicity effect of *Thymus vulgaris* essential oil by Ames and S9 tests. Zahra Alizadeh. Islamic Azad University, Pharmaceutical Sciences Branch. 1388-1389, No. 2031.

15. Protective effects of *Melissa officinalis* extract on cytotoxicity and oxidative stress induced by beta amiloid peptide in PC12 cells. Mohammad Reza Sepand. Faculty of Medical Sciences. Tarbiyat Modarres University. 1389-90.
16. Sensitivity of common bacteria involved in VAP infections to some antibiotics and *cinnamon zeylanicum*, *Thymus vulgaris*, *Zataria multiflora* essential oils. Pharmaceutical Sciences Branch. Islamic Azad University, Hamed Bahrami. 1389-90.
17. Study of acetyl cholinesterase inhibitory effects of *Stachys inflata*, *Phlomis lanceolata* and *Otostegia persica*. Pharmaceutical Sciences Branch. Islamic Azad University, Negin Khayyat Hesari, 1389-90.
18. The effect of sour tea consumption (*Hibiscus sabdariffa* L.) on the lipid profile in dyslipidemic subjects. The International branch of Shahid Beheshti university of Medical Sciences, Farihe Ahmadzaded Sani, 1391-1392.
19. Protective effects of *Sanguisorba minor* and *Ferulago angulata* on cytotoxicity and oxidative stress induced by A β on rat. Tarbiat Modarres University. Shole Akbari. 1395.
20. Chemical composition and antibacterial activity of *Echinophora platyloba* and liquid smoke alone and in combination against *Staphylococcus aureus*. Zahra Pilevar. Faculty of Nutrition Sciences, Food Sciences and Technology, SBMU, 1394.
21. Quantitative determination of chicoric acid and caftaric acid in aerial parts and roots of *Echinacea purpurea* in different seasons and years. Arezoo Roostae. TUMS. 1390.
22. Comparative study on *Nepeta menthoides* essential oil obtained by hydrodistillation and microwave extraction. Mahtab Samadi. Azad University (Tehran). 1390.
23. Identification of *Cuscuta* species based on traditional medicine data via ethnobotanical and phytochemical methods on popular market and natural specemenes. Leili Abdi. TUMS. 1392.

24. Survey on oral ingestion of *Nigella sativa* L. in relieving clinical signs& symptoms of knee osteoarthritis: a randomized double-blind placebo-controlled clinical trial. Anahita Ghourchian. 1395.
25. The Effect of vaginal product of *Descurainia Sophia*- Honey derived from Iranian traditional medicine on clinical and laboratory in patients with cervicitis. Raziye Nabi. 1393.
26. The Effect of Maa-al-shaeer (An Iranian Traditional Medicine product) on treatment of allergic rhinitis in comparison with fexofenadine. Alireza Derakhshan. 1394.
27. Compare the effect of *Nigella Sativa* oil soft gel and placebo on oligomenorrhea and amenorrhea in patients with polycystic Ovarian Syndrome. Atiyeh Naeemi. 1394.
28. Effect of apple-quince syrup on migraine headache. Ahmad Karimi. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1397.
29. Efficacy of "*Linum usitatissimum*" seed topical oil on clinical signs of knee osteoarthritis, a randomized double-blind placebo-controlled clinical trial. Nematollah Masoodi. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1397.
30. Effect of inhaling the aroma of peppermint essential oil on the severity of nausea and vomiting of pregnancy in women who referred to selected health centers of Shahid Beheshti University of Medical Sciences in 2014-2015. Narges Joulaee Rad. Shahid Beheshti University of Medical Sciences. Faculty of Nursing and Midwifery. 1394.

Grants

1. "Phytochemical Study of *Swertia longifolia* Boiss." TUMS, 2003.
2. "Hepatoprotective Effects of *Swertia longifolia* Boiss." TUMS, 2003.
3. "Standardization of Itrifala herbs imported to Iran" TUMS, 2005.

4. "Phytochemical investigation and standardization of endemic Iranian almonds (*Amygdalus spp.*), TUMS, 2005.
5. "New method of standardization and identification of Sesame oil free fatty acids." TUMS, 2006.
6. "Phytochemical investigation and therapeutic evaluation of Iranian liquorice from different locations" TUMS, 2005.
7. "Quantitative determination of aucubin in *Vitex agnus castus* L. by TLC densitometry method and validation of the method", Medicinal Plants Research Center, Faculty of Pharmacy, TUMS, 2007.
8. "Evaluation of antinociceptive properties of *Ocimum basilicum* L. extract in mice" TUMS, 2007.
9. "Differential identification of *Passiflora incarnata*, *P. edulis*, *P. caerulea* in plants and different preparations." TUMS, 2005.
10. "Identification of *Thymus spp.* in raw herbs and herbal drugs of Iranian markets" TUMS, 2005.
11. Vice-Chancellor for Research, "Investigation of antioxidant activity of different types of *Phoenix dactylifera* L. fruits" TUMS, 2007.
12. "Quantitation of azarirachtin in *Melia indica* and *Melia azedarach* seeds" TUMS, 2009.
13. Vice-Chancellor for Research, "Investigation of best method for extraction of phenolic compounds in *Echinacea spp.*" TUMS, 2009.
14. "Quantitation of Pb and Cd in C-lax tablets and validation of the method", Faculty of pharmacy Shaheed Beheshti University of Medical Sciences, 2009.
15. "Quantitation of labiatic acid in some plants belong to Labiatea family" medicinal plants Research Center, Faculty of pharmacy, TUMS, 2009.
16. "Screening of effective plants on Alzheimer disease" medicinal plants Research Center, Faculty of pharmacy, TUMS, 2009.

17. "Investigation of some biologic activities of *Swertia longifolia*", Traditional Medicine and Materia Medica Research Center, SBMU, 2010.
18. "Investigation of acetylcholinesterase inhibitory effects of some plants of *Ferula* genus", Traditional Medicine and Materia Medica Research Center, SBMU, 2011.
19. "Investigation of synergistic effects of some phenolic and flavonoid compounds in antioxidant properties" Traditional Medicine and Materia Medica Research Center, SBMU, 2011.
20. "Formulation of an ointment from *Curcuma longa* extract and lecithine and investigation of its efficacy in inflammation model in rat". School of Traditional medicine, SBMU, 2011.
21. "Formulation of a topical dosage form for burns based on Iranian Traditional Medicine references and investigation of its efficacy in burn model in rat. School of Traditional medicine, SBMU, 2011.
22. "Formulation of a topical dosage form for wound healing based on Iranian Traditional Medicine references and investigation of its efficacy in wound model in rat". School of Traditional medicine, SBMU, 2012.
23. "Investigation of cytotoxic, antioxidant and acetylcholinesterase inhibitory effects of 56 plants collected from Kohgiluyeh and Boyer-Ahmad province" . SBMU, 2012.
24. "Extraction and structure elucidation of secoiridoid compounds from *Swertia longifolia*". Traditional Medicine and Materia Medica Research Center, SBMU, 2013.
25. "Extraction and structure elucidation of triterpenoid and steroid compounds from *Swertia longifolia*". Traditional Medicine and Materia Medica Research Center, SBMU, 2013.
26. "Formulation of a topical product for *Sayalan-e rahem* based on ITM and quality control of the product". School of Traditional Medicine, SBMU, 2016.
27. "Formulation of Itrifel-e moghl tablet and quality control of the product". Traditional Medicine and Materia Medica Research Center, SBMU, 2016.

28. “The effect of processing with vinegar on phytochemistry and biological effects of *Capparis spinosa* fruits”. Traditional Medicine and Materia Medica Research Center, SBMU, 2016.
29. “Investigation of Iyaraj in ITM and formulation of Iyaraj fighra tablets”. School of Traditional Medicine, SBMU, 2014.
30. Investigating the effect of processing with vinegar on thymoquinone of *Nigella sativa*. Traditional Medicine and Materia Medica Research Center, SBMU, 2016.
31. Stability study of *Monzig-e soda* capsules. Traditional Medicine and Materia Medica Research Center, SBMU, 2014.
32. Formulation of *Prunus domestica* syrup. Faculty of Traditional Medicine, SBMU, 2014.
33. The effects of *Nigella sativa* on knee osteoarthritis. Faculty of Traditional Medicine, SBMU, 2014.
34. Formulation of a *Boswellia* spp. vaginal product and determination of quality control markers. TMRC, SBMU, 2017.
35. Formulation and quality control of Amla oil based on Iranian Traditional Medicine. TMRC, SBMU, 2017.
36. Investigating the anti-depressant effects of Monzej soda syrup and tablets in forced swimming test in rats. Faculty of Traditional Medicine, SBMU, 2018.
37. Quality control of the plants in Monzej soda mixture and preparation of its dried extract. Faculty of Traditional Medicine, SBMU, 2018.
38. Formulation of *Capparis spinosa* tablets. TMRC, 2020.

Professional Backgrounds

- ✓ 2005-2010: Head of Herbal Drugs Department, Food and Drug Control Laboratories, MOH & ME, Tehran, Iran.

- ✓ 2014-2018: Head of Traditional Pharmacy Department, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- ✓ 2012-2019: Head of The Iranian Society of Pharmacognosy.
- ✓ 2019-2023: Lab supervisor of Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- ✓ 2014 up to now: Chairperson of Research Journal of Pharmacognosy.
- ✓ 2021-up to now: Head of incubation center for natural products and complementary medicine
- ✓ 2021 up to now: Deputy of research, School of traditional medicine, SBMU
- ✓ 2021 up to now: Deputy of research, Traditional medicine and materia medica research center, SBMU

Research Interests

- 1- Quality Control and Standardization of Herbal Medicines.
- 2- Formulation of Traditional Medicines.