

Curriculum Vitae

Homa Hajimehdipoor

Personal Information

First Name: Homa

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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

- 1- Formulation of potassium alum vaginal suppository and evaluation of its irritation in rabbit, 2024/03/02
- 2- Evaluating the anti-fatigue effect of *Echium amoenum* aqueous extract by forced swimming test in rat and assessment of variables in serum, 2023/12/18
- 3- Evaluating the anti-fatigue effects of *Echium amoenum* aqueous extract by forced swimming test in rat and assessment of antioxidant variables in liver, 2023/12/18
- 4- Evaluation of acute and subacute toxicity of Coriander Triphala tablet in rat, 2023/12/10
- 5- Formulation and quality control of Amla oil (*Emblica officinalis*) based on Iranian Traditional Medicine manuscripts, 2022/05/31
- 6- Evaluating the effect of processing using vinegar on thymoquinone content of *Nigella sativa* L. seeds from Iranian herbal market, 2022/05/16
- 7- Formulation of “Itrifal-e-Moghl” tablet and determination of its quality control markers, 2022/04/16
- 8- Formulation of *Capparis spinosa* L. fruit tablet and quality control of the product, 2022/03/09
- 9- Investigating antidepressant effects of “Monzig-e-Soda” tablet and syrup in forced swimming model of male rat, 2022/02/26
- 10- Evaluating the antioxidant and acetylcholinesterase inhibitory effects of some medicinal plants growing in Kohgiluyeh and Boyer-Ahmad province, 2022/02/19
- 11- Formulation of *Boswellia carterii* Bird vaginal product and determining the assessment markers of the products according to Iranian Traditional Medicine and conventional medicine, 2022/02/19
- 12- Investigation of acetylcholinesterase inhibitory effects of some Apiaceae plants, 2022/02/16
- 13- Study on biologic effects of *Swertia longifolia* Boiss, 2022/02/16
- 14- Investigation of synergistic effects of some phenolic and flavonoid compounds in antioxidant properties, 2022/02/22
- 15- Evaluating the effect of processing using vinegar on phytochemistry and biological effects of *Capparis spinosa*. Fruit1, 2022/02/16
- 16- Investigating the stability of “monzig-e-soda” capsule found in local market, 2022/02/06
- 17- Preparation of a topical dosage form for “Sayalan-e-rahem” based on Iranian Traditional Medicine references and quality control of the product, 2022/02/05
- 18- Quality control of “Monzig-e-Soda” plants and preparation of its dry extract, 2022/01/19

- 19- Evaluation of the effect of the aqueous extract of *Viola odorata* L. on airway inflammation and histopathological changes in an animal model of ovalbumin-induced allergic asthma, 2024/04/07
- 20- Investigating the anti-fatigue effect of *Elettaria cardamomum* L. fruit in animal model and preparing the oral dosage form from the species, 2024/03/04
- 21- Evaluating the effects of *Syzygium aromaticum* from Iranian traditional medicine on diminished ovarian reserve (DOR) in rat and preparing an oral dosage form, 2024/03/04
- 22- Investigating the effect of Iranian traditional medicine product containing *Aloe* sp. (Ayarij-e-Faiqra) on fertility parameters in male rats, 2023/11/14
- 23- Investigating the anti-fatigue effect of *Elettaria cardamomum* L. and *Polygonatum orientale* Desf. in animal model and preparing the oral dosage form from effective species, 2023/09/17
- 24- Evaluating the effects of two selected plants from Iranian traditional medicine on animal model of diminished ovarian reserve (DOR) and preparing an oral dosage form from the effective species, 2023/09/17
- 25- Formulation of *Viola odorata* L. tablet and investigating the effect of the product on breast cancer-related fatigue: Pilot study, 2023/04/16
- 26- Evaluating the effects of a persian medicine vaginal product on subjective symptoms of vulvovaginal atrophy in women with breast cancer
- 27- Investigating the effect of *Rheum palmatum* L. on reproductive parameters and hormonal factors in male rats
- 28- Sesquiterpene lactones as promising phytochemicals to cease metastatic propagation of cancer, nhka;ni
- 29- Evaluating the effects of a vaginal product containing *Cucurbita pepo* L. subsp. *pepo* fruit (green zucchini morphotype) on subjective symptoms of vulvovaginal atrophy in women with breast cancer

Full Papers

1. **Hajimehdipour H**, Amanzadeh Y, Sadat-Ebrahimi SE and Mozaffarian V. Three Tetraoxygenated Xanthenes from *Swertia longifolia*. *Pharmaceutical Biology*, 2003, 41(7): 497-499.
2. **Hajimehdipoor H**, Sadeghi Zh, Elmi S, Elmi A, Ghazi-Khansari M, Amanzadeh Y, Sadat-Ebrahimi SE. Protective Effects of *Swertia longifolia* Boiss. and Its Active Compound, Swerchirin, on Paracetamol-Induced Hepatotoxicity in Mice. *Journal of Pharmacy and Pharmacology*, 2006, 58: 277-280.
3. **Hajimehdipoor H**, Dijoux-Franca MG, Mariotte AM, Amanzadeh Y, Sadat-Ebrahimi SE, Ghazi-Khansari M. Two New Xanthone Diglycoside from *Swertia longifolia* Boiss. *Natural Product Research*, 2006, 20(13): 1251-1257.

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.
7. **Hajimehdipoor H**, Amanzadeh Y, Hasanloo T, Shekarchi M, Abedi Z, Pirali Hamedani M. Investigating on the Quality of Wild Licorice Roots Collected from Different Regions of Iran. Journal of Medicinal Plants. 2008, 7(27): 106-113.
8. **Hajimehdipoor H**, Dijoux-Franca MG, Mariotte AM, Amanzadeh Y, Sadat-Ebrahimi SE, Ghazi-Khansari M, Mozaffarian V. Phytochemical Study of *Swertia longifolia* Boiss., DARU, 2008, 16(4): 245-249.
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.
13. Akbari B., Adib N., **Hajimehdipoor H**. A validated HPLC method for assay and content uniformity of Imipramin tablets 50 and 10 mg. Journal of Ilam University of Medical Sciences, 2010, 17(3): 57-63.
14. **Hajimehdipoor H**, Sadat-Ebrahimi SE, Izaddoost M, Amin Gh, Givi E, Ebrahimi S. Identification and Quantitative Determination of 4-Hydroxyisoleucine in *Trigonella foenum-graecum* from Iran. Journal of Medicinal Plants. 2010, 9, Supp. 6: 29-34.
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.

16. Adib N., Shekarchi M., Kobarfard F., Pirali Hamedani M., **Hajimehdipoor H.**, Rahimifard N. A New HPLC method for determination of ciprofloxacin in human plasma and its application in bioequivalence studies. *Bioscience, Biotechnology Research Asia*. 2008, 5(2): 583-586.
17. Rahimifard N, Sabzevari O, Shoeibi Sh, Pakzad SR, Ajdari S, **Hajimehdipoor H.** Bagheri F, Bagheri A. Antifungal activity of the essential oil of *Cinamomum zeylanicum* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus*. *Biomedical and Pharmacology Journal*. 2008, 1(1):85-88.
18. Rahimifard N, Sabzevari O, Pakzad SR, Ajdari S, Pirali Hamedani M, **Hajimehdipoor H.**, Bagheri F, Esmaei B. Antifungal activity of the native essential oil of *Thymus vulgaris* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus* from Iran. *Journal of Pure and Applied Microbiology*. 2008, 2(2):343-346.
19. Rahimifard N, Sabzevari O, Shoeibi Sh, Pakzad SR, Ajdari S, **Hajimehdipoor H.** Bagheri F, Safaei M. Antifungal activity of the essential oil of *Eugenia caryophyllata* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus*. *Biomedical and Pharmacology Journal*. 2008, 1(1):43-46.
20. Rahimifard N, Shoeibi Sh, Pakzad SR, Ajdari S, Pirali Hamedani M, **Hajimehdipoor H.**, Adib N, Shekarchi M, Pirouz B, Yalfani r, Bagheri F, Maleki M, Fatolahzadeh B, Hedayat M. Mutagenicity and carcinogenicity of 4 natural food flavour and preservative in food, cosmetic and sanitary industries. *Biosciences, Biotechnology Research Asia*. 2008, 5(2):639-640.
21. Shoeibi Sh., Rahimifard N., Pirali Hamedani M., Pakzad M., Ajdari S., **Hajimehdipoor H.**, Bagheri F., Mohamadpour B., Shahbazi S. Detection of Mycoplasma sp. In vaccines produced by cell culture. *Journal of Pure and Applied Microbiology*. 2009, 3(1): 63-65.
22. **Hajimehdipoor H.**, Pirali Hamedani M., Abedi Z., Zahedi H., Shekarchi M., Gohari AR. A Validated method for quantitative analysis of aucubin in *Vitex agnus castus* by TLC-densitometric method. *IJPR*, 2011, 10(4): 705- 710.
23. Rahimifard N., Pakzad SR., Shoeibi Sh., Hedayati MH., **Hajimehdipoor H.**, Motahharinia V., Mehrafshan L., Javadi A., Pirali Hamedani M. Effects of essential oil and extract of *Thymus vulgaris*, *Zataria multiflora* and *Eugenia caryophyllata* on Vero, Hela and HepII cell lines by MTT assay. *Journal of Medicinal Plants*, 2009, 8(30): 152-156.
24. Adib N., Shekarchi M., **Hajimehdipoor H.**, Shalviri G., Imaninejad M. Cytotoxic glucose degradation products in fluids from peritoneal dialysis. *IJPR*. 2011, 10(1): 113-118.
25. Adib N., Shekarchi M., Dabirsiaghi A, **Hajimehdipoor H.**, Rastegar H, Akbari-Adergani B. A new HPLC method for determination of repaglinide in human plasma and its application in bioequivalence studies. *Biosciences, Biotechnology Research Asia*, 2010, 7(2): 603-606.

26. **Hajimehdipoor H.**, Shekarchi M., Khanavi M., Adib N., Amiri M. A Validated HPLC Method for Analysis of Thymol and Carvacrol in *Thymus vulgaris* L. Volatile Oil. Pharmacognosy Magazine, 2010, 6(23): 154-158.
27. Shekarchi M., Khalili F., Mostofi Y., **Hajimehdipoor H***. High performance liquid chromatographic method determination of ascorbic acid in *Brassica oleracea* L. var. *italica* Plenck. Bioscience, Biotechnology Research Asia. 2011, 8(1): 95-100.
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29. Rahimifard N, **Hajimehdipoor H***, Hedayati MH, Bagheri O, Pishehvar H, Ajani Y. Cytotoxic Effects of Essential Oils and Extracts of some *Mentha* species on Vero, Hela and Hep2 Cell Lines. J. Med. Plants. 2010, 9(35): 88-92.
30. Hasanloo T, Sepehrifar R, **Hajimehdipoor H.** Levels of phenolic compounds and their effects on antioxidant capacity of wild *Vaccinium arctostaphylos* L. (Qare-Qat) collected from different regions of Iran. Turk J Biol. 2011; 35: 1-7.
31. Shoeibi Sh, **Hajimehdipoor H***, Rahimifard N, Rezazadeh Sh, Hasanloo T, Bagheri F, Amini A. Comparative study on anti-*Helicobacter pylori* effects of Licorice roots collected from different regions of Iran. J. Med. Plants. 2010, 8(36): 43-47.
32. Gohari AR, **Hajimehdipoor H**, Saeidnia S, Ajani Y, Hadjiakhoondi A. Antioxidant activity of some medicinal species using FRAP assay. J Med. Plants. 2011, 10(37): 54-60.
33. Gohari AR, Saeidnia S, **Hajimehdipoor H**, Shekarchi M, Hadjiakhoondi A. Isolation and quantification of rosmarinic acid from *Hymenocrater calycinus*. J Herbs, Spices Med. Plants. 2011, 17: 1-7.
34. Rahimifard N, **Hajimehdipoor H***, Hedayati MH, Esmaeili SM. Cytotoxic activity of Zofran hydromethanolic extract on Vero, HeLa and Hep2 cell lines by MTT assay. Journal of Iranian Medical Microbiology. 2011, 4(4): 59-65.
35. **Hajimehdipoor H**, Esmaeili S, Ramezani A, Jafari Anaraki M, Mosaddegh M. The cytotoxic effects of *Ferula persica* var. *persica* and *Ferula hezarlalezarica* against HepG2, A549, HT29, MCF7 and MDBK cell lines. IJPS. 2012; 8(2): 115-119.
36. **Hajimehdipoor H**, Adib N, Khanavi M, Mobli M, Amin GR, Hamzeloo moghadam H. Comparative study on the effect of different methods of drying on phenolics content and antioxidant activity of some edible plants. International Journal of Pharmaceutical Sciences and Research. 2012; 3(10): 3712-3716.
37. Sepand MR, Sudi M, Soleimani M, **Hajimehdipoor H.** Protective effects of *Melissa officinalis* on oxidative stress induced by β -amiloid peptide in PC₁₂ cells. Journal of Medicinal Plants. 2012; 11(42): 74-85.
38. Hamzeloo Moghadam M, **Hajimehdipoor H**, Saeidnia S, Atoofi A, Shahrestani R, Read RW, Mosaddegh M. Anti-proliferative activity and apoptic potential of britannin, a sesquiterpene lactone from *Inula aucheriana*. NPC. 2012; 7(8): 979-980.

39. **Hajimehdipoor H**, Mokhtari Kondori B, Amin GR, Adib N, Rastegar H, Shekarchi M. Development of a validated HPLC method for the simultaneous determination of flavonoids in *Cuscuta chinensis* Lam. By ultra-violet detection. DARU Journal of Pharmaceutical Sciences. 2012; 20: 57: 1-6.
40. Shekarchi M, **Hajimehdipoor H***, Khanavi M, Roostaie A. The effects of plant age and harvesting time on chicoric and caftaric acids content of *E. purpurea* (L.) Moench. IJPS. 2012; 8(3): 201-206.
41. **Hajimehdipoor H**, Esmaeili S, Shekarchi M, Emrarian T, Naghibi F. Investigation of some biologic activities of *Swertia longifolia*. RPS. 2013; 8(4): 253-259.
42. Hamzeloo Moghadam M, Firouzi J, Saeidnia S, **Hajimehdipoor H**, Jamili Sh, Rustaiyan A, Gohari AR. A Cytotoxic hydroperoxy sterol from the brown alga, *Nizamudinia zanardinii*. DARU Journal of Pharmaceutical Sciences. 2013: 21:24.
43. Hamzeloo Moghadam M, Esmaeili 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.
44. Shekarchi M, **Hajimehdipoor H***, Naghibi F, Ara L, Moazzeni Zehan H. Investigating Acetylcholinesterase Inhibitory Effects of some *Ferula* species. Journal of Medicinal Plants. 2013; 12(46): 107-113.
45. Jafari S, Saeidnia S, **Hajimehdipoor H**, Shams Ardekani MR, Faramarzi MA, Hadjiakhoondi A and Khanavi M. Cytotoxic evaluation of *Melia azedarach* in comparison with, *Azadirachta indica* and its phytochemical investigation. Daru. 2013; 21: 37: 1-7.
46. Khanavi M, **Hajimehdipoor H***, Emadi F, Fathi M, Hadjiakhoondi A. Composition of Essential Oil of *Thymus kotschyianus* Obtained by Hydrodistillation and Microwave Oven Distillation. Journal of Essential oil Bearing Plants. 2013; 16(1): 117-122.
47. **H. Hajimehdipoor**, T. Tehranifar, H. Shafaroodi. Acetylcholinesterase Inhibitory Effect of Some Medicinal Herbs Used in Iranian Traditional Medicine for Memory Improvement. Global Journal of Botanical Science. 2013; 1: 18-21.
48. **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. RJP. 2014; 1: 33-37.
49. Sadat-Ebrahimi SE, Hassanpoor Mir M, Amin GR, **Hajimehdipoor H***. Identification of amino acids in *Securigera securidaca*, a popular medicinal herb in Iranian folk medicine. RJP. 2014; 1: 23-26.
50. M. Shekarchi, B. Mokhtari Kondori, **H. Hajimehdipoor**, L. Abdi, M. Naseri, M. Pourfarzib, G.R. Amin. Fingerprinting and quantitative analysis of *Cuscuta chinensis* flavonoid contents from different hosts by RP-HPLC. Food and Nutrition Sciences. 2014; 5: 914-921.

51. **H. Hajimehdipoor**, Mahmoud Mosaddegh, F. Naghibi, M. Hamzeloo-Moghadam . Natural sesquiterpene lactones as acetylcholinesterase inhibitors. *Anais da Academia Brasileira de Ciencias*. 2014; 1-5.
52. H. Elahi, MR. Masroorchehr, S. Nemati, M. Kamalinejad, M. Besharat, **H. Hajimehdipoor**, M. Jalessi. Historical applications of *Nigella sativa* L. (black cumin) in the treatment of Zokam and Nazleh in Persian medicine. *The Journal of Reseach on History of Medicine*. 2014; 3(1): 11-19.
53. **H. Hajimehdipoor**, R. Shahrestani, M. Shekarchi. Investigating the synergistic antioxidant effects of some flavonoid and phenolic compounds. *Research Journal of Pharmacognosy*. 2014; 1(3): 35-40.
54. **H. Hajimehdipoor**, AR. Gohari, Y. Ajani, S. Saeidnia Comparative study of the total phenol content and antioxidant activity of some medicinal herbal extracts. *Research Journal of Pharmacognosy*. 2014; 1(3): 21-25.
55. **H. Hajimehdipoor**, M. Shekarchi, A. Aghighi, M. Hamzeloo-Moghadam . Evaluating the acetylcholinesterase inhibitory activity of *Ferulago angulata* and *Ferulago subvelutina*. *Research Journal of Pharmacognosy*. 2014; 1(2): 39-43.
56. MR. Sepand, M. Soodi, **H. Hajimehdipoor**, M. Soleimani, E. Sahraei. Comparison of neuroprotective effects of *Melissa officinalis* total extract and its acidic and non-acidic fractions against a β -induced toxicity. *IJPR*, 2013; 12(2): 415-423.
57. **H. Hajimehdipoor**, S. Esmaeili, Hamzeloo-Moghadam . The impact of improving the quality of designing questions on content validity of examinations for PhD students of traditional pharmacy. *Journal of Medical Education*. 2015; 14(2):77-80.
58. Soodi M, **Hajimehdipoor H**, Ataei N, Akbari Sh. Study of the protective effects of seven Iranian medicinal plant extracts against beta-amyloid induced cytotoxicity in PC12 cells. *Pathology Research*. 2016; 19(3): 45-58.
59. N. Kahkeshani, Y. Razzaghirad, SN. Ostad, A. Hadjiakhoondi, MR. Shams Ardakani, **H. Hajimehdipoor**, H. Attar, M. Samadi, E. Joel, M. Khanavi. Cytotoxic, acetylcholinesterase inhibitor and antioxidant activity of *Nepeta menthoides* Boiss. & Buhse essential oil. *Journal of Essential oil Bearing Plants*. 2014; 17(4): 544-552.
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61. Sh. Fahimi, SA. Mortazavi, M. Abdollahi, **H. Hajimehdipoor***, AH. Abdolghaffari, MA. Rezvanfar. Evaluation of wound healing activity of a traditionally used poly herbal product in rat burn model. *J Iranian Red Cres*. 2015; 17(9):e19960.
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67. Saeidnia S, Ara L, **Hajimehdipoor H***, Read RW, Arshadi S, Nikan M. Chemical constituents of *Swertia longifolia* Boiss. With α -amylase inhibitory activity. Research in Pharmaceutical Sciences. 2016; 11(1): 23-32.
68. Y. Amanzadeh, **H. Hajimehdipoor***, Z. Abedi, M. Khatamsaz. Chemical constituents of *Amygdalus* spp. Oil from Iran. Research Journal of Pharmacognosy. 2016; 3(1): 29-33.
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70. Soodi M, Saeidnia S, Sharifzadeh M, **Hajimehdipoor H**, Dashti A, Sepand MR, Moradi Sh. *Satureja bachtiarica* ameliorate beta-amyloid induced memory impairment, oxidative stress and cholinergic deficit in animal model of Alzheimer's disease. Meta Brain Dis. 2015; DOI 10.1007/s11011-015-9773-y.
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72. M. Jahandideh, **H. Hajimehdipoor**, SA Mortazavi, A Dehpour, Gh Hassanzadeh. A Wound Healing Formulation Based on Iranian Traditional Medicine and Its HPTLC Fingerprint. Iranian Journal of Pharmaceutical Research. 2016; 15 (Special issue): 149-157.
73. F. Ahmadzadeh Sani, M. Hajifaraji, Y Mehrabi, MS Rezaee, **H. Hajimehdipoor**, A. Hasanzadeh. The effect of sour tea consumption (*Hibiscus sabdariffa* L.) on the lipid profile in dyslipidemic subjects. J Health Syst Res 2013; Nutrition supplement: 1515-1526.
74. S. Dehdari, **H. Hajimehdipoor***. An overview on medicinal properties of *Adiantum cappilus-veneris* Linn; in Iranian Traditional medicine and modern phytotherapy. Iranian Journal Public Health. 2018, ;47(2):188-197.

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77. M. Soodi, A. Dashti, **H. Hajimehdipoor**, Sh. Akbari, N. Ataei. *Melissa officinalis* acidic fraction protects cultured cerebellar granule neurons against beta amyloid-induced apoptosis and oxidative stress. *Cell Journal*. 2017; 18(4): 556-564.
78. **H. Hajimehdipoor**, L. Ara, H. Moazzeni, S. Esmaeili. Evaluating the antioxidant and acetylcholinesterase inhibitory activities of some plants from Kohgiluyeh va Boyerahmad provinces, Iran. *Res J Pharmacogn*. 2016; 3(4): 1-7.
79. A. Ghourchian, **H. Hajimehdipoor***, L. Ara, R. Choopani, M. Kamalinejad, A. Salimzadeh, L. Gachkar, M. Malekfar. Essential oil and fixed oil content of *Nigella sativa* after a traditional medicine processing- a comparative study. *Biological Forum*. 2016; 8(2): 120-125.
80. Z. Pilevar, H. Hosseini, **H. Hajimehdipoor**, F. Shahraz, L. Alizadeh, A. Mousavi Khanghah, M. Mahmoudzadeh. The anti-*Staphylococcus aureus* effect of combined *Echinophora platyloba* essential oil and liquid smoke in beef. *Food Technol Biotechnol*. 2017; 55(1): 117-124.
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Abstracts

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Research Instructor in the Following Theses

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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.
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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.
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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 Pishevar. Pharmaceutical Sciences Branch, Islamic Azad University. 1388-89.
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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.

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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 *Staphyllococcus aureus*, *Bacillus cereus* and *Pseudomona aeroginosa*. 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.

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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. tetrastrum*. Helia Soleimani. Pharmaceutical Sciences Branch. Islamic Azad University. 1392.
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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 Ghiasifard. 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.
40. Study of the anti-fatigue effect of three medicinal plants derived from traditional Iranian medicine sources in animal models and formulation of the effective plant. Akram Alembagheri. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1399-1402.
41. Investigating the anti-fatigue effect of Elletaria cardamom and Polygonatum orientale in an animal model and preparing an oral pharmaceutical dosage form from the effective plant. Seyyed Ahmad Askari. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1400.
42. Evaluation of the effect of two selected plants from Iranian traditional medicine sources in improving diminished ovarian reserve (DOR) in an animal model and preparation of an oral dosage form from the effective plant. Leila Safarian. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1400.

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 kotschyianus* 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.

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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 Roostaei. 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 specimens. 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 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 Joulaei Rad. Shahid Beheshti University of Medical Sciences. Faculty of Nursing and Midwifery. 1394.

29. Effect of apple-quince syrup on migraine headache. Ahmad Karimi. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1397.
30. 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.
31. Evaluating the effectiveness of frankincense vaginal gel compared to placebo in candidal vaginitis. Fazeleh Heidarian. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1398-1401.
32. Studying the effect of a vaginal product of green zucchini (*Cucurbita pepo* L. subsp. *pepo* fruit) on subjective symptoms of vulvovaginal atrophy in women with breast cancer. Zahra Ahmadi Basir. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1402.
33. The effect of a traditional medicine product (soda heal) on anxiety in infertile men. Mohsen Shokravi. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1402.
34. Studying the effect of *Viola odorata* L. tablet on fatigue of patients with breast cancer. Fatemeh Khancherli. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1404.
35. Studying the effect of *Plantago major* on chemotherapy-induced diarrhea in patients with colon cancer. Hamideh Rahmani. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. 1404.

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 Itrifol-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.