

Curriculum Vitae

Maryam Hamzeloo-Moghadam

Full 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. of Pharmacognosy, Department of Pharmacognosy, School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

2007: Practicum Program: School of Chemistry, UNSW, Sydney, Australia.

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

Research interests

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

Administrative duties

- Deputy of Education, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2022- present).
- 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- 2022)
- 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)

Thesis

1. Evaluation of the effects of Gaillardin on some autophagy-related factors and JAK/STAT signaling pathway in human breast cancer cell line MCF7, 2024/02/05
2. Formulation and Quality control of fennel's syrup, 2023/12/10

3. Evaluation of the effects of Britannin on some autophagy-related factors and JAK/STAT signaling pathway in human breast cancer cell line MCF7, 2023/09/26
4. Effect of “Monziq-e-Balgham” on airway inflammation and histopathological. changes in Balb/c mouse model of ovalbumin-induced allergic asthma, 2022/06/25
5. Formulation of “monzeg-e-soda” syrup according to Iranian Traditional Medicine references and determining the assessment indicators for the product, 2022/05/14
6. Quality control assessment of medicinal plants in "Monzej-e-Balgham" formulation and preparation of dry herbal extract, 2022/04/16
7. Preparation, Quality control and antidepressant evaluation of dodder extract in Balb C mice, 2022/03/08
8. Preparation and quality control assessment of dodder prepared according to Iranian Traditional Medicine, 2022/03/08
9. Evaluating the effect of f “Monzej-e-balgham” tablet and syrup on stomach mucus in male rat, 2022/02/26
10. Evaluating the DNA damaging and cytotoxic Effect of some plants from Kohgilouye and Boyerahmad province, 2022/02/19
11. Cytotoxic Activity of Some Medicinal Plants from Kohgiluyeh-va-BoyerAhmad, 2022/02/16
12. Evaluating the apoptotic potential of Acanthophyllum bracteatum and Acanthophyllum microcephalum extracts in MCF-7 cells, 2022/02/05
13. 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 and MDBK cells, 2022/02/05
14. Evaluating the apoptotic potential of *Achillea filipendulina* and *Acroptilon repens* extracts in MCF-7 cells, 2022/02/05
15. Evaluation of cytotoxic effect of *Gypsophila ruscifolia* Boiss, 2022/02/05
16. Evaluating the apoptotic role of sesquiterpene lactones to cease cancer, a narrative review, 2024/02/18
17. Evaluation of the effects of gaillardin on metastatic and angiogenic factors in human ovarian cancer cell line SKOV3, 2024/01/10
18. Analgesic medicinal plants in Iranian traditional medicine and the mechanism of action by protein network analysis, 2023/12/30
19. Evaluation of the effects of Gaillardin on the proliferation and key markers of apoptosis in human ovarian cancer cell line SKOV3, 2024/01/10- 2025/07/03

20. A narrative review of targeting autophagy for breast cancer prevention and therapy: from classical methods to phytochemical agents, 2023/12/30-2024/12/29
21. Phytochemical study *Gypsophila ruscifolia* Boiss, 2021/01/22
22. Effect of *Pistacia atlantica* and almond Oil on airway inflammation and histopathological changes in Balb/c mouse model of ovalbumin-induced allergic asthma, 2019/05/05
23. Formulation and quality control of jujube syrup, according to traditional pharmacy texts, 2019/03/18
24. comparing the effect of topical ginger oil with oral ginger on the of menstrual flow , 2018/02/10
25. Survey of cytotoxic activity of selected species of the family Lamiaceae in Iran against MCF7, Ht29, HepG2, MDBK, and A549 cells, 2017/04/21
26. Investigation of anti malarial lead compound from medicinal plants of Iran, 2013/12/21
27. Evaluating the apoptotic potential of gaillardin isolated from *Inula oculus-christi* , 2013/04/09
28. Investigation for cytotoxic activity and isolation of active compounds of one species of *Inula*, 2011/09/01

Publications

1. Hajar Sadat Sadeghi, Mostafa Rezaei Tavirani, Roshanak Mokaberinejad, Mohammad Poormohammadi. Medicinal plants used to relieve toothache in Iranian traditional medicine. *Research Journal of Pharmacognosy*, 2025; 12(1): 63-78.
2. Roshanak Mokaberinejad, Gholamreza Bazmandegan, Maryam Hamzeloo-Moghadam, Mohammad Reza Mirzabeigi Abadi. The Effect of *Cuscuta chinensis* on Mild to Moderate Depression: a Double-Blind Randomized Clinical Trial. *Research Journal of Pharmacognosy*, 2025; 12(2): 35-43.
3. Arian Salimi, Maryam Hamzeloo-Moghadam, Mahboobeh Irani, Somayeh Esmaeili. Antimalarial evaluation of selected medicinal plants traditionally used for treatment of fever, by inhibition test of heme polymerization. *Annales Pharmaceutiques Françaises*, 2025; 83(2): 311-321.
4. Sadegh Rajabi, Mahboubeh Irani, Marzieh Moeinifard, Maryam Hamzeloo-Moghadam. Britannin suppresses MCF-7 breast cancer cell growth by inducing apoptosis and inhibiting autophagy. *Avicenna Journal of Phytomedicine*, 2024; 14(1): 90.
5. Sadegh Rajabi, Heewa Shakib, Nahid Safari-Alighiarloo, Marc Maresca, Maryam Hamzeloo-Moghadam. Targeting autophagy for breast cancer prevention and therapy: From classical methods to phytochemical agents. *Iranian Journal of Basic*

Medical Sciences, 2024; 27(12): 1475.

6. Chou-Yi Hsu, Sadegh Rajabi, Maryam Hamzeloo-Moghadam, Abhinav Kumar, Marc Maresca, Pallavi Ghildiyal. Sesquiterpene lactones as emerging biomolecules to cease cancer by targeting apoptosis. *Frontiers in Pharmacology*, 2024; 15: 1371002.
7. Hanieh Noormohamadi, Maryam Hamzeloo-Moghadam, Davood Bashash, Maryam Kargar, Mehrdad Izadirad, Seyedeh Zahra Hasanpour, Ahmad Gharehbaghian. Gaillardin exerts potent antileukemic effects on HL-60 cells and intensifies arsenic trioxide cytotoxicity: Providing new insight into sesquiterpene lactones in leukaemia treatment. *Clinical and Experimental Pharmacology and Physiology*, 2024; 51(4): e13847.
8. Parivash Gholami, Roshanak Mokaberinejad, Maryam Hamzeloo-Moghadam, Ghazaleh Heidarirad, Sajjad Sadeghi, Mahmood Khodadoost. A Review of "Narcissus tazetta L." in Traditional Persian Medicine and Modern Medicine. *Traditional and Integrative Medicine*, 2024; 9(2): 219-226.
9. Sadegh Rajabi, Zahra Tahmasvand, Marc Maresca, Maryam Hamzeloo-Moghadam. Gaillardin inhibits autophagy and induces apoptosis in MCF-7 breast cancer cells by regulating JAK/STAT pathway. *Molecular Biology Reports*, 2024; 51(1): 158.
10. Mohammad H Abdolmohammadi, Maryam Roozbehani, Maryam Hamzeloo-Moghadam, Fatemeh Heidari, Faranak Fallahian*. Targeting PPAR γ / NF-KB Signaling Pathway by Britannin, a Sesquiterpene Lactone from *Inula aucheriana* DC., in Gastric Cancer. *Anti-Cancer Agents in Medicinal Chemistry-Anti-Cancer Agents*, 2023; 23(19): 2102-2110.
11. Mojgan Tansaz, Najmeh Faridi, Homa Hajimehdipoor, Leila Ara, Behnaz Keramatian, **Maryam Hamzeloo-Moghadam***. Fennel-Lemon Balm Syrup for Alleviating Hot Flash in Post-Menopausal Women, a Pilot Study. *Research Journal of Pharmacognosy*, 2023; 10(1): 15-22.
12. Mohammad Hossein Abdolmohammadi, Maryam Roozbehani, **Maryam Hamzeloo-Moghadam**, Fatemeh Heidari, Faranak Fallahian*. Peroxisome proliferator-activated receptor gamma (PPAR γ) pathway mediates anticancer activity of Britannin, isolated from *Inula aucheriana* DC., in human gastric cancer cells. *Research Square*. 2022; 1-16.
13. Mohammadlou H, **Hamzeloo-Moghadam M**, Yami A, Feizi F, Moeinifard M, Gharehbaghian A. Britannin a sesquiterpene lactone from *Inula aucheriana* exerted an anti-leukemic effect in acute lymphoblastic leukemia (ALL) cells and enhanced the sensitivity of the cells to vincristine. *Nutr Cancer*. 2022; 74(3): 965-977.
14. **Hamzeloo-Moghadam M**, Athari S, Kashafrودي H, Dargahi T, Ara L, Choopani R. Effects of a polyherbal formulation on inflammation and histopathological alterations in mice with ovalbumin-induced allergic asthma. *Avicenna J Phytomed*, 2022; 12(5): 527-536.
15. Mohammadlou H, **Hamzeloo-Moghadam M**, Moeinifard M, Gharehbaghian A. Cytotoxic effects of britannin on acute and chronic myeloid leukemia cells through inducing p21-mediated apoptotic cell death. *Turk J Pharm Sci*. 2022 27; 19(3):314-321.
16. **Hamzeloo-Moghadam M***, Ara L, Jafari F, Mokaberinejad R. *Cuscuta chinensis* antidepressant-like effect, the role of 5-HT and the impact on behavioral response in mice. *Res J Pharmacogn*. 2022; 9(3): 1-4.

17. Maryam Roozbehani, Mohammad Hossein Abdolmohammadi, **Maryam Hamzeloo-Moghadam**, Shiva Irani, Faranak Fallahian*. Gaillardin, a potent sesquiterpene lactone induces apoptosis via down-regulation of NF- κ B in gastric cancer cells, AGS and MKN45. *Journal of Ethnopharmacology*. 2021; 281: 114529
18. Mohammadlou H, Hamzeloo-Moghadam M, Mohammadi MH, Yami A, Gharehbaghian A. Britannin, a sesquiterpene lactone induces ROS-dependent apoptosis in NALM-6, REH, and JURKAT cell lines and produces a synergistic effect with vincristine. *Mol Biol Rep*. 2021; 48(9):6249-6258.
19. Esmaeili S, Asadi M, Mosaddegh M, Mohammadi Motamed S, **Hamzeloo-Moghadam M***. Cytotoxic activity of *Centaurea albonitens* Turill aerial parts in colon and breast cancer cell lines. *J Med Plants*. 2021; 20(78): 59-67.
20. Abuali M, Rezadoost H, Vazirian M, Balaei-Kahnamoei M, **Hamzeloo-Moghadam M**. Cytotoxic Effects of *Eupatorium cannabinum* on MCF-7 Human Breast Cancer Cell Line. *Res J Pharmacogn*. 2021; 8(2): 69-75.
21. Rezaghi M, Mortazavi SA, Sheikholeslami MA, Choopani R, Fahimi Sh, **Hamzeloo-Moghadam M***. Effects of traditional formulations on extra gastric mucus of rats. *Int J Pharm Sci Res*. 2021; 12: 156-162
22. Rezaghi M, Mortazavi SA, Fahimi Sh, Choopani R, Sheikholeslam A, **Hamzeloo-Moghadam M***. Polyherbal tablet based on Iranian traditional medicine. *J Med Plants*. 2021;20(75): 15-25.
23. Kamali M, Mosaddegh M, Delnavazi MR, Shahrestani R, Malek Mohammadi M, **Hamzeloo-Moghadam M**. Evaluation of the cytotoxicity activity of *Gypsophila ruscifolia* by Bioassay-Guided Fractionation. *Res J Pharmacogn*. 2020; 7(4): 75-82.
24. Yami A, **Hamzeloo-Moghadam M**, Darbandi A, Karami A, Mashati P, Takhviji V, Gharehbaghian A. Ergolide, a potent sesquiterpene lactone induces cell cycle arrest along with ROS-dependent apoptosis and potentiates vincristine cytotoxicity in ALL cell lines. *J Ethnopharmacol*. 2020; 253: 112504.
25. Karami A, **Hamzeloo-Moghadam M**, Yami A, Barzegar M, Mashati P, Gharehbaghian A. The Effect of Gaillardin on proliferation and apoptosis of acute lymphoblastic leukemia cell line (Nalm-6). *J Med Plants*. 2020; 19: 107-117.
26. Ahmadi N, Razzaghi M, **Hamzeloo-Moghadam M**, Rostami-NejadM, Rezaei-Tavirani M, Heidari MH, Safari S, Rezaei-Tavirani M. Assessment of saffron neuroprotective properties in rat retina versus light damage. *Res J Pharmacogn*. 2020; 7(2): 33-42.
27. Karami A, **Hamzeloo-Moghadam M**, Yami A, Barzegar M, Mashati P, Gharehbaghian A. Antiproliferative Effect of Gaillardin from *Inula oculus-christi* in human leukemic cells. *Nutr Can*. 2020; 72(6):1043.
28. Yami A, **Hamzeloo-Moghadam M**, Karami A, Barzegar M, Amiri V, Gharehbaghian A. The apoptotic potential of ergolide to induce apoptosis in molt4 cell lines. *J Med Plants* 2020, 19(74): 155-162.
29. Rezaghi M, Mortazavi SA, Choopani R, Fahimi Sh, Sheikholeslami MA, **Hamzeloo-Moghadam M**. Formulation of a traditional polyherbal product to a standard pharmaceutical syrup and development of its quality control methods. *Res J Pharmacogn*. 2019; 6(4): 53-59.
30. Zakerin S, Rezaghi M, Hajimehdipoor H, Ara L, **Hamzeloo-Moghadam M***. Antidepressant effect of a polyherbal syrup based on Iranian traditional medicine. *Res J Pharmacogn*. 2019; 6(2): 49-56.

31. **Hamzeloo-Moghadam M**, Aghaei M, Abdolmohammadi MH, Fallahian F. Anticancer activity of britannin through the downregulation of cyclin D1 and CDK4 in human breast cancer cells. *J Can Res Ther*. 2019 15(5):1105-1108.
32. **Hamzeloo-Moghadam M***, Shahrestani R, Keramatian B, Mohebbi S. Cytotoxic activity of *Crocus pallasii* subsp. *haussknechtii* in human cancer cell lines. *Int J Pharm Sci Res*. 2019; 10(1): 117-120.
33. Mosaddegh M, Irani M, **Hamzeloo-Moghadam M***. *Acroptilon repens* induces apoptosis in human breast adenocarcinoma. *Bangladesh J Pharmacol*. 2018; 13: 362-366.
34. **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.
35. 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.
36. Mojtavaee 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.
37. 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.
38. 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.
39. 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
40. 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.
41. 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.
42. 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.
43. 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.
44. Khoshkhoo B, Mohammadi Motamed S, **Hamzeloo-Moghadam M***. *Datura innoxia* anti-angiogenesis properties. *Res J Pharmacogn*. 2017; 4(2): 39-44
45. 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.

46. 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
47. 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
48. 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.
49. **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.
50. **Hamzeloo-Moghadam M**, Aghaei M, Fallahian F, Jafari SM, Dolati M, Abdolmohammadi MH, Hajiahmadi S, Esmaeili 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.
51. **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.
52. Esmaeili 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 Behehti universities of medical sciences (2008-2013). *J studies develop med edu.* 2015; 12(1): 168-176.
53. 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
54. **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.
55. Mosaddegh M, Esmaeili 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.
56. 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.
57. 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.
58. **Hamzeloo-Moghadam M**, Taiebi N, Mosaddegh M, Eslami Tehrani B, Esmaeili S. The effect of some cosolvents and surfactants on viability of cancerous cell lines. *Res J Pharmacogn.* 1(3): 41-45.
59. 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.
60. **Hamzeloo-Moghadam M**, Eslami Tehrani B, Pirani A, Hassanpour A, Esmaeili 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.

61. 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.
62. **Hamzeloo-Moghadam M**, Esmaeili S, Fotoohi F, Naghibi F, Pirani A, Hajimehdipoor H. *In vitro* evaluation for cytotoxic activity of three *Ferula* species. *Int J Pharm Sci Res*. 2013; 4(7): 2673-2676.
63. **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.
64. **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.
65. 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. *Int J Pharm Sci Res*. 2012; 3(10): 3712-3716.
66. 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. *Iran J Appl Animal Sci*. 2(3): 2012; 283-286.
67. **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.
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70. Ghafari S, **Hamzeloo-Moghadam M***. Traditional Iranian medicine and importance of breastfeeding. *J Islam Iran Trad Med*. 2011; 2(2): 117-122.
71. Abdollahzadeh Sh, Mashouf RY, Mortazavi H, **Hamzeloo-Moghadam M**, Roozbahani N, Vahedi M. Antibacterial and antifungal activities of *Punica granatum* peel extract against oral pathogenes. *J Dentistry*. 2011; 8(1): 1-6.
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73. Mosaddegh M, Ostad SN, Naghibi F, **Hamzeloo Moghadam M**. Cytotoxic effects of five species of *Inula* against some tumor cell lines. *Iran J Pharm Sci*. 2006; 2(4): 203-208.

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

Abstracts

1. Esmaeili S, Naderi F, **Hamzeloo-Moghadam M**, Mohammadi Motamed S. *Rhazya stricta* cytotoxic properties. 15th Iranian Congress of Toxicology. 2019, Tehran.
2. Mosaddegh M, **Hamzeloo-Moghadam M**, Esmaili S, Izadi N. The cytotoxic effect of *Eryngium billardieri* on breast cancer cells in comparison with normal cells. 15th Iranian Congress of Toxicology. 2019, Tehran.
3. **Hamzeloo-Moghadam M**, Asadi M, Esmaeili S, Mosaddegh M, Mohamadd iMotamed S. Cytotoxic effects of *Centaurea albonites* in AGO-1522, HT-29, A-549 and MCF-7 cell lines. 15th Iranian Congress of Toxicology. 2019, Tehran.
4. 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. 2018, Tehran, Iran.
5. 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.
6. **Hamzeloo-moghadam M**, Mosaddegh M, Eslami Tehrani B, Hajimehdipoor H, Esmaeili S. Cytotoxic activity of *Acanthophillum bracteatum* and *A. microcephalum* in a human breast cancer cell line. 16th Annual medicinal & pharmaceutical sciences congress. 2017, Seoul, South korea.
7. 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.
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