

## **Curriculum Vitae Somayeh Esmaeili**

Full Professor, Department of Traditional Pharmacy, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2009- Present).  
<http://traditional.sbm.u.ac.ir>

**Tel:** +98 21 88773525- 404

**E-Mail:** [sesmaeili@sbmu.ac.ir](mailto:sesmaeili@sbmu.ac.ir)

### **Education**

Ph.D. in Pharmacognosy

Department of Pharmacognosy, School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2009.

Ph.D. Thesis "In vitro and in vivo screening of antiplasmodial effect of some medicinal plants of Iran"

Pharm.D.

School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2001.

Pharm.D. Thesis "Screening of Some Amylase Producing Microorganisms"

### **Research interests**

- Quality control of medicinal plants and herbal drugs
- Evaluating the biological activity of medicinal plants
- Formulating natural products
- Ethnopharmacology

### **Administrative duties**

- Vice-Chancellor for Student-Cultural Affairs Shahid Beheshti University of Medical Sciences, Tehran, Iran (2021 - present)
- Vice-Dean of Research, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2015 - 2021)
- Vice-Dean, Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2014 - present)
- Member of the National Board of Traditional Pharmacy, Ministry of Health and Medical Education, Tehran, Iran (2014 till present)
- Vice-Dean of Academic and Research, School of Traditional Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2009 - 2015)
- Academic member of staff at Shahid Beheshti School of Traditional Medicine (involved in teaching & research activities), Tehran, Iran (2009 - present)
- Teaching to undergraduate pharmacy and postgraduate pharmacy students, as well as the supervision of Pharm.D and Ph. D thesis as an invited lecturer at different institutes (2009 - present)
- Director, Traditional Medicine and Materia Medica Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran (August 2002- 2005)
- Researcher of School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2000 - 2002)

## Publications

1. Taheri M, Riahi SM, Emami Meybodi MK, Ahmadian-Attari MM, **Esmaeili S**, Mokaberinejad S “ Effect of Squill Oxymel on Knee Osteoarthritis: A Triple-Blind, Randomized, Controlled Clinical Trial” *Trad Integr Med*, 2023, 8(2), 119-129.
2. Yadollahi H, Safaeinejad F, Hajimehdipoor H, Mousavi Z, Ara L, **Esmaeili S** “ Anti-Fatigue Effect of Viola odorata L. in Forced Swimming Test in Rat” *Traditional and Integrative Medicine*, 2023, 8(2), 164-169.
3. Alembagheri A, Hajimehdipoor H, Choopani R, **Esmaeili S** “ An Overview of Cardiotoxic Medicinal Plants from the Perspective of Iranian Traditional Medicine” *Jundishapur Journal of Natural Pharmaceutical Products*, 2023, 18(1), e129338.
4. Khodadoost M, Zali A, Gholamzadeh S, Azizmohammad Looha M, Akrami F, Rahmati Roodsari S, **Esmaeili S**, Khounraz F, Amini M, Mohammadi G “ Job Burnout and reduced personal accomplishment among Health sector employees during COVID-19 pandemic” *Health Scope*, 2023, 12(1), e129841.
5. Alembagheri A, Hajimehdipoor H, Choopani R, **Esmaeili S** “ The role of selected medicinal plants from Iranian traditional medicine for the treatment of fatigue in metabolic syndrome” *Tradit Med Res*, 2023, 8(4), 23.
6. Vafae R, Zamanian Azodi M, Rezaei Tavirani M, Razzaghi Z, Arjmand B, **Esmaeili S** “ Cancer chemo-preventive effects of red propolis: a system biology approach” *Res J Pharmacogn*, 2023, 10(1), 23-29.
7. Arjmand B, Zamanian Azodi M, Rezaei Tavirani M, **Esmaeili S**, Vafae R\* “Contradictory Effects of 6-Shogaol on the Human Cervical Cancer Cell Line HeLa Through Network Analysis” *RJP*, 2022, 9(1), 29-37.
8. **Esmaeili S**, Rezaei-Tavirani M\*, Razzaghi M, Okhovatian F “Efficacy of Valerian Root Extract on Anxiety via Bioinformatics” *RJP*, 2022, 9(4), 13-20.
9. Alembagheri A, Hajimehdipoor H, Choopani R “An overview of cardiotoxic medicinal plants from the perspective of Iranian Traditional Medicine” *Jundishapur Journal of Natural Pharmaceutical Products*, 2022, 18(1), p2552568.
10. Pashapour S, Heshmati M\*, Mousavi Z, **Esmaeili S** “The Apoptotic Effect of Methanolic Extract of Galium verum on HT29 Cell Line” *Journal of Biological studies*, 2022, 4(4), 210-220.
11. Mohebi M, Fayazi N, Esmaeili S, Rostami M, Bagheri F, Aliabadi A, Asadi P, Saghaie L\* “ Synthesis, characterization, molecular docking, antimalarial, and antiproliferative activities of benzyloxy-4-oxopyridin benzoate derivatives, *Research in Pharmaceutical Sciences*, 2022, 17(3), 252-264.
12. Esmaeili S, Keramatian B, Kashafrودي H, Choopani R, Hajimehdipoor H\* “ Capparis spinosa L. tablet: from traditional to modern dosage form , *Journal of Medicinal Plants*, 2022, 21(82), 56-65.
13. Fayyazi N\*, Allahia S, Saghaei L\*, **Esmaeili S**, Rostami M “Molecular Modeling,  $\beta$ -Hematin Interactions Evaluation Based on Antimalarial Compounds and Synthesis of Some Hydroxypyridinone Derivatives as New Scaffold, *American Journal of Biomedical Science & Research*, 2022, 16(3), 321-332.
14. Pashapour S, Heshmati M\*, Mousavi Z, **Esmaeili S** “Effect of whole methanolic extract of Galium verum on AGO cell line” *Toxicology Communications*, 2022 4(2),10.
15. Asri N, Rezaei-Tavirani M, Rostami-Nejad\* M, Jahani-Sherafat S, **Esmaeili S**, Khodadoost M “Gut Healing Natural Resource’s Role in Management of Celiac Disease, a Brief Review” *RJP*, 2021, 8(4), 91-100.
16. Pashapour S, Heshmati M, Mousavi Z, **Esmaeili S** “The effects of methanolic extract of the aerials parts of Galium verum on HT29 and AGO cell lines” *The Nucleus*,

- 2021, 65, 223–232.
17. Mozafari S, **Esmaeili S**, Momenyan S, Zadeh Modarres S, Ozgoli G “Effect of *Zingiber officinale* Roscoe rhizome (ginger) capsule on postpartum pain: Double-blind randomized clinical trial” *JRMS*, 2021, 26(1), 105.
  18. Zamanian-Azodi M, Rezaei-Tavirani M, **Esmaeili S**, Rezaei Tavirani M “Bioinformatics Identification of Green Tea Anticancer Properties: a Network-Based Approach” *RJP*, 2021, 8(2), 17-25.
  19. **Esmaeili S**, Rostami-Nejad M, Rezaei-Tavirani M\*, Okhovatiand F, Zadeh-Esmaeeli M, Razzagh Z, Ahmadzadeh A, Vafae R “Evaluating of Gene Expression Alteration after Garlic Consumption, Analyzing through Bioinformatics Approach” *IJPR*, 2021, 20(1), 72-81.
  20. Zamanian-Azodi M, Rezaei-Tavirani M, **Esmaeili S**, Arjmand B “Evaluation of Anticancer Effect of Ghost Pepper: A Bioinformatics Assessment” *RJP*, 2021, 8(3), 77-82.
  21. **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” *Journal of Medicinal Plants*, 2021, 20, 59-67.
  22. Navidpour L, Chibale K, **Esmaeili S**, Ghiaee A, Hadjesfandiari N, Irani M, Ahmadi S, Yassa N\* “Antimalarial activities of (Z)-2-(nitroheteroarylmethylene)-3(2H)-benzofuranone derivatives: In vitro, in vivo assessment and  $\beta$ -hematin formation inhibition activity” *Antimicrobial Agents and Chemotherap*, 2021, 65(9), 10.1128/aac. 02683-20.
  23. Hamzeloo-moghadam M, Rezaei-tavirani M, Razzaghi M, Rezaei tavirani S, **Esmaeili S**, Ahmadzadeh A “Assessment of omeprazole side effect: A system biology study” *Gastroenterology and hepatology from bed to bench*, 2021, 14(4), 334-341.
  24. Ghorbani A, Mosaddegh M, **Esmaeili S**, De Boer H “Molecular Authentication of *Radix Behen Albi* (“Bahman Sefid”) Commercial Products Reveals Widespread Adulteration” *RJP*, 2020, 7(4), 57-64.
  25. Dehdari S, Hajimehdipoor H, **Esmaeili S**, Mortazavi A, Choopani R “Formulation and Finger Printing of a Poly Herbal Film-Coated Tablet for Treatment of Hemorrhoids, *RJP*, 2020,7(4), 39-47.
  26. Ali-Akbari-Sichani B, Darooneh T, Rashidi Fakari F, Moattar F, Nasiri M, Delpak-Yeganeh S, **Esmaeili S**, Ozgoli G “Effect of *Crocus sativus* (Saffron) on cervical ripening and progress of labor in primiparous term women: A randomized double-blind placebo-controlled trial” *International Journal of Pediatrics*, 2020,8(9), 12105-12115.
  27. Irani M, Choopani R, **Esmaeili S**, Dargahi T, Athari SM, Athar SS “Effect of nettle seed on immune response in a murine model of allergic asthma” *Revue Française d'Allergologie*, 2020, 60(5), 417-422.
  28. Pashapour S, Heshmati M, Mousavi Z, **Esmaeili S** “The cytotoxicity of the chloroform and petroleum ether fractional extracts of *Galium verum* L. in HepG2 and HT29 cell lines” *Journal of Kermanshah University of Medical Sciences*. 2020, 4(2):e101079.1-5.
  29. **Esmaeili S**, Irani M, Moazzeni H, Mosaddegh M” Inhibition of heme polymerization, the mechanism of antimalarial activity in *Phlomis caucasica* Rech.f. (Lamiaceae)” *Journal of Medicinal Plants*, 2020, 103-9.
  30. Rostami-Nejad M, Razzaghi M, **Esmaeili S**, Zali A, Rezaei-Tavirani M, Heidari M, Rezaei-Tavirani M, Zamanian-Azodi M, Ahmadi N “Evaluation of Anticancer and Neuroprotective Properties of Curcumin: a Network Analysis” *RJP*, 2020, 7(3), 85-92.
  31. Fayyazi N, Fassihi A, **Esmaeili S**, Taheri S, Ghasemi J, Saghaie L “Molecular dynamics simulation and 3D-pharmacophore analysis of new quinoline-based

- analogues with dual potential against EGFR and VEGFR-2” International journal of biological macromolecules, 2020, 94-113.
32. Rostami-Nejad M, Razzaghi Z, **Esmaeili S**, Rezaei-Tavirani S, Akbarzadeh Baghban A, Vafae R “Immunological reactions by T cell and crucial genes regulation in the treated celiac disease patients” Gastroenterology and Hepatology from Bed to Bench, 2020, 13(2), 1921-1921.
  33. Fayyazi N, **Esmaeili S**, Taheri S, Ribeiro F, Scotti M, Scotti L, Ghasemi J, Saghaei L, Fassihi A “Pharmacophore modeling, synthesis, scaffold hopping and biological  $\beta$ -hematin inhibition interaction studies for anti-malaria compounds” Current topics in medicinal chemistry, 2019, 2743-2765.
  34. NaderiDastjerdi M, Darooneh T, Nasiri M, Moatar F, **Esmaeili S**, Ozgoli G “Investigating the Effect of *Melissa officinalis* on After-Pains: A randomized single-blind clinical trial” Journal of caring sciences, 2019, 129-138.
  35. Mashati P, **Esmaeili S**, Dehghan-Nayeri N, Bashash D, Darvishi M, Gharehbaghian A “Methanolic extract from aerial parts of *Artemisia annua* L. induces cytotoxicity and enhances vincristine-induced anticancer effect in pre-b Acute Lymphoblastic Leukemia Cells” International Journal of Hematology-Oncology and stem cell research , 2019, 132-139.
  36. Rostami-Nejad M, Rezaei-Tavirani M, Zadeh-Esmael MM, RezaeiTavirani S, Akbari Z, **Esmaeili S**, Okhovatian F “Assessment of cytokine-mediated signaling pathway dysregulation in arm skin after CO<sub>2</sub> laser therapy” Journal of Lasers in Medical Sciences, 2019, 10(4), 257-263.
  37. Yazdanpanah S, **Esmaeili S**, Bashash D, Dehghan Nayeri N, Esfani Farahani M, Gharehbaghian A “Cytotoxic and apoptogenic activity of *Bryonia aspera* extract on pre-B acute lymphoblastic leukemia cell lines” International Journal of Hematology-Oncology and Stem Cell Research, 2018, 12(3).
  38. Bahmani F, **Esmaeili S**, Dehghan-Nayeri N, Gharehbaghian A “*Centaurea albonitens* extract enhances the therapeutic effects of vincristine in leukemic cells by inducing apoptosis” Biomedicine & Pharmacotherapy, 2018, 99, 598-607.
  39. Dehdari S, Hajimehdipoor H, **Esmaeili S**, Choopani R, Mortazavi A “Traditional and modern aspects of hemorrhoid treatment in Iran: a review” Journal of Integrative Medicine, 2018, 90-98.
  40. Mosaddegh M, Irani M, **Esmaeili S** “Inhibition test of heme detoxification (ITHD) as an approach for detecting antimalarial agents in medicinal plants” RJP, 2018, 5(1), 5-11.
  41. Esfani-Farahani M, Farshdousti-Hagh M, Bashash D, **Esmaeili S**, Dehghan- Nayeri N, Yazdanpanah S, Gharehbaghian A “ Analysis of cytotoxic activity and synergistic effect of *Curcuma longa* extract in combination with prednisolone on acute lymphoblastic leukemia cell lines” Iranian Journal of Cancer Prevention, 2017, 10(11) e14174.
  42. Dehdari S, Hajimehdipoor H, **Esmaeili S**, Choopani R “Scientific evaluation of the prescribed herbs by avicenna for the management of post hemorrhoidectomy complications” GMJ, 2017, 6(3), 166-84.
  43. Abdolahadi A, Nazeri astaneh A, **Esmaeili S**, Amiri Z, Movahhed M “Effect of *Nepeta menthoides* on cognitive disorders in Alzheimer’s disease: a clinical trial” European Online Journal of Natural and Social Sciences, 2017, 6(2), 228-237.
  44. Darvishi M, **Esmaeili S**, Dehghan-Nayeri N, Mashati P, Gharehbaghian A “Anticancer effect and enhancement of therapeutic potential of Vincristine by extract from aerial parts of *Juniperus excelsa* on pre-B acute lymphoblastic leukemia cell lines” Journal of Applied Biomedicine, 2017, 15(3), 219-226.
  45. Abdolahadi A, Movahhed M, **Esmaeili S**, Nazeri astaneh A “Nootropic plants in Iranian traditional medicine; an overview” IJBR, 2016, 7(4), 456-471.

46. Hajimehdipoor H, Ara L, Moazzeni H, **Esmaeili S** “Evaluating the antioxidant and acetylcholinesterase inhibitory activities of some plants from Kohgiluyeh va Boyerahmad province, Iran” RJP, 2016, 3(4), 1-7.
47. Yavari M, Rouholamin S, Tansaz M, **Esmaeili S**. “Herbal treatment of oligomenorrhea with *Sesamum indicum* L. : a randomized controlled trial” GMJ, 2016, 5(3), 114-121.
48. Jedkareh A, **Esmaeili S**, Alembagheri A, Mortazavi A. “Comparing the ethiology and treatment of skin fissure in traditional and conventional medicine; a brief review” RJP, 2016, 3(1), 49-54.
49. **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” RJP, 2016, 3(1), 43-47.
50. Mosaddegh M, **Esmaeili S**, Hassanpour A, Malekmohammadi M, Naghibi F. “Ethnobotanical study in the highland of Alvand and Tuyserkhan, Iran” RJP, 2016, 3(1), 7-17.
51. Naghibi F, Ghaffari S, **Esmaeili S**, Jenett-Siems K. “Naghibione; A novel sesquiterpenoid with antiplasmodial effect from *Dorema hyrcanum* koso-pol. root, a plant used in traditional medicine” IJPR, 2015, 14(3), 961-8.
52. **Esmaeili S**, Ara L, Hajimehdipoor H, Kolivand H, Mohammadi Motamed S “Acetylcholinesterase inhibitory effects of some plants from Rosaceae” RJP, 2015, 2(4), 33-37.
53. **Esmaeili S**, Ghiaee A, Naghibi F, Mosaddegh M. “Antiplasmodial activity and cytotoxicity of plants used in traditional medicine of Iran for the treatment of fever” IJPR, 2015, 14, 103-107.
54. Mosaddegh M, **Esmaeili S**, Eslami-Tehrani B, Kermatian B, Mohebbi S, HamzelooMoghadam M “Anti-angiogenesis properties of *Crocus pallasii* subsp. haussknechtii, a popular ethnic food” RJP, 2015, 2(3), 37-42.
55. Ghafari S, Naghibi F, **Esmaeili S**, Sahranavard S, Mossadegh M, “Investigating the cytotoxic effects of some medicinal plants from northern parts of Iran” RJP, 2015, 2(2), 47-51.
56. Ghiaee A, Naghibi F, **Esmaeili S**, Mosaddegh M. “Herbal remedies connected to malaria like fever in Iranian ancient medicinal books- brief review article” Iranian J Parasitol, 2014, 9(4), 553-9.
57. **Esmaeili S**, Hamzeloo-Moghadam M, Ghaffari S, Mosaddegh M “Cytotoxic activity screening of some medicinal plants from south of Iran” RJP, 2014,1(4), 19-25.
58. Hamzeloo-Moghadam M, Eslami Tehrani B, Pirani A, Hassanpour A, **Esmaeili S** “ A survey about prophage induction ability in *Escherichia coli* K-12( $\lambda$ ) by ethnic medicinal plants of kohgiluyeh va boyerahmad, Iran” RJP,1(4), 7-10.
59. Yavari M, Rouholamin S, Tansaz M, Bioos S, **Esmaeili S**. "Sesame a treatment of menstrual bleeding cessation in Iranian traditional medicine: results from a pilot study” Shiraz E-Med J,2014,15(3),e21893.
60. 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” RJP, 2014, 1(3), 41-45.
61. Naghibi F, **Esmaeili S**, Melekmohammadi M, Hassanpour A, Mosaddegh M “ Ethnobotanical survey of medicinal plants used traditionally in two villages of Hamedan, Iran” RJP, 2014, 1(3), 7-14.
62. Mosaddegh M, Gharanjik BM, Naghibi F, **Esmaeili S**, Pirani A, Eslami Tehrani B, Keramatian B, Hassanpour A “ A survey of cytotoxic effects of some marine algae in the Chabahar coast of Oman sea” RJP, 2014 ,1, 27-31.
63. Shamsi-Baghdanan H, Sharifian A, **Esmaeili S**, Minaei B. “Hepatoprotective herbs, Avicenna viewpoint” Iran Red Cress Med J, 2014, 16(1), 1-6.

64. Younesy S, Amiraliakbari S, **Esmaeili S**, Alavimajd H, Nouraei S“ Effects of fenugreek seed on the severity and systemic symptoms of dysmenorrhea” J. Reprod Infertil,2014, 15(1), 41-48.
65. Ghafari S, **Esmaeili S**, Naghibi F, Mosaddegh M “Plants used to treat “tabe rebá” (malaria like fever) in Iranian traditional medicine” International Journal of Traditional and Herbal Medicine, 2013,1(6), 168-176.
66. Naghibi F, **Esmaeili S**, Abdullah NR, Nateghpour M, Taghvai M, Kamkar S, Mosaddegh M“In vitro and in vivo antimalarial evaluations of myrtle extract, a plant traditionally used for treatment of parasitic disorders” Biomed Research International, 2013, 2673.
67. Hamzeloo-Moghadam M, **Esmaeili S**, Fotoohi F, Naghibi F, Pirani A, Hajimehdipoor H“ In vitro evaluation for cytotoxic activity of three *Ferula* species” International Journal of Pharmaceutical Science and Research, 2013, 4(7), 2673-2676.
68. Hajimehdipoor H, **Esmaeili S**, Shekarchi M, Emrarian T, Naghibi F“Investigation of some biologic activities of *Swertia longifolia* Boiss.” Research in Pharmaceutical Sciences, 2013, 8(4), 253-259.
69. Sarahroodi S, **Esmaeili S**, Mikaili P, Hemmati Z, Saberi Y“The effects of green *Ocimum basilicum* hydroalcoholic extract on retention and retrieval of memory in mice” Ancient Sci Life, 2012, 31, 185-9.
70. Hajimehdipoor H, **Esmaeili S**, Ramezani R, Jafari Anaraki M, Mosaddegh M. “The cytotoxic effects of *Ferula persica* var. *persica* and *Ferula hezarlalehzarica* against HepG2, A549, HT29, MCF7 and MDBK cell lines” Iranian Journal of Pharmaceutical Sciences,2012,8(2), 115-119.
71. Mosaddegh M, **Esmaeili S**, Naghibi F, Hamzeloo Moghadam M, Haeri A, Pirani A, Moazzeni H“Ethnomedical survey and cytotoxic activity of medicinal plant extracts used in Kohgiluyeh and Boyer Ahmad province in Iran” Journal of Herbs, Spices & Medicinal Plants, 2012, 18(3), 211-221.
72. Mosaddegh M, Naghibi F, Moazzeni H, Pirani A, **Esmaeili S**“Ethnobotanical survey of herbal remedies traditionally used in Kohghiluyeh va Boyer Ahmad province of Iran” Journal of Ethnopharmacology, 2012, 141, 80-95.
73. Ghafari S, **Esmaeili S**, Naghibi F, Mossadegh M “HPLC determination of parthenolide and apigenin contents versus label claims in Iranian products” Journal of Pharmaceutical Research and Health Care(JPRHC), 2010, 2(3), 270-272.
74. Sahranavard S, Naghibi F, Mosaddegh M, **Esmaili S**, Sarkhail P, Taghvai M, Ghafari S“Cytotoxic activities of selected medicinal plants from Iran and phytochemical evaluation of the most potent extract” Research in Pharmaceutical Sciences, 2009, 4(2), 133-137.
75. **Esmaeili S**, Naghibi F, Mosaddegh M, Sahranavard S, Ghafari, S, Abdollah NR "Screening of antiplasmodial properties traditionally used among some Iranian plants" Journal of ethnopharmacology, 2009,121, 400-404.
76. Ghafari S, **Esmaeili S**, Aref H, Naghibi F, Mosaddegh M“Qualitative and quantitative analysis of some brands of valerian pharmaceutical products” Studies on ethnomedicine, 2009, 3(1), 61-64.
77. **Esmaeili S**, Naghibi F, Mosaddegh M"Post marketing surveillance of two St. John's wort and four liquorice products in Iran's market" Research in Pharmaceutical Sciences, 2007, 2(1), 17-21.
78. Naghibi F, Bahmani B, **Esmaeili S**, Nader N, Farnia F, Mosaddegh M“Isolation, purification and determination of apigenin in *Matricaria chamomilla* extract by chromatographic methods” Chemistry an Indian Journal, 2006, 3(8), 221-227.
79. **Esmaeili S**, Naghibi F, Mosaddegh M, Nader N, “Determination of 18 beta glycyrrhetic acid in *Glycyrrhiza glabra* L. extract by HPLC” Iranian Journal of Pharmaceutical Research, 2006 ,5(2), 137-141.

80. Nader N, **Esmaeili S**, Naghibi F, Mosaddegh M “HPTLC determination of apigenin in some Iranian liquid products of *Matricaria chamomilla* L” Journal of Planar Chromatography, 2006, (19), 383-385.

81.

### Books

1. Ghorbani A, **Esmaeili S**, Bussmann RW, Batsatsashvili K, Kikvidze Z, Paniagua-Zambrana NY. *Centaurea behen* L. Asteraceae. In: Batsatsashvili K, Kikvidze Z, Bussmann RW, Eds. Ethnobotany of the mountain regions of far eastern europe, Springer, Switzerland, 2019.
2. Mosaddegh M, Naghibi F, Honary S, **Esmaeili S**. Farsi Translation of “Quality Control Methods of Medicinal Plant Materials” Translation and Publication right granted by WHO, Geneva, 2006.

### Abstracts

1. Ghorbani A, **Esmaeili S**, Mosaddegh M, de Boer H “Molecular authentication of Radix Behen Albi (Bahman Sefid) commercial products reveals widespread adulteration” 8<sup>th</sup> International Barcode of Life Conference, Norway (June 2019)
2. Fayyazi N, Saghaei L, Fassihi A, Ghasemi J, **Esmaeili S**, Taheri S “Pharmacophore modeling, synthesis, scaffold hopping and biological  $\beta$ -hematin inhibition interaction studies as antimalarial compounds : An approach for multi target anticancer drug design” 9<sup>th</sup> European chemistry congress, Berlin, Germany (June 2019)
3. **Esmaeili S**, Naderi F, Hamzeloo Moghadam M, Mohammadi Motamed S “*Rhazya stricta* cytotoxic properties” 15<sup>th</sup> Iranian Congress of Toxicolog, Tehran, Iran (November 2019)
4. Mosaddegh M , Hamzeloo Moghadam M , **Esmaili S** , Izadi N “The cytotoxic effect of *Eryngium billardieri* on breast cancer cells in comparison with normal cells” 15<sup>th</sup> Iranian Congress of Toxicolog, Tehran, Iran (November 2019)
5. Hamzeloo Moghadam M, Asadi M, **Esmaeili S**, Mosaddegh M, Mohamaddi Motamed S “Cytotoxic effects of *Centaurea albonites* in AGO-1522, HT-29, A-549 and MCF-7 cell lines” 15<sup>th</sup> Iranian Congress of Toxicolog, Tehran, Iran (November 2019)
6. Keramatian B, **Esmaeili S**, Fahimi S, Hajimehdipoor H, Eslami Tehrani B “Quality control of “Ustukhuddus” prepared from herbal markets in Iran (phase II)” 7<sup>th</sup> national congress on medicinal plants, Shiraz, Iran (May 2018)
7. Salimi A, **Esmaeili S**, Hamzeloo Moghadam 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” 7<sup>th</sup> national congress on medicinal plants, Shiraz, Iran (May 2018)
8. Irani M, **Esmaeili S**, Mosaddegh M “Investigation of Heme Polymerization Inhibition of *Phlomis caucasica* Rech.f. as an Antimalarial Agent” Iranian Journal of Pharmaceutical Sciences, 15th IPSC Proceeding, Hamadan, Iran, 2017:13(3)
9. Keramatian B, Abdolahadi A, Mottaghi N, **Esmaeili S**, Hajimehdipoor H “Quality Control of “Ustukhuddus” Prepared from Herbal Markets in Iran (Phase 1)” Iranian Journal of Pharmaceutical Sciences, 15th IPSC Proceeding, Hamadan, Iran, 2017:13(3)
10. Dehdari S, Hajimehdipoor H, **Esmaeili S**, Choopani R, Mortazavi A “An herbal formulation for hemorrhoids treatment” First Iranian Pharmacognosy Congress, Tehran, Iran (Nov 2017)
11. Dehdari S, Hajimehdipoor H, **Esmaeili S**, Choopani R, Mortazavi A “Anti-hemorrhoidal plants in Iranian traditional medicine “ First Iranian Pharmacognosy Congress, Tehran, Iran (Nov 2017)

12. Salimi A, **Esmaeili S**, Hamzeloo-Moghadam M, Irani M, Mohammadi Motamed S, “Antimalarial assessment of *Viola odorata* L. by heme polymerization inhibition method” First Iranian Pharmacognosy Congress, Tehran, Iran (Nov 2017)
13. Irani M, Shahrestani R, Bahmani B, **Esmaeili S**, Nader N “Cytotoxic activity of plants from East Azarbaijan province, Iran” First Iranian Pharmacognosy Congress, Tehran, Iran (Nov 2017) Research Journal of Pharmacognosy (RJP) 4(Supplement), 2017:1
14. **Esmaeili S**, Irani M, Hamzeloo-Moghadam M, Hajimehdipoor H, Mosaddegh M, “Heme polymerization inhibition of some plants from Lamiaceae family” 16<sup>th</sup> annual medicinal & pharmaceutical sciences congress, Seoul, South Korea (Oct 2017)
15. Hamzeloo-Moghadam M, Mosaddegh M, Eslami Tehrani B, Hajimehdipoor H, **Esmaeili S** “Cytotoxic activity of *Acanthophyllum bracteatum* and *A. microcephalum* in a human breast cancer cell line” 16<sup>th</sup> annual medicinal & pharmaceutical sciences congress, Seoul, South Korea (Oct 2017)
16. Hajimehdipoor H, Hamzeloo-Moghadam M, Moein E, Toliyat T, Choopani R, **Esmaeili S** “Formulation of a poly herbal according to traditional medicine” 16<sup>th</sup> annual medicinal & pharmaceutical sciences congress, Seoul, South Korea (Oct 2017)
17. Salimi A, **Esmaeili S**, Hamzeloo Moghadam M, Irani M, Mohammadi Motamed S. “Antimalarial assessment of *Fumaria parviflora* Lim, *Cichorium intybus* L. and *Viola odorata* L. used in Iranian traditional medicine for the treatment of fever by heme polymerization inhibition method” 6<sup>th</sup> national congress on medicinal plants, Tehran, Iran (May 2017)
18. Irani M, **Esmaeili S**, Naghibi F, Mosaddegh M “A Study of the mechanism of antimalarial action of *Buxus hyrcana* by inhibition test of heme detoxification” 16<sup>th</sup> International Congress on Ethnopharmacology, Yulin – China (May 2016)
19. Irani M, **Esmaeili S**, Pirani A, Naghibi F, Mosaddegh M “ Evaluation of antiplasmodial activity of some plants ethnopharmacologically used to treat malaria in Iran” The first international congress of complementary and alternative medicine, Mashhad, Iran (Oct 2015)
20. Yavari M, Rouholamin S, Tansaz M, Bioos S, Esmaeili S “ Effects of Sesame seed on menstrual bleeding cessation ” 4<sup>th</sup> national congress on medicinal plants, Tehran, Iran (May 2015)
21. Naghibi F, Irani M, Ghiaee A, Ghafari S, **Esmaeili S**, Mosaddegh M “ Inhibition test of heme detoxification (ITHD) as an approach for detecting antimalarial compounds” 4<sup>th</sup> national congress on medicinal plants, Tehran, Iran (May 2015)
22. Ghafari S, Sahranavard S, **Esmaeili S** “Plants used for lithotripsy in traditional medicine” 4<sup>th</sup> international meeting on pharmacy & pharmaceutical sciences, Istanbul. Turkey (Sep 2014)
23. **Esmaeili S**, Naghibi F, Irani M, Mosaddegh M “ $\beta$ -hematin inhibitory activity: as a prescreening method for antiplasmodial activity” 13<sup>th</sup> congress of the international society for ethnopharmacology, Graz. Austria (Sep 2012)
24. Naghibi F, **Esmaeili S**, Pirani A, Tavakoli Z , Mosaddegh M “Ethnobotanical survey of antimalarial plants in four provinces of Iran and antiplasmodial activities of selected one” 13<sup>th</sup> congress of the international society for ethnopharmacology, Graz. Austria (Sep 2012)
25. **Esmaeili S**, Ghiaee A, Naghibi F, Mosaddegh M “ Malaria and herbal remedies in traditional medicine of Iran” 13<sup>th</sup> congress of the international society for ethnopharmacology, Graz. Austria (Sep 2012)
26. Ghafari S, **Esmaeili S**, Naghibi F, Mosaddegh M “ Plants used to treat malaria in Iranian traditional medicine” 13<sup>th</sup> congress of the international society for ethnopharmacology, Graz. Austria (Sep 2012)



27. Hajimehdipoor H, **Esmaeili S**, Naghibi F, Ghiaee A “Investigation of anti-malarial activity of *Swertia longifolia* in mice” 13<sup>th</sup> congress of the international society for ethnopharmacology, Graz. Austria (Sep 2012)
28. Mosaddegh M, **Esmaeili S**, Pirani A, Sahranavard S, Naghibi F “Cytotoxic activity of some plants from family Caryophyllaceae” 13<sup>th</sup> congress of the international society for ethnopharmacology, Graz. Austria (Sep 2012)
29. Mosaddegh M, Naghibi F, Gharanjik B M, **Esmaeili S**, Hamzeloo Moghadam M “The study of the marines of Chabahar harbor in Oman sea, southern of Iran” 13<sup>th</sup> congress of the international society for ethnopharmacology, Graz. Austria (Sep 2012)
30. Mosaddegh M, **Esmaeili S**, Hamzeloo Moghadam M, Alembagheri A “In vitro cytotoxic assay of giant fennel fractions” Research in Pharmaceutical Sciences, 7(5) 113 (2012)
31. Hamzeloo Moghadam M, Fotoohi F, Hajimehdipoor H, **Esmaeili S**, Naghibi F “Ferric reducing property of three species of *Ferula*(Apiaceae) from Iran” Research in Pharmaceutical Sciences, 7(5) 794 (2012)
32. Mosaddegh M, **Esmaeili S**, Hamzeloo Moghadam M, Alembagheri A “Investigation on cytotoxic effect of selected plants from Iranian traditional medicine” Iranian Journal of Pharmaceutical Research, 11(2) 46 (2012)
33. Mosaddegh M, **Esmaeili S**, Hamzeloo Moghadam M, Taran M “In vitro cytotoxicity effect of *Hypericum perforatum*” Iranian Journal of Pharmaceutical Research, 11(2) 368 (2012)
34. Sarahroodi S, **Esmaeili S**, Hemmati Z, Saberi Y “Effect of hydroalcoholic extract of *Ocimum basilicum* on retention and retrieval of memory in mice” 1<sup>st</sup> IBRO middle east neuroscience conference, Al Ain. UAE (Feb 2011)
35. Ghasemi S, Khosravi Darani K, Haji Seyed Javadi N, Moradi M, Oromiehie A, **Esmaeili S** “Investigation on development of zein antimicrobial edible film and essential oil of *Zataria multiflora* Boiss. on *Sallmonella enteritidis*, *Listeria monocytogenes*, *Escherichia coli* and *Staphylococcus aureus*” Planta Medica, (77) 1299-1300 (2011).
36. Ghasemi S, Haji Seyed Javadi N, **Esmaeili S**, Sahba N, Khosravi, Darani K “Minimum Inhibitory Concentration (MIC) of *Zataria multiflora* Boiss’. Essential oil on *Sallmonella enteritidis*, *Listeria monocytogenes*, *Escherichia coli* 0157: H7 and *Staphylococcus aureus*” 2<sup>nd</sup> International Congress of Food Hygiene, Tehran و Iran ( April 30 – May 1. 2011)
37. **Esmaili S**, Naghibi F, Mosaddegh M “Indigenous knowledge of traditionally used plants from Iran for fever/malaria treatment”. Planta medica, (76) 1322-1374 (2010).
38. Naghibi F, Mosaddegh M, **Esmaili S**, “Treatment of malaria in Iranian traditional medicine”. Planta Medica. (76) 1312 (2010).
39. Ghafari S, **Esmaeili S**, Naghibi F, Mossadegh M “HPLC Determination of Parthenolide and Apigenin Contents Versus Label Claims in Iranian Products” JPRHC Journal of Pharmaceutical Research and Health Care, 2 (3), 270-272 (July 2010).
40. Ghafari S, Naghibi F, **Esmaeili S**, Pirani A, Mossadegh M “Study on Cytotoxic Effects of Some Medicinal Plants from Northern Provinces of Iran” 12<sup>th</sup> Iranian pharmaceutical Sciences Congress, Zanjan. Iran (Aug 2010).
41. Hajimehdipoor H, **Esmaeili S**, Naghibi F, Mossadegh M, Shahrestani R “Radical Scavenging Activity of *Swertia Longifolia* Extract” 12<sup>th</sup> Iranian pharmaceutical Sciences Congress, Zanjan. Iran (Aug 2010).
42. Sahranavard S, Naghibi F, Mosaddegh M, **Esmaili S** , Sarkhail P , Taghvaei M, Ghafari S “Cytotoxic activities of selected medicinal plants from Iran and

- phytochemical evaluation of the most potent extract” Research in Pharmaceutical Sciences, 4(2), 133-137 (2009).
43. Mosaddegh M, Ghafari S, Davari E, **Esmaeili S**, Sahranavard S, Naghibi F “Investigation of cytotoxic effect of some Iranian medicinal plants” International Congress of Traditional and Complementary Medicine, Sari, Iran (Oct 2008).
  44. Naghibi F, **Esmaeili S**, Mosaddegh M, Taghvaei M “Is interaction with DNA related to antiplasmodial effect?” International Congress of Traditional and Complementary Medicine, Sari, Iran (Oct 2008).
  45. **Esmaeili S**, Naghibi F, Nateghpour M, Mosaddegh M, Taghvaei M, “In vivo antimalarial activity of some medicinal plants from Iran” 11<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC), Kerman. Iran (Aug 2008).
  46. **Esmaeili S**, Naghibi F, Abdullah NR, Mossaddegh M, Chomel R, Muhamad R “Antimalarial activity of some medicinal plants from Iran” 3<sup>rd</sup> International Congress on Traditional Medicine and Materia Medica , Kuala Lumpur. Malaysia (Jul 2007).
  47. Bahmani B, Naghibi F, **Esmaeili S**, Nader N, Mosaddegh M “Purification of Apigenin by preparative TLC” 3<sup>rd</sup> International Congress on Traditional Medicine and Materia Medica , Kuala Lumpur. Malaysia (Jul 2007).
  48. Ghafari S, **Esmaeili S**, Naghibi F, Mosaddegh M “Qualitative and quantitative analysis some brands of valerian pharmaceutical products” 3<sup>rd</sup> International Congress on Traditional Medicine and Materia Medica, Kuala Lumpur. Malaysia (Jul 2007).
  49. Nader N, **Esmaeili S**, Naghibi F, Mosaddegh M “Quantitative analysis of 18  $\beta$  Glycyrrhithinic acid in *Glycyrrhiza glabra* extract by HPLC” 3<sup>rd</sup> International Congress on Traditional Medicine and Materia Medica , Kuala Lumpur. Malaysia (Jul 2007).
  50. **Esmaeili S**, Naghibi F, Ghafari S, Mosaddegh M “Comparison of some brands of valerian pharmaceutical products” 10<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC), Tehran. Iran (Aug 2006).
  51. **Esmaeili S**, Ghafari S, Naghibi F, Mosaddegh M “Quantitative analysis of feverfew and chamomile active components in Iranian products by HPLC” 10<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC), Tehran. Iran (Aug 2006).
  52. Ghafari S, **Esmaeili S**, Naghibi F, Nader N, Mosaddegh M “Simultaneously determination of chlorogenic acid and caffeic acid in *Echinacea* extract by HPLC” 10<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC), Tehran. Iran (Aug 2006).
  53. Naghibi F, Bahmani B, **Esmaeili S**, Nader N, Farnia F, Mosaddegh M “Isolation, purification and determination of apigenin in *Matricaria chamomilla*” 10<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC), Tehran. Iran (Aug 2006).
  54. Nader N, **Esmaeili S**, Naghibi F, Mosaddegh M “A High Performance Thin-Layer Chromatography (HPTLC) method for quantitative analysis of apigenin in *Matricaria chamomilla* products” 10<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC), Tehran. Iran (Aug 2006).
  55. **Esmaeili S**, Naghibi F, Nader N, Mosaddegh M “A High Performance Liquid Chromatography (HPLC) method for quantitative analysis of 18 $\beta$ -glycyrrhithinic acid in *Glycyrrhiza glabra* extract” 10<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC), Tehran. Iran (Aug 2006).
  56. Honary S, Ghafari S, **Esmaeili S**, Naghibi F, Mosaddegh M “Estimation of expire date of a feverfew capsule formulated in Iran” 10<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC), Tehran. Iran (Aug 2006).
  57. Mosaddegh M , Naghibi F, **Esmaeili S** “ TMRC research program on biological effects of medicinal plants of Iran” 41<sup>st</sup> annual scientific seminar of the malaysian society of parasitology and tropical medicine,( March 2005).

58. Mosaddegh M , **Esmaeili S**, Naghibi F“Post Marketing Survey of Herbal Drugs” 26<sup>th</sup> annual conference of the academy of pharmaceutical sciences of the South Africa, innovations in pharmaceutical sciences, (29 Sept – 2 Oct 2005).
59. **Esmaeili S**, Abdollahi P, Mahmoodpour H, Naghibi F” Identification of hypericin in *Hypericum perforatum*'s products in Iran's market”. IJPR, October supplement2, 2004.
60. Mosaddegh M, Naghibi F, Abbasi P R, **Esmaeili S**, “ The Effect of Liquorice Extract on Serum Testosterone level in Healthy Male Volunteers” J. of Pharmacy and Pharmacology, Vol.55, suppl, 87(Sep.2003)