

Masoud Modarresi

Pharm D., Ph.D. of Pharmacognosy

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Profile

Dr. Masoud Modarresi is an associate professor of Pharmacognosy Department of Pharmacognosy and Pharmaceutical Biotechnology Kermanshah University of Medical Sciences where he has started her career as an assistant professor in 2004. His research areas are phytotherapy, phytochemistry, spectroscopic analysis of natural products and *in vitro* & *in vivo* studies on the effects of natural compounds and natural products. He has over 40 papers, numerous abstracts, and 636 citations. He has received honors such as distinguished reviewer in the Journal of Kermanshah University of Medical Sciences (2014), and distinguished researcher in Kermanshah University of Medical Sciences (2013). He has supervised and adviser more than 40 theses and has the fifteen-year experience of teaching in pharmacy in different topics.

Educations

- 1990-1999 Professional doctorate of Pharmacy. Mashhad University of Medical Sciences.
- Title of Thesis: Detection of C-reactive protein in human serum by lipid agglutination method and compare it with lipid agglutination method
- 1999-2007 Ph.D of Pharmacognosy. Tabriz University of Medical Sciences.
- Title of Thesis: The study of chemical compounds of some species of the genus *Eremostachys* growing in Iran

Teaching Experience

- 2007-curent Teaching in the professional doctorate of pharmacy course in Kermanshah University of Medical Sciences.
- Pharmacognosy I
 - Pharmacognosy II
 - Pharmacognosy, lab.
 - Medicinal Plants
 - Medicinal Plants, Lab.
- 2018-curent Teaching in Ph.D of pharmacognosy course in Kermanshah University of Medical Sciences.
- Advance Plant Biochemistry
 - Physicochemical control of herbal drugs and medicinal plants
 - Extraction, isolation and identification of natural compounds
 - Phytotherapy and herbal medicine information
 - Instrumental analysis
 - Instrumental analysis, lab.

Administrated Position

- 2016-2019 Member of evaluation committee of education development center of medical sciences (EDC) in Kermanshah University of Medical Sciences.
- 2011-2012 Manager of Educational-Pharmacy of Shahid Chamran Kangavar Hospital-Kermanshah.
- 2010-2012 Vice-chancellor for the education of Pharmacy faculty of Kermanshah University of Medical Sciences.
- 2010-2012 Head of Department of Pharmacognosy & Pharmaceutical Biotechnology Kermanshah University of Medical Sciences.
- 2009-2011 Member of education development center of medical sciences (EDC) in Kermanshah University of Medical Sciences.

Current Research

- Isolation and structure elucidation of natural compounds from medicinal plants
- *In vitro* & *in vivo* studies on the effects of natural compounds and natural products
- Analysis of Innovative natural medicinal products
- Evaluation of the clinical effects of medicinal plants and herbal drugs

Future Research Interests

- Cilinical trials

Qualifications

- Experience in Phytochemistry
- Experience in Phytotherapy
- HPLC
- Familiar with Office (Word, PowerPoint, Excel), Photoshop, End Note
- Experience in Satical software such as, SPSS

Honors and Awards

- 2nd best student, Faculty of Pharmacy, Kerman University of Medical Sciences, 1990
- Distinguished researcher in Kermanshah University of Medical Sciences, 2013
- Distinguished reviewer in Journal of Kermanshah University of Medical Sciences, 2014

Publications

- **Modarresi M**, Harfbol MR, Eshraghi A, Ahmadi F. Development of ternary H-point standard addition method for simultaneous analysis of curcuminoids by differential pulse voltammetry. *Food Research International*. 2022;161: 111802.
- Najafi-Kakavand S, Karimi N, Ghasempour HR, Raza A, Chaichi M, **Modarresi M**. Role of Jasmonic and Salicylic Acid on Enzymatic Changes in the Root of Two *Alyssum inflatum* Náyr. Populations Exposed to Nickel Toxicity. *Journal of Plant Growth Regulation*. 2022. <https://doi.org/10.1007/s00344-022-10648-8>.
- Omidian N, Mohamadi Yarijani Z, **Modarresi M**, Godini A, Najafi H. Anti-inflammatory and antioxidative properties of date pollen in the gentamicin-induced renal toxicity. *Physiology and Pharmacology*. 2022; 26: 145-157.
- Soheilikhah Z, Karimi N, **Modarresi M**, Salehi-Lisar Sy, Movafeghi A. Antioxidant defense and secondary metabolites concentration in hyssop (*Hyssopus officinalis* L.) plants as affected by salt stress. *Acta Agriculturae Slovenica*. 2021;117(2): 1-12.
- Soheilikhah Z, **Modarresi M**, Karimi N, Movafeghi A. Qualitative and quantitative analysis of diosmin content of hyssop (*Hyssopus officinalis*) in response to salinity stress. *Heliyon*. 2021;7(10): e08228.
- **Modarresi M**, Chahardoli A, Karimi N, Chahardoli S. Variations of glaucine, quercetin and kaempferol contents in *Nigella arvensis* against Al₂O₃, NiO, and TiO₂ nanoparticles. *Heliyon*. 2021;6(6):e04265.
- **Modarresi M**, Mohammadi-Farani A, Amirshahrokhi K, Beheshtizadeh R. Anxiolytic and antidepressant effects of aqueous extract of *Stachys lavandulifolia* Vahl. in mice. *Journal of Reports in Pharmaceutical Sciences*. 2020 Jan 1;9(1): 31-40.
- **Modarresi M**, Hajialyani M, Moasefi N, Ahmadi F, Hosseinzadeh L. Evaluation of the cytotoxic and apoptogenic effects of glabridin and its effect on cytotoxicity and apoptosis induced by doxorubicin toward cancerous cells. *Advanced Pharmaceutical Bulletin*. 2019;9(3): 481-489.
- Fallahi M, Karimpour H, AminiSaman J, Mohammadi S, Sharifi A, Jahanbakhsh A, **Modarresi M**, Mirzaei M, Kawyannejad R. Effect of *Eucalyptus incense* on prevention of early and late ventilator-associated pneumonia: A randomized controlled double-blinded clinical trial. *Journal of Mazandaran University of Medical Science*, 2019; 28(170): 64-73.
- Nowrouzi F, Azadbakht M, Kalehoei E, **Modarresi M**. Protective effect of *Rosa canina* extract against doxorubicin-induced testicular toxicity in mice. *Brazilian Archives of Biology and Technology*, 2019; 62: e19180017.
- Yarijani ZM, Najafi H, Shackebaei D, Madani SH, **Modarresi M**, Jassemi SV. Amelioration of renal and hepatic function, oxidative stress, inflammation and histopathologic damages by *Malva sylvestris* extract in gentamicin induced renal toxicity. *Biomedicine and Pharmacotherapy*, 2019; 112: 108635.

- Cheraghbeigi N, **Modarresi M**, Rezaei M, Khatony A. Comparing the effects of massage and aromatherapy massage with lavender oil on sleep quality of cardiac patients: A randomized controlled trial. *Complementary Therapies in Clinical Practice*, 2019; 35: 253-258.
- Mikaeili A, Karimi I, **Modarresi M**, Shahbazi A, Jalilian N. Antimycotic activity of aqueous extract of *Tamarix ramosissima ledebbarkon* in vitro and in vivo guinea pig model of derma tophytosis. *International Journal of Life science and Pharma Research*, 2018; 8(2): 8-15.
- **Modarresi M**, Manoochehri Y, Ahmadi F, Hosseinzadeh L. Protective effects of glabridin against cytotoxicity and oxidative stress induced by doxorubicin in PC12 cells. *Journal of Reports in Pharmaceutical Sciences*, 2017; 6(1): 1-12.
- Najafi H, Mohamadi Yarijani Z, Changizi-Ashtiyani S, Mansouri K, **Modarresi M**, Madani SH, Bastani B. Protective effect of *Malva sylvestris* L. extract in ischemia-reperfusion induced acute kidney and remote liver injury. *PLoS ONE*, 2017; 12(11): e0188270.
- **Modaresi M**, HarfBol MR, Ahmadi F. A review on pharmacological effects and therapeutic properties of curcumin. *Journal of Medicinal Plants*, 2017; 16(62): 1-17.
- Shahbazi Y, Shavisi N, **Modarresi M**, Karami N. Chemical composition, antibacterial and antioxidant activities of essential oils from the aerial parts of *Ferulago angulata* (Schlecht.) Boiss and *Ferulago bernardii* Tomk. & M. pimen from different parts of Iran. *Journal of Essential Oil-Bearing Plants*, 2016; 19(7): 1627-1638.
- Mikaeili A, **Modarresi M**, Maleki M. Anti-candida effects of clotrimazole and fluconazole against isolated *C. albicans* from patinetso candidiasis admitted in medical mycology lab of special clinic of Kermanshah university of medical sciences, 2014. *Biomedical and Pharmacology Journal*, 2015; 8(2): 931-935.

- Mikaeili A, **Modarresi M**, Mozafari K. Investigation of antifungal effect of *Ephedra major* against *Microsporum gypseum*. Scientific journal Kurdistan University of Medical Sciences, 2015; 20(3): 33-44.
- **Modarresi M**, Hosseinzadeh L, Nematy N, Siavash-Haghighi ZM, Ghanbari KA. Acute and subchronic toxicological evaluation of *Stachys lavandulifolia* aqueous extract in Wistar rats. Research in Pharmaceutical Sciences, 2014; 9(3): 165-172.
- Karimi I, **Modarresi M**, Cheshmekabodi F, Miraghaee SS. The effects of aromatic water of *Salix aegyptiaca* L. and its major component, 1,4-Dimethoxybenzene, on lipid and lipoprotein profiles and ethology of normolipidemic rabbits. International Journal of Clinical Toxicology, 2014; 2(2): 55-63.
- Mikaeli A, Karimi I, **Modarresi M**, Bagherinasab Z. Assessment of antidermatophytic activities of *Urtica dioica* L. against *Microsporum canis* in a guinea pig model. Tropical Journal of Pharmaceutical Research, 2013; 12(6): 997-1002.
- **Modarresi M**, Shahsavari R, Ismail Ahmadi F, Rahimi-Nasrabadi M, Abiri R, Mikaeli A, Batoli H. The evaluation of antibacterial, antifungal and antioxidant activity of methanolic extract of *Mindium laevigatum* (Vent.) Rech. f., from central part of Iran. Jundishapur Journal of Natural Pharmaceutical Products, 2013; 8(1): 34-40.
- Jalilian N, **Modarresi M**, Rezaie M, Ghaderi L, Bozorgmanesh M. Phytotherapeutic management of polycystic ovary syndrome: Role of aerial parts of wood betony (*Stachys lavandulifolia*). Phytotherapy Research, 2013; 27(11): 1708-1713.
- Delazar A, Sarker SD, Nahar L, Barzegar Jalali S, **Modarresi M**, Hamedeyazdan S, Babaei H, Javadzadeh Y, Asnaashari S, Bamdad Moghadam S. Rhizomes of *Eremostachys laciniata*: isolation and structure elucidation of chemical constituents and a clinical trial on inflammatory diseases. Advanced Pharmaceutical Bulletin, 2013; 3(2): 385-393.
- **Modarresi M**, Foladnia M, Rafiee Z, Jafari A, Zarzasangan K. Iridoid glycosides from *Eremostachys azerbaijanica* Rech. F. root. Journal of Medicinal Plants, 2013; 12(46): 66-77.
- Haghighi Z, karimi N, **Modarresi M**, Mollayi S. Enhancement of compatible solute and secondary metabolites production in *Plantago ovata* Forsk. by salinity stress. Journal of Medicinal Plants Research, 2012; 6(18): 3495-3500.
- Mikaeili A, Karimi I, Shamspur T, Gholamine B, **Modarresi M**, Khanlari A. Anti-candidal activity of *Astragalus verus* in the in vitro and in vivo guinea pig models of cutaneous and systemic candidiasis. Revista Brasileira de Farmacognosia, 2012; 22(5): 1035-1043.
- Mikaeili A, **Modarresi M**, Karimi I, Ghavimi H, Fathi M, Jalilian N. Antifungal activities of *Astragalus verus* Olivier. Against *Trichophyton verrucosum* on in vitro and in vivo guinea pig model of dermatophytosis. Mycoses, 2012; 55(4): 318-325.
- Ahmadi F, Sadeghi S, **Modarresi M**, Abiri R, Mikaeli A. Chemical composition, in vitro antimicrobial, antifungal and antioxidant activities of the essential oil and methanolic extract of *Hymenocrater longiflorus* Benth. of Iran. Food and Chemical Toxicology, 2010; Vol 48(5):1137-1144.

- Delazar A, Asl BH, Afshar FH, Nahar L, **Modarresi M**, Nazemiyeh H, Sarker SD. Evaluation of analgesic activity of *Eremostachys laciniata* in mice. *Journal of Natural Remedies*, 2009; 9(1): 1-7.
- **Modaressi M**, Delazar A, Nazemiyeh H, Fathi-Azad F, Smith E, Rahman MM, Gibbons S, Nahar L, Sarker SD. Antibacterial iridoid glucosides from *Eremostachys laciniata*. *Phytotherapy Research*, 2009; 23(1): 99-103.
- Delazar A, **Modarresi M**, Nazemiyeh H, Fathi-Abadi F, Nahar L, Sarker SD. Furanolabsane diterpene glycosides from *Eremostachys laciniata*. *Natural Product Communications*, 2008; 3(6) 873-876.
- Delazar A, **Modarresi M**, Shoeb M, Nahar L, Reid RG, Kumarasamy Y, Majinda RRT, Sarker SD. Eremostachiin: a new furanolabdane diterpene glycoside from *Eremostachys glabra*. *Natural Product Research*, 2006; 20(2): 167-172.
- Delazar A, Gibbons S, Kosari AR, Nazemiyeh H, **Modarresi M**, Nahar L, Sarker SD. Flavone C-glycosides and cucurbitacin glycosides from *Citrullus colocynthis*. *DARU Journal of Pharmaceutical Sciences*, 2006; 14(3): 109-114.
- Delazar A, Byers M, Gibbons S, Kumarasamy Y, **Modarresi M**, Nahar L, Shoeb M, Sarker SD. Iridoid Glycosides From *Eremostachys glabra*. *Journal of Natural Product*, 2004; 67(9): 1584-1587.
- Nazemiyeh H, Shokri J, Kargar M, Ahmad-Nasrolahi S, Azarmi S, **Modarresi M**. Study on sunscreen effects of *Artemia urmiana* and *Artemina salina* total extracts and their fractions. *Pharmaceutical Sciences*, 2005; 81-88.
- Delazar A, Shoeb M, Kumarasamy Y, Byres M, Nahar L, **Modarresi M**, Sarker SD. Two bioactive ferulic acid derivatives from *Eremostachys glabra*. *DARU Journal of Pharmaceutical Sciences*, 2004; 12(2): 49-53.
- Delazar A, Nazemiyeh H, **Modaressi M**, Afshar J. Study on essential oil obtained from oleoresin of *Pistacia atlantica* var. *mutica*. *Pharmaceutical Sciences*, 2002; 2: 27-38.

Presentations/ Conferences/ Posters

- **M. Modaressi**, R. Azmoonfar, E. Ahmadi, Amineh Raeisi. Radiation protection mediated by medicinal plants, current status and future prospects. The First Tabari Student Congress, Sari (Mazandaran)–Iran, 8-10 march 2018.
- A. Tavan, Naser Karimi, **M. Modarresi**. The effect of salinity stress on some growth and physiological parameters of *Stachys byzantina* C. Koch. National Conference on Tea, Tea Research Institute (Lahijan)-Iran; 31-32 January 2018.
- E. Khanpour, **M. Modarresi**. Quantitative analysis of allantoin in Iranian corn silk. First Iranian Pharmacognosy Congress, Faculty of Pharmacy, Tehran-Iran; 29-30 Nov 2017.
- Z. Yari, M. Azadbakht, A. Mikaeili, **M. Modarresi**. Effect of *Salvadora persica* extract on vaginal infection with *Candida albicans* in mouse. 18th Congress on Reproductive Biomedicine, Tehran-Iran, 30 August-1 September 2017.
- F. Nowrouzi, M. Azadbakht, E. Kalehoie, **M. Modarresi**. Effect of *Rosa Canina* doxorubicin-induced testicular toxicity in mouse testes. 17th Royan International congress on Reproductive Biomedicine, Royan Institute Tehran-Iran, 31 Aug 2016.

- Z. Soheilikhah, A. Movafeghi, N. Karimi, **M. Modarresi**. The effect of salt stress on some morphological traits in Hyssop. 19th National and 7th International Congress of Biology, Tabriz-Iran, 30 Aug-1Sep 2016.
- Z. Soheilikhah, N. Karimi, A. Movafeghi, **M. Modarresi**. Study of morphological characters of hyssop under drought stress. 19th National and 7th International Congress of Biology, Tabriz-Iran, 30 Aug-1Sep 2016.
- F. Nowrozi, M. Azadbakht, **M. Modarresi**, E. Kalehoei. Effect of *Rosa Canina* on the post-injury recovery of doxorubicin-induced testicular toxicity in mouse testes. 2nd International Congress on Reproduction, Tehran-Iran, 18-21 May 2016.
- Z. Soheilikhah, A. Movafeghi, N. Karimi, **M. Modarresi**. The antatological responses of a medicinal plant Hyssop (*Hyssopus officinalis* L.) to stress caused by various concentrations of NaCl. 5th National congress on Medicinal Plants, Isfahan-Iran, 18,19 May 2016.
- Z. Soheilikhah, N. Karimi, A. Movafeghi, **M. Modarresi**. Antatological study in Hyssop (*Hyssopus officinalis* L.) during drought stress. 5th National congress on Medicinal Plants, Isfahan-Iran, 18,19 May 2016.
- M. Ayazi, **M. Modarresi**. Determining an appropriate method for preparing aqueous extract of fennel fruit by infusion. 14th Iranian Pharmaceutical Science Congress, Tehran-Iran, 21-24 Desember 2015.
- O. Moradi, M. Yari, N. Karimi, **M. Modarresi**. Increase of soluble saponins and osmolytes in the medicinal plant *Plantago psyllium* under drought stress. The first National Conference of Medicinal Herbs, Traditional Medicine and Organic agriculture, Hamedan, 28 November 2015.
- F. Nowrozi, M. Azadbakht, E. Kalehoei, **M. Modarresi**. The effect of *Rosa canina* extracts on doxorubicin-induced reproductive toxicity in mouse testis. 2nd International Congress on Progress in Tissue Engineering and Regenerative Medicine, Tehran-Iran, 7-9 November 2015.
- **M. Modarresi**, O. Moradi, N. Karimi. Changes in the leaves of secondary metabolites of *Plantago ovata* under drought stress. 4th National congress on Medicinal Plants, Tehran-Iran, 12,13 May 2015.
- **M. Modarresi**, M. Toriki, P. Najafi. The effect of thyme oil growth performance and immunity of broiler chickens. 4th National congress on Medicinal Plants, Tehran-Iran, 12,13 May 2015.
- **M. Modarresi**, A. Mikaeili, I. Karimi, Z. Bagherinasab. Antidermatophytic activity of *Urtica dioica* L. against *Microsporum canis* a guinea pig model. 4th National congress on Medicinal Plants, Tehran-Iran, 12,13 May 2015.
- **M. Modarresi**, A. Mikaeili, I. Karimi, S. Siaman. Antifungal effects of total extracts of rosmarin leaf against *Microsporum canis* and *Trichophyton tonsurans*. 4th National congress on Medicinal Plants, Tehran-Iran, 12,13 May 2015.
- **M. Modarresi**. Phytoestrogens and their beneficial role in women's health. 20th National Congress on Infertility and Reproduction, Isfahan-Iran, 11-13 June 2014.
- **M. Modarresi**. The role of Phytotherapy in the treatment of male infertility. 20th National Congress on Infertility and Reproduction, Isfahan-Iran, 11-13 June 2014.
- A. Mikaeili, **M. Modarresi**, S. Sozani, I. Karimi. Antidermatophytic activity of extracts and fractions of *Rosmarinus officinalis* leaves against *Trichophyton tonsurans* and *Microsporum canis*. 3rd Iranian Congress on Medical Mycology, Tehran-Iran, 15-16 May 2014.

- S. Sozani, A. Mikaeili, **M. Modarresi**. In vitro study of the antifungal effects of *Rosemarinus officinalis* L. leaves on *Trichophyton tonsurans* and *Microsporum canis*. 2nd Research congress of Kermanshah University of Medical Sciences. 6 March 2014.
- F. Sardarehei, **M. Modarresi**, A. Mikaeili. Inhibitory effects of terbinafine and dimethyl sulfoxide on fungi of *Microsporum canis* and *Epidermophyton floccosum*. 2nd Research congress of Kermanshah University of Medical Sciences. 6 March 2014.
- **M. Modarresi**. Plants as valuable sources of antibiotic preparation. 6th National Conference on Hospital Today-Hospital of Tomorrow, Kermanshah-Iran, 28-30 August 2013.
- **M. Modarresi**, I. Karimi, L. Noorali. Study of inhibitory effects of hydroalcoholic extract of *Stachys lavandulifolia* Vahl. Aerial parts on xanthine oxidase and xanthine dehydrogenase activities in mice. 2nd National congress on Medicinal Plants, Tehran-Iran, 15,16 May 2013.
- **M. Modarresi**, S. Navabi. Determining the best extraction solvent of glabridin from licorice root and measuring it in species native to Kermanshah. 2nd National congress on Medicinal Plants, Tehran-Iran, 15,16 May 2013.
- **M. Modarresi**, I. Karimi, F. Cheshmekaboodi. Effects of aromatic water of *Salix aegyptiaca* L. And its major compound, 1,4-dimethoxybenzene, on rabbit behavior pattern. 2nd National congress on Medicinal Plants, Tehran-Iran, 15,16 May 2013.
- **M. Modarresi**, N. Jalilian, M. Rezaei, L. Ghaderi, N. Jalilian. Study of effects of *Stachys lavandulifolia* aerial parts on the paraclinical signs of polycystic ovarian syndrome. 19th National Congress on infertility and Reproduction, Tehran, Iran, May 2013.
- K. Mozafari, **M. Modarresi**, A. Mikaeili. In vitro study of the effects of aerial parts of *Ephedra major* on *Microsporum gypsum*. 4th Annual Research Congress of Medical Sciences Students of Western Iran-Kermanshah, 7 March 2013.
- N. Nemati, L. Hosseinzadeh, **M. Modarresi**. Effect of toxicity of aqueous extraction of aerial parts of *Stachys lavandulifolia* in wistar rat. 4th Annual Research Congress of Medical Sciences Students of Western Iran-Kermanshah, 7 March 2013.
- A. Mikaeili, **M. Modarresi**, Mozafari, I. Karimi. Assessment of antifungal activity of various extracts and fractions of *Ephedra major* against dermatophytes moulds and yeasts. 2nd Iranian Congress on Medical Mycology, Ahvaz-Iran, 12-14 February 2013.
- A. Mikaeili, I. Karimi, **M. Modarresi**, Z. Bagherinasab. Assessment of antifungal activity of *Urtica dioica* against *Microsporum canis* on the in vitro and in guinea pig model of dermatophytosis. 2nd Iranian Congress on Medical Mycology, Ahvaz-Iran, 12-14 February 2013.
- O. Moradi, N. Karimi, **M. Modarresi**. Effect of drought stress on proline, carbohydrate and chlorophyll content in *Plantago ovata* forsk. plant. 3rd Annual Scientific Conference of Razi University, Kermanshah-Iran, 9 December 2012.
- O. Moradi, N. Karimi, **M. Modarresi**. Reactive two species *Plantago ovata* F. And *Plantago psyllium* to salinity (NaCl). 1st national Conference of Salinity Stress in Plant, Tabriz-Iran, 12-13 September 2012.
- O. Moradi, N. Karimi, **M. Modarresi**. Effect of NaCl on ion accumulation, physiological and biochemical parameters in *Plantago ovata* forsk. under salinity stress. The 17th National and 5th International Iranian Biology Conference. Kerman-Iran, 4-6 September 2012.

- M. Fouladnia, **M. Modarresi**. Phenylethanoid glycosides from *Eremostachys azerbaijanica* rech. F. 13th Iranian Pharmaceutical Sciences Congress, Isfahan-Iran, 3-6 September 2012.
- M. Fouladnia, **M. Modarresi**. Sorbitol and a cyclic lactone compound from the aerial parts of *Capsella bursa-pastoris* plant. National Conference on Medicinal Plants, Yasoj-Iran, 26-28 August 2012.
- **M. Modarresi**, I. Karimi, F. Cheshmehkaboodi. Effects of aromatic water of *Salix aegyptiaca* L. And its major compound, 1,4-dimethoxybenzene, on lipid profile of rabbits. National congress on Medicinal Plants, Kish Island-Iran, 16,17 May 2012.
- **M. Modarresi**, A. Mikaeili, I. Karimi, A. Shahbazi, N. Jalilian. In vitro antifungal activity of *Tamarix ramosissima* against *Trichophyton verrucosum*. National congress on Medicinal Plants, Kish Island-Iran, 16,17 May 2012.
- **M. Modarresi**, N. Jalilian, M. Rezaei, L. Ghaderi, N. Jalilian. Study of efficacy of *Stachys lavandulifolia* aerial parts in treating the clinical signs of abnormal uterine bleedings due to polycystic ovarian syndrome. National congress on Medicinal Plants, Kish Island-Iran, 16,17 May 2012.
- **M. Modarresi**, I. Karimi, F. CheshmeKabodi. Evaluation of the effect of aromatic water *Salix aegyptiaca* L. and its composition 1,4-Methoxybenzene on rabbit behavior. The First Annual Conference of Students of Medical Sciences University, Kermanshah-Iran, 23 february 2012.
- Z. Bagherinasab, A. Mikaeili, **M. Modarresi**. The antifungal effect of *Urtica dioica* on *Microsporium canis* in media culture. The First Annual Conference of Students of Medical Sciences University, Kermanshah-Iran, 23 February 2012.
- R. Shahsavar, F. Ahmadi, **M. Modarresi**, A. Mikaeili, H. Batoli. In vitro study of antifungal and antioxidant effects of hydroalcoholic extract of *Minidium laevigatum*. The First Annual Conference of Students of Medical Sciences University, Kermanshah-Iran, 23 february 2012.
- **M. Modarresi**, S. Navabi. The standard preparation of glabridine and determination of its best extractantion from licorice root and determination of its content in native Kermanshah species. The First Annual Conference of Students of Medical Sciences University, Kermanshah-Iran, 23 february 2012.
- Z. Haghghi-Pak, N. Karimi, M.H. Lari-Yazdi, **M. Modarresi**. Evaluation of changes of some active ingredients under the influence of salinity stress in the plant of *plantago ovata* forsk. 1st Iranian Congress on Herbal Drugs, Shahrekurd-Iran, 19,20 October 2011.
- L. Noorali, I. Karimi, **M. Modarresi**. Hypoaversive effects of hydroalcoholic extract of aerial parts of *Stachys lavandolifolia* in male mice. 16th Iranian pharmacy Students Seminar, Tehran-Iran, 17 October 2011.
- A. Shahbazi, A. Mikaeili, **M. Modarresi**. Antifungal effect of tamarix stalk skin on *Epidermophyton flucosome* in media Culture. International Congress on Applied Biology, Mashhad-Iran, 1-2 September 2011.
- Z. Haghghi-Pak, N. Karimi, M.H. Lari-Yazdi, **M. Modarresi**. Influence of salinity on flavonoid content and total saponin content of shoots of *Plantago ovata* Forsk. International Congress on Applied Biology, Mashhad-Iran, 1-2 September 2011.
- P. Najafi, M. Torki, **M. Modarresi**. Effect of addition of thyme, cinnamon, and clove essential oils to diet and on the functional of broiler chicks. 1st National Conference on New Technologies in Agriculture and Natural Resources, Rasht-Iran, March 2009.

- P. Najafi, M. Toriki, **M. Modarresi**. The effect of adding thyme, cinnamon and essential oils of cloves to the diet on viscosity and carcass parameters of broiler chicks. 3rd Regional Conference on Agriculture Findings and Natural Resources (West of Iran), Sanandaj, Iran, 4,5 March 2009.
- B. Talischi, J. Babri, **M. Modarresi**, S. Bamdad-Moghadam, S. Asnaashari, H. Nazemiyeh, H. Rezazadeh, A. Delazar. Antioxidant activity of methanol extract of *Chrozophora tinctoria* and identification of O-glycodide flavones isolated from it. National Congress on Sustainable Development of Medicinal Plants, Mashhad- Iran, 27-29 July 2005.
- M. Naseri, **M. Modarresi**, S. Bamdad-Moghadam, S. Esnaashari, A. Deazar. GC-MS analysis and antioxidant activity of essential oil of two Artemisia species. 1st Seminar of Medicinal and Natural Products Chemistry, Shiraz- Iran, 10,11 May 2005.
- B. Talischi, **M. Modarresi**, S. Bamdad-Moghadam, S. Asnaashari, H. Nazemiyeh, H. Rezazadeh, A. Delazar. Antioxidant activity of methanol extract of *Chrozophora tinctoria* and identification of O-glycodide flavones isolated from it. 1st Seminar of Medicinal and Natural Products Chemistry, Shiraz- Iran, 10,11 May 2005.
- A. Delazar, B. Talischi, **M. Modarresi**, S. Bamdad-Moghadam, H. Nazemiyeh, S. Asnaashari. Two flavonoid glycosides from *Chrozophora tinctoria*. 2nd Medicinal Plants Conferences, Tehran-Iran, Junaury 2004.
- A. Delazar, A.R. Kosari, H. Nazemiyeh, **M. Modarresi**, J. Afshar, S.D. Sarker. Three flavonoid C-glycosides from *Citrullus colocynthis*. 9th Seminar of Pharmaceutical Sciences, Tabriz-Iran, 23-26 August 2004.

Master and Doctorate Theses Supervision

- Anxiolytic effects of aqueous extract of *Stachys lavandulifolia* vahl. in mice. Ahmad Mohammadi-Farani, Keyvan Amirshahrokhi. August 2019.
- Evaluation of the cytotoxic and apoptotic effects of various extracts and fractions of *Portulaca oleracea* seeds in several human cancer cell lines. February 2019.
- Effect of salicylic and jasmonic acid on some physiological and biochemical parameters of hyperaccumulator, *Alyssum inflatum* Nyar. Under nickel stress. January 2019.
- In vitro evaluation of the antifungal activity of *Berberis vulgaris* L. root on some of prevalent dermatophytes and identification and quantification of the major groups of compounds. December 2018.
- In vitro evaluation of the antifungal activity of *Zea mays* L. silk on some of prevalent dermatophytes and identification and quantification of the major groups of compounds, Masoud Modarresi, Ali Mikaeli, Shadab Borzoei, November 2018.
- Identification and evaluation of the cytotoxic effects of major compounds from active fractions of chloroform extract of *Stachys lavandulifolia* aerial parts in human ovary cancer cell line. November 2018.
- Extraction and in vitro evaluation of the antidermatophytic effects of hesperidin. September 2018.
- Evaluation the healing effects of corn silk aqueous extract on skin ulcers in. July 2018.

- Evaluation the healing effects of corn silk aqueous extract on skin ulcers in. July 2018.
- Evaluation of comparison the effect of three methods of inhalation aromatherapy, massage and aromatherapy massage on sleep quality of cardiac patients hospitalized in Imam Al hospital 2017. February 2018.
- Antibacterial efficacy of Pistacia atlantica resin on bacteria of root canal. January 2017.
- Comparative evaluation of the effect of aromatherapy with the essential oils of lavender and peppermint on cardiac patients' sleep quality hospitalized in Imam Ali (AS) Hospitl of Kermanshah in 2017. July 2017
- Evaluation of the cytotoxic and apoptotic effects of various extracts and fractions of Viola odorata flowers in several human cancer cell lines. February 2017.
- Extraction and purification of curcuminoids from Turmeric rhizome and their simulataneous Quantification by voltammetry along with H-point standard addition method. October 2016
- Clinical evaluation of efficacy of *Viola odorata* flowers in the treatment of atopic dermatitis in adults. October 2016.
- Acute and subchronic toxicological evaluation of aqueous extract of *Citrus aurantium* flowers in Wistar rats. July 2016.
- The comparative study of effect of fruit of *Foeniculum vulgare* and medroxyprogesterone drug in treatment of abnormal uterine bleeding cause by polycystic ovary syndrome. May 2016.
- Evaluation of the cytotoxic effect of glabridin isolated from *Glycyrrhiza glabra* on some human carcinoma cells and its effect on cytotoxicity and oxidative stress induced by doxorubicin on some human carcinoma cells and PC12. April 2016.
- Evaluation of the cytotoxic and apoptotic effects of various extracts and fractions of *Stachys lavandulifolia* aerial parts in several human cancer cell lines. April 2016.
- Biosynthesis of silver nanoparticles by seed of *Dracocephalum moldavica* L. and effect of silver nanoparticles on some its physiological and biochemical parameters. February 2016.
- The study of anti-candida drugs effect, on candida albicans isolated from admitted patients to medical mycology lab of special clinic of Kermanshah University of medical 2014. October 2015.
- Comparison of fluconazole and terbinafine drugs by clinical and in vitro methods, among referral patients to medical mycology lab of special clinic of Kermanshah University of Medical 2012. November 2014.
- Studing in vitro of antifungal effects of essences and fractions of shoot of *Hypericum perforatum* on Epidermophyton floccosum and Microsporum canis. Summer 2014.
- The effect of quality of life therapy and aromatherapy by lavandola on elderly womens mental health and affectivity. September 2014.
- In vitro evaluation of the antifungal activity of various extracts and fractions of *Ephedra major* aerial parts on four common dermatophyte species. July 2014.
- The effect of *Punica granatum* peel equal extract on *Leishmania major* leptomonads in culture medium and ulcer in mice. October 2013.
- Evaluation of healing effect of *Stachys lavandulifolia* vahl. on diabetic ulcer in rat. summer 2013.
- Acute and subchronic toxicological study of aqueous extract of *Stachys lavandulifolia* Vahl. aerial parts in wistar rats. March 2012.

- Evaluating changes in levels of secondary metabolites and physiological factors of *Plantago psyllium* and *Plantago ovata* under drought and salinity stress. February 2013.
- Assessment of antifungal activities of aqueous and hydroalcoholic extracts of *Urtica dioica* L. aerial parts against *Microsporum canis* on in vitro and in guinea pig model of dermatophytosis. October 2012
- The evaluation of hypouricemic effect of hydroalcoholic extract prepared from aerial parts of *Stachys lavandulifolia* Vahl. in mice. October 2012.
- Antifungal, antibacterial and antioxidant activities of methanolic extracts of *Mindium lavezatum* (Vent.) Rech. F and *cymbopogon oliviri* (Boiss.) Bor. January 2017.
- Development of Suitable Method for purification of a skin lightening compound, glabridin, from licorice root. May 2012.
- Evaluation of effect of the aromatic water of *Salix aegyptiaca* L. and its active compound, 1, 4-dimethoxybenzene, on lipid profile and behavior of rabbits. Januari , 2012.
- The effect of aerial parts of *Astragalus verrus* against *Candida albicans*: In vitro and on the cutaneous and systemic forms of guinea pig model of Candidiasis. June 2011.
- The study of antifungal effects of the aerial parts of species belong to the genus *astragalus* against *Trichophyton verrucosum* in vitro and inoculated guinea pig model. February, 2011.
- The comparative study of effect of aerial parts of *Stachys lavandulifolia* and medroxyprogesterone drug in symptomatic treatment of polycystic ovary syndrome. January 2011.
- Study of chemical compounds of aerial parts of *Capsella bursa-pastoris*. February 2010.
- Evaluation of root chemical constituents of *Eremostachys azerbaijanica* rech. F. Masoud Modarresi, Kamran Zarzasangan. January 2010.
- Application of SPME-PPY-GC-Mass for extraction and determination of volatile compound of medicinal plants from headspace and studying of its antimicrobial properties. Farhad Ahmadi, Masoud Modarresi, Ramin Abiri, Sahar Sadeghi. January 2010.
- Effects of dietary inclusion by essential oils of thyme, cinnamon and clove on performance, carcass characteristics, serum metabolite levels, ileum viscosity and humoral immune response of broiler chickens. February 2009.

Professional Memberships

2001-curent The Islamic Republic of Iran Medical Council

2010-curent The Iranian Society of Pharmacognosy

Activity

- Collaboration in setting up an HPLC Laboratory at the Faculty of Pharmacy of Kermanshah University of Medical Sciences (2019).
- Collaboration in setting up a Pharmacognosy Research Laboratory at the Faculty of Pharmacy of Kermanshah University of Medical Sciences (2019).
- Reviewer in Journal of Kermanshah University of Medical Sciences.
- Collaboration in setting up a Pharmacognosy Research-Educational Laboratory at the Faculty of Pharmacy of Kermanshah University of Medical Sciences (2011).
- Collaboration in setting up a Medicinal Herb Garden in the Faculty of Pharmacy of Kermanshah University of Medical Sciences (2011).
- Collaboration in setting up a Medicinal Herb Garden in the Faculty of Pharmacy of Kermanshah University of Medical Sciences (2011).

Grant Review Activities

- More than 40 grant proposal review for Kermanshan University of Medical Sciences.

Funding Information

- More than 40 funded projects from Kermanshah University of Medical Sciences.

Workshops

- 2019, 2014- Office (Powerpoint, Word, Excel)
- 2017- Systematic review and meta-analysis
- 2017,2016- Patent and Intellectual Property
- 2016- International patent
- 2016, 2014- SPSS
- 2016, 2014, 2009-End Note
- 2015- Statistical methods of meta-analysis, software use STATA
- 2014,2011- Clinical Trial
- 2013- Education of Prezi

Languages

- English
- Persian

Hobbies

- Walking