

Curriculum Vitae

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Pharm D., Ph.D. of Pharmacognosy

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Contact information

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Educations

- **Pharm D.:** Professional doctorate of Pharmacy. Mashhad University of Medical Sciences. 1999.

(Title of Thesis: Detection of C-reactive protein in human serum by lipid agglutination method and compare it with lipid agglutination method)

- **Ph.D.:** Pharmacognosy. Tabriz University of Medical Sciences. 2007.

(Title of Thesis: The study of chemical compounds of some species of the genus Eremostachys growing in Iran)

Teaching experiences

- Pharmacognosy I
- Pharmacognosy II
- Pharmacognosy, lab.
- Medicinal Plants
- Medicinal Plants, Lab.
- Instrumental analysis
- Instrumental analysis, lab.
- Physicochemical control of herbal medicine and medicinal plants

Research Interests

- Isolation and structure elucidation of natural compounds from medicinal plants

- Spectroscopic analysis of natural products
- In vitro studying the effects of natural compounds
- Evaluation of the clinical effects of medicinal plants

Publications

- Delazar A, Byres M, Gibbons S, Kumarasamy Y, Modarresi M, Nahar L, Shoeb M, Sarker SD. Iridoid glycosides from *Eremostachys glabra*. *J Nat Prod*. 2004, 67(9): 1584-1587.
- Delazar A, Shoeb M, Kumarasamy Y, Byres M, Nahar L, Modarresi M, Sarker SD. Two bioactive ferulic acid derivatives from *Eremostachys glabra*. *DARU*. 2004, 12(2): 49-53.
- Nazemiyeh H, Shokri J, Kargar M, Ahmad-Nasrolahi S, Azarmi S, Modarresi M. Study on sunscreen effects of *Artemia urmiana* and *Artemia salina* total extracts and their fractions. *Pharm Sci*. 2005, 11(3): 81-88.
- Delazar A, Modarresi M, Shoeb M, Nahar L, Reid RG, Kumarasamy Y, Majinda RR, Sarker SD. Eremostachiin: a new furanolabdane diterpene glycoside from *Eremostachys glabra*. *Nat Prod Res*. 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*. 2006, 14(3): 109-114.
- Delazar A, Habibi Asl B, Mohammadi O, Hashemi Afshar F, Nahar L, Modarresi M, Nazemiyeh H, Sarker SD. Evaluation of Analgesic Activity of *Eremostachys laciniata* in Mice. *J Nat Remedies*. 2009, 9(1): 1-7.
- Modarresi M, Delazar A, Nazemiyeh H, Fathi-Azad F, Smith E, Rahman MM, Gibbons S, Nahar L, Sarker SD. Antibacterial iridoid glucosides from *Eremostachys laciniata*. *Phytother Res*. 2009, 23(1): 99-103.
- 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 Chem Toxicol*. 2010, 48(5): 1137-1144.

- Mikaeili A, Karimi I, Shamspur T, Gholamine B, Modaresi M, Khanlari A. Anti-candidal activity of *Astragalus verus* in the in vitro and in vivo guinea pig models of cutaneous and systemic candidiasis. *Braz. J. Pharmacog.* 2012, 22(5): 1035-1043.
- Haghighi Z, karimi N, Modarresi M, Mollayi S. Enhancement of compatible solute and secondary metabolites production in *Plantago ovata* Forsk. by salinity stress. *J Med Plants Res.* 2012, 6(18): 3495-3500.
- Mikaeili A, Modaresi 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.
- Modarresi M, Foladnia M, Rafiee Z, Jafari A, Zarzasangan K. Iridoid glycosides from *Eremostachys azerbaijanica* Rech. f. root. *JMP.* 2013, 2(46): 66-77.
- Mikaeili A, Karimi I, Modaresi M, Bagherinasab Z. Assessment of antidermatophytic activities of *Urtica dioica* L against *microsporum canis* in a guinea pig model. *Trop J Pharm Res.* 2013, 12(6): 997-1002.
- Modarresi M, Shahsavari R, 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 J Nat Pharm Prod.* 2013, 8(1): 34-40.
- Delazar A, Sarker SD, Nahar L, Barzegar Jalali S, Modaresi 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. *Adv Pharm Bull.* 2013, 3(2): 385-393.
- 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*). *Phytother Res.* 2013, 27(11): 1708-1713.

- Modarresi M, Hosseinzadeh L, Nematy N, Siavash-Haghighi ZM, Ghanbari K. Acute and subchronic toxicological evaluation of *Stachys lavandulifolia* aqueous extract in Wistar rats. *Res Pharm Sci*. 2014, 9(3): 165-172.
- Karimi I, Modaresi M, Cheshmekaboodi 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. *Int J Clin Toxicol*. 2014, 2(2): 55-63.
- Mikaeili A, Modarresi M, Mozafari K. Investigation of antifungal effect of *Ephedra major* against *Microsporum gypseum*. *SJKU*. 2015, 20(3): 33-44.
- Mikaeili A, Modarresi M, Maleki M. Anti-candida effects of clotrimazole and fluconazole against isolated *C. Albicans* from patients of candidiasis admitted in medical mycology lab of special clinic of Kermanshah university of medical sciences, 2014. *Biomed Pharma J*. 2015, 8(2): 931-935.