**Yalda Shokoohinia**

Assistant Professor

Pharm D., PhD of Pharmacognosy

Department of Pharmacognosy & Biotechnology, School of Pharmacy.

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**Personal Records:**

**Name:** Yalda, **Surname:** Shokoohinia

**Date of Birth:** November 1980

**Nationality:** Iranian

**Gender:** Female

**Place of Birth:** Sirjan, Iran

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**Language skills:** Farsi (Native), English (Fluent), French (Elementary), Italian (Elementary)

**Educational Records:**

**Pharm D.**

* Professional doctorate of Pharmacy, Isfahan University of Medical Sciences. 2005
* **Thesis:** Phytochemical investigation of *Pycnocycla spinosa*

**PhD**

* Pharmacognosy, Isfahan University of Medical Sciences. 2010
* **Thesis:** Isolation and structure elucidation of new diterpenoid poly esters from some Iranian *Euphorbia* species

**AWARDS**

* 2013. Selected best researchers of the university. Kermanshah University of Medical Sciences.
* 2014. Selected best teacher of the university. Kermanshah University of Medical Sciences.
* 2012. 2nd Best article awarded, Contributor. 17th Iranian Pharmacy Students Seminar. Kermanshah, Iran.
* 2012. 3rd Best article awarded, Contributor. 17th Iranian Pharmacy Students Seminar. Kermanshah, Iran.
* 2012. Selected best researchers of the university. Kermanshah University of Medical Sciences.
* 2011. 2nd Best article awarded, Contributor. 16th Iranian Pharmacy Students Seminar. Tehran, Iran.
* 2010. Best Article Awarded. 12th Iranian Pharmaceutical Sciences Congress. Zanjan, Iran.
* 2009-2010. 9 month-fellowship, University of eastern Piedmont, Novara, Italy
* 2008. Candidate for “the Best PhD student” in Isfahan School of pharmacy.
* 2007. 1st Best PhD Student in the Board Exam of Pharmacognosy PhD course.
* 2005. 2nd Best Student, Pharmacy
* 2005. 2nd Best Student in the Entrance Exam of PhD Course of Pharmacognosy.
* 2001. 3rd Best Student, Pharmacy

**Publications**

**Full papers:**

1. Yalda Shokoohinia, Seyed-Ebrahim Sajjadi, Amir Reza Jassbi, Hosein Moradi, Nasrollah Ghassemi, Bernd Schneider. Sesquiterpenes and Flavonoids of Anthemis odontostephana var. odontostephana. Chemistry of Natural Compounds. 2015. 51 (3). 491
2. Shokoohinia,Y. Rashidi,M. Hosseinzadeh,L. Jelodarian,Z. Quercetin-3-O-β-D-glucopyranoside, a Dietry Flavonoid, Protects PC12 Cells from H2O2-Induced Cytotoxicity through Inhibition of Reactive Oxygen Species. Food chemistry, 2015. 162-167.
3. The influence of the extraction mode on three coumarin compounds yield from Prangos ferulacea (L.) Lindl roots. Mohammad Bagher Gholivand · Yadollah Yamini ·

Manijeh Dayeni · Yalda Shokoohinia. J IRAN CHEM SOC. 2014.

1. Jatrophanes from Euphorbia squamosa as Potent Inhibitors of 2 Candida albicans Multidrug Transporters. Manpreet Kaur Rawa, Yalda Shokoohinia, Giuseppina Chianese, Behzad Zolfaghari, Giovanni Appendino, Orazio Taglialatela-Scafati, Rajendra Prasad and Attilio Di Pietro. Journal of Natural Product. 2014.
2. Osthole Attenuates Doxorubicin-Induced Apoptosis in PC12 Cells through Inhibition of Mitochondrial Dysfunction and ROS Production. Yalda Shokoohinia, Leila Hosseinzadeh, Maryam Moieni-Arya, AliMostafaie, and Hamid-RezaMohammadi-Motlagh.

Year of publication: 2014, 1-8.

1. Seasonal variations of Laurus nobilis L. leaves volatile oil components in Isfahan, Iran. Y. Shokoohinia, A. Yegdaneh, G. Amin, A. Ghannadi. Research Journal of Pharmacognosy (RJP). 2014. 1(3): 1-6.
2. Comparative Evaluation of Cytotoxic and Apoptogenic Effects of Several Coumarins on Human Cancer Cell Lines: Osthole Induces Apoptosis in p53-Deficient H1299 Cells. Yalda Shokoohinia, Leila Hosseinzadeh, Maryam Alipour, AliMostafaie, and Hamid-RezaMohammadi-Motlagh. Advances in Pharmacological Sciences. 2014, 1-9.
3. Mojarrab,M. Rezaei, M. Miraghaee,SH. Abdi, G. Shokoohinia,Y. Antimalarial Evaluation of Cuminaldehyde, an Aromatic Monoterpenoidusing Cell Free β-hematin Formation Assay. Journal of Reports in Pharmaceutical Sciences .2014, 3(1), 36‐41.
4. Shokoohinia,Y. Sajjadi,E. Gholamzadeh,S. Fattahi,A. Behbahani,M. Antiviral and cytotoxic evaluation of coumarins from *Prangos ferulacea*. Pharmaceutical biology, 2014, in press.
5. Fattahian K, Shokoohinia Y, Ghannadi A, Behbahani M, Shahnoush A. Anti-viral evaluation of sesquiterpene coumarins from Ferula assa-foetida against HSV-1. Iran J Pharm Res, 2014,12(2).
6. Behbahani M, Shanehsazzadeh M, **Shokoohinia** Y, Soltani M. Evaluation of Anti-Herpetic Activity of Methanol Seed Extract and Fractions of *Securigera securidaca In vitro*. J Antivir Antiretrovir. 2013;5:072-076.
7. Sajjadi SE, Ghassemi N, **Shokoohinia** Y, Moradi H. Essential Oil Composition of Flowers of *Anthemis odontostephana* Boiss. *var*. *odontostephana*. Journal of Essential Oil Bearing Plants. 2013;16(2):247-51.
8. **Shokooinia** Y, Chianese G, Appendino G, Di Marzo V, De Petrocellis L, Ghannadi A, Taghvayi R, Fattahian K, Soltani R, Taglialatela-Scafati O. Some like it hot and stinky. TRPA1 as a molecular target for the malodorous vinyl disulfides from asafoetida. Fitoterapia 2013, 90: 247-251.
9. Bijari N, **Shokoohinia** Y, Ashrafi-Kooshk MR, Ranjbar S, Parvaneh S, Moieni-Arya M, Khodarahmi R. Spectroscopic study of interaction between osthole and human serum albumin: Identification of possible binding site of the compound. Journal of Luminescence. 2013; 143: 328–336.
10. Ranjbar S, Gholamzadeh, S Aghaei,A, Shokoohinia,Y. Moradi,N. Khodarahmi,R. Ghobadi,S. Bijari, N. Ashrafi-Kooshk,M.R. Studies of the Interaction between Isoimperatorin and Human Serum Albumin by Multispectroscopic Method: Identification of Possible Binding Site of the Compound Using Esterase Activity of the Protein. The Scientific World Journal. 2013. 1-13.
11. Fattahi A, Petrini P, Munarin F, **Shokoohinia** Y, Golozar MA, Varshosaz J, Tanzi MC. Polysaccharides derived from tragacanth as biocompatible polymers and gels. J App Pol Sci. 2013,129 (4): 2092-2102.
12. Jelodarian Z, Taghvayi R, Allahyari E, **Shokoohinia** Y, Ghannadi A. Plant sulfides: effective compounds on hair and skin diseases. J Isfahan Med School, 2013, 30, 217: 2198-2205.
13. Sadraei H., **Shokoohinia** Y., Sajjadi SE, Mozafari M. Antispasmodic effects of *Prangos ferulacea*acetone extract and its main component osthole on ileum contraction. Res Pharm Sci, 2013; 8 (2): 137-144
14. Sajjadi SE, **Shokoohinia** Y, Mehramiri P. Isolation and characterization of steroids, phthalide and essential oil from the fruits of *Kelussia odoratissima* Mozaff., an endemic mountain celery. Res Pharm Sci, 2013, 8 (1), 35-41.
15. Bahrami G, Soltani R, Sajjadi SE, Kanani MR, Naderi R, Ghiasvand N, **Shokoohinia** Y. Essential Oil Composition of *Ferula assa-foetida* L. Fruits from Western Iran. Journal of Reports in Pharmaceutical Sciences. 2012, 2(2), 1-8.
16. Sajjadi SE, Shokoohinia Y, Moayedi N. Isolation and Identification of Ferulic Acid From4. Aerial Parts of Kelussia odoratissima Mozaff. Jundishapur J Nat Pharm Prod. 2012;7(4):25-28.
17. Sajjadi S.E., **Shokoohinia** Y, Jamali M. Chemical composition of essential oil of *Ferulago macrocarpa* (Fenzl) Boiss. fruits. Res Pharm Sci. 2012, 7(3), 197-200.
18. Zolfaghari B, **Shokoohinia** Y, Ramezanlou P, Sadeghi A, Mahmoudzadeh M, Minaiyan M. Effects of methanolic and butanolic fractions of *Allium elburzense* Wendelbo bulbson blood glucose level of normal and STZ-induced diabetic rats. Res Pharm Sci 2012, 7(4), 201-207.
19. Mirghazanfari SM, Hosseinzadeh L, **Shokoohinia** Y, Aslany M, Kamali-Nejad M. Acute and subchronic toxicological evaluation of *Echinophora platyloba* DC (Apiaceae) total extract in Wistar rats. Clinics, 2012, 67 (5), 497-502.
20. Sadraei H, **Shokoohinia** Y, Sajjadi S.E, Ghadirian B. Antispasmodic effect of osthole and *Prangosferulacea*extract on rat uterus smooth muscle motility. Res Pharm Sci 2012, 7(3): 141-149.
21. Sajjadi SE, **Shokoohinia** Y., Hemmati S. Isolation and identification of furanocoumarins and a phenyl propanoid from the acetone extract and identification of volatile constituents from the essential oil of *Peucedanum pastinacifolium* Boiss. Chem Nat Comp, 2012, 48, 4, 668-671.
22. Sajjadi SE, **Shokoohinia** Y, Gholamzadeh S. Chemical composition of the essential oil of the roots of *Prangosferulacea* (L.) Lindl. Chemija, 2011, 22(3), 178-180.
23. ShokoohiniaY, Chianese G, Zolfaghari B, Sajjadi SE, Appendino G, Taglialatela-Scafati O. Macrocyclic diterpenoids from the Iranian plant Euphorbia bungei Boiss. Fitoterapia 2011: 82: 317-322.
24. Sajjadi SE, **Shokoohinia** Y. Essential oil composition of *Teucrium chamaedrys* L. subsp. *syspirense* (C. Koch) Rech. F. growing wild in Iran. Journal of essential oil bearing plants. 2010 (13) 2: 175-180.
25. **Shokoohinia** Y., Sajjadi SE, Zolfaghari B, Chianese G, Appendino G, Taglialatela-Scafati O. Diterpenoid (poly) esters and a ring A-secophorboid from the aerial parts of *Euphorbia macroclada* Boiss.Fitoterapia. 2010: 81: 884-890.
26. Sajjadi SE, Zeinvand H, Shokoohinia Y. Isolation and identification of osthol from the fruits and essential oil composition of the leaves of Prangos asperula Boiss. Res Pharm Sci. 2009; 4 (1): 19-23.

**Abstracts**

* Shokoohinia,P. Fakhri,S. Sharafi,M. Jafari,R. Mohammadi,G. Kiani,A. **Shokoohinia,Y**. Anti-Inflammatory Effect of a Cinnamin formulation Against Carrageenan-Induced Paw Edema in rats. Xth International Symposium on the Chemistry of Natural Compounds.Bukhara, Uzbekistan, November 2013.
* Sajjadi, SE. **Shokoohinia,Y**. Jamali, M. Dihydrofuranocoumarins from Ferulago macrocarpa. Xth International Symposium on the Chemistry of Natural Compounds.Bukhara, Uzbekistan, November 2013.
* **Shokoohinia**, Ghannadi, Taghvayi, Appendino, Taglialatela- Scafati O. Isolation of new disulphides from *Ferula foetida* roots. 13th Iranian Pharmaceutical Sciences Congress. 2012, Abstract book, Isfahan, Iran.
* Sajjadi SE, **Shokoohinia Y**, Gholamzadeh S, Behbahani M, Fattahi A. Antiviral evaluation of coumarins from *Prangos ferulacea* L. (Lindl). 13th Iranian Pharmaceutical Sciences Congress. 2012, Abstract book, Isfahan, Iran.
* **Shokoohinia Y**, SajjadiSE, Jassbi AR,Ghassemi N, Moradi H,Schneider B. Isolation and structure elucidation of new cyclohexenones from *Anthemis odontostephana* Boiss. 13th Iranian Pharmaceutical Sciences Congress. 2012, Abstract book, Isfahan, Iran.
* Sajjadi SE, **Shokoohinia Y**, Hemmati S, GholamzadehS, Behbahani M. Antivirial activity of elemicin from *Peucedanum pastinacifolium*. 13th Iranian Pharmaceutical Sciences Congress. 2012, Abstract book, Isfahan, Iran.
* **ShokoohiniaY**, GhannadiA, FattahianK, Appendino G, Taglialatela- Scafati O. Isolation of new disulphides from *Ferula foetida* oleo-gum-resin. 13th Iranian Pharmaceutical Sciences Congress. 2012, Abstract book, Isfahan, Iran.
* Sajjadi SE, **Shokoohinia Y**, Jamali M. *Ferulagoa macrocarpa* (Fenzl) Boiss as a source of bornyl acetate and 1,10-diepicoubenol. 13th Iranian Pharmaceutical Sciences Congress. 2012, Abstract book, Isfahan, Iran.
* Ahmadi M, Alipour M, Shavandi M, Hosseinzadeh L, **Shokoohinia Y**. Comparative evaluation of apoptogenic effects of the Osthole and Isoimperatorin on SKNMC, H1299 and PC-3 cell lines. 17th Iranian Pharmacy Students Seminar. 2012. Kermanshah, Iran.
* Soltani R, **Shookohinia Y**, Bahrami GR, Ghannadi A. Chemical comparisons of different asafetida oleo-gum-resins. 17th Iranian Pharmacy Students Seminar. 2012. Kermanshah, Iran.
* Rezaee M, **Shokoohinia Y**, Mojarrab M, Miraghaee S. Phytochemical investigation of *Bunium persicum*. 17th Iranian Pharmacy Students Seminar. 2012. Kermanshah, Iran.
* Jelodarian Z, Rashidi M, **Shokoohinia Y**. Phytochemical investigation of hydroethanolic extract of *Echinophora cinerea*. 17th Iranian Pharmacy Students Seminar. 2012. Kermanshah, Iran.
* Rashidi M, Jelodarian Z, **Shokoohinia Y**. Phytochemical investigation of acetone extract of *Echinophora cinerea*. 17th Iranian Pharmacy Students Seminar. 2012. Kermanshah, Iran.
* Mozafari M, SadraeiH, **ShokoohiniaY**. Antispasmodic effect of perenylated coumarin, osthole on rat ileum smooth muscle. 1st national congress on herbal medicine. Shahrekord, Iran.
* GhadirianB, Sadraei H, **ShokoohiniaY.** Antispasmodic effects of osthole on rat uterus smooth muscle contractions. 1st national congress on herbal medicine. Shahrekord, Iran
* Gholamzadeh S, Sajjadi SE, **ShokoohiniaY**. Phytochemical investigation of *Prangos ferulacea* (L) Lindl. 17th Iranian Pharmacy Students Seminar. 2012. Kermanshah, Iran.
* Moieni Arya M, **Shookohinia Y**, Hosseinzadeh L. Effect of isoimperatorin and oxypeucedanin isolated from *Prangos ferulacea* on doxorubicin -induced apoptosis in PC12 cells. 17th Iranian Pharmacy Students Seminar. 2012. Kermanshah, Iran.
* Alipour M, Hosseinzadeh L, **Shokoohinia Y**. Comparative evaluation of cytotoxic effects of the coumarins isolated from the roots of *Prangos ferulacea (L)* lindl. on humancancer cell lines. 17th Iranian Pharmacy Students Seminar. 2012. Kermanshah, Iran.
* **Shokoohinia Y.**, Rahmati F., Rezaee M., Rezaee J., Sharbati S. The effect of alfa-bisabolol on skin. 1st Iranian Cosmeceutical Congress. 2012, Abstract book, Isfahan, Iran.
* **Shokoohinia Y.**, Akbari K., Ghiasi M., Mahdian Z. The role of coumarins in psoriasis treatment. 1st Iranian Cosmeceutical Congress. 2012, Abstract book, Isfahan, Iran.
* Ghiasi M, Mahdian Z, **Shokoohinia Y**, Akbari N. Intense Pulsed Light application in skin diseases. 1st Iranian Cosmeceutical Congress. 2012, Abstract book, Isfahan, Iran.
* Jelodarian, Z., Allah-Yari E., Soltani R., **Shokoohinia Y.** The effect of plant sulphides on skin and hair. 1st Iranian Cosmeceutical Congress. 2012, Abstract book, Isfahan, Iran.
* Sajjadi S.E., Zeinvand H., **Shokoohinia Y.**, Zeinvand M. Isolation and identification of osthol from the fruits and essential oil composition of the leaves of *prangos asperula*. 16th Iranian Pharmacy Students Seminar. 2011. Abstract book p 150. Tehran, Iran.
* Gholamzadeh S., Sajjadi S.E., **Shokoohinia Y.** Introducing *Prangos ferulaceae* (L.) Lindl. As a source of medicinal coumarin, osthol. 16th Iranian Pharmacy Students Seminar. 2011. Abstract book p 150. Tehran, Iran.
* Gholamzedeh S., Sajjadi S.E., **Shokoohinia Y.** Introducing of *Peucedanum pastinacifolium* as a source of elemicine. 16th Iranian Pharmacy Students Seminar. 2011. Abstract book p 151. Tehran, Iran.
* Seidi S et al, **Shokoohinia Y**. Medicinal plant, *Echinophora platyloba*. 12th annual students research congress. 2011, Abstract book, Isfahan, Iran.
* **Shokoohinia Y**, Taglialatela-Scafati O, Munoz E, Sajjadi SE, Appendino G. Isolation & biological evaluation of a triterpenoid from fruits of wild caraway (*Bunium persicum* Boiss.). GA 2010: Abstract book. Berlin. Germany.
* **Shokoohinia Y**, Sajjadi SE, Mehr-Amiri P. Isolation of 3-butyliden-4,5-dihydro phthalide and steroids from *kelussia odoratissima*, a Persian food seasoning. GA 2010: Abstract book. Berlin. Germany.
* **Shokoohinia Y**, Taglialatela-Scafati O, Munoz E, Sajjadi SE, Zolfaghari B, Appendino G. *Euphorbia bungei* as a source of more than ten triterpenoids: Isolation, structure elucidation and anti-viral evaluation. IPSC 2010. Abstract book. Semnan, Iran.
* **Shokoohinia Y**, Taglialatela-Scafati O, Sajjadi SE, Zolfaghari B, Appendino G. Isolation and structure elucidation of cycloart-23-ene-3β,25-diol from *Euphorbia macroclada* and *Euphorbia bungei*. IPSC 2010. Abstract book. Semnan, Iran.
* **Shokoohinia Y**, Taglialatela-Scafati O, Sajjadi SE, Zolfaghari B, Appendino G. New jatrophanes from *Euphorbia bungei* Boiss. GA 2010: Abstract book. Berlin. Germany.
* **Shokoohinia Y**, Taglialatela-Scafati O, Sajjadi SE, Zolfaghari B, Appendino G. Premyrsinanes and deoxygenated phorboids from the Iranian spurge, *Euphorbia macroclada* Boiss. GA 2010: Abstract book. Berlin. Germany.
* **Shokoohinia Y**, Sajjadi SE, Zolfaghari B. 1-D NMR charachteristics of diterpenoids of *Euphorbia*. 1st Iranian seminar on phytochemistry: Abstract book. Shahid beheshti university, 11-13 December 2007.
* **Shokoohinia Y**, Shakeri M. New aspects of Myrrh in Iranian traditional medicine. ICTMM 2007: Abstract book. Malasia. 17-20 July 2007.
* Asghari Gh, **Shokoohinia Y**. Phytochemical analysis of *Pycnocycla spinosa*. 10th Iranian Pharmacy Students Seminar: Abstract book. Mashhad, Iran. 7-9 October 2004.
* Tabbakhian M, Daneshamuz A, **Shokoohinia Y**. Assay of coating of niosomes with polymers. 9th Iranian Pharmacy Students Seminar: Abstract book. Tabriz, Iran. 28-31 May 2003.
* Sadeghpur M, Mohammadian F, Sadeghi L, **Shokoohinia Y**. Artemesia and antimalarial products. 8th Iranian Pharmacy Students Seminar: Abstract book. kerman, Iran. 13-15 March 2002.

**Teaching experiences**

* Pharmacognosy I
* Pharmacognosy II
* Pharmacognosy, lab.
* Medicinal Plants
* Medicinal Plants, Lab.
* Instrumental analysis
* Instrumental analysis, lab.
* Pharmacy internship
* Phytochemistry
* Research methods
* Endnote reference manager
* Pharmacology

**Research Interests**

* Isolation and structure elucidation of terpenoids and coumarins from medicinal plants
* Spectroscopy analysis esp. NMR analysis of natural products esp. terpenoids
* Multidimensional chromatography
* Formulation of folk and traditional based herbal remedies