

In the name of Allah
Curriculum Vitae
2019

Personal Information:

First name: Abdolali

Last name: Mohagheghzadeh

Nationality: Iranian

Marital status: Married (2 Children)

Date of birth: 1968

Current position: Professor of Pharmacognosy and Head of Phytopharmaceuticals (Traditional Pharmacy) Department

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Educations:

1993: Doctor of Pharmacy (Pharm D.) from Kerman University of Medical Sciences
Pharm.D. thesis: Evaluation of phytochemicals and anti itching effect of (*Citrus bigaradia* Duh.); under supervision of Prof. Dr. F. Moattar and Dr. F. Sharififar

2000: Doctor of Philosophy (PhD) from Isfahan University of Medical Sciences
PhD thesis: Establishment of *Zataria multiflora* Boiss. *in vitro* cultures and comparison of produced secondary metabolites by *in vitro* cultures with those of the wild plant; under supervision of Dr. M.R. Shams Ardakani and Dr. A. Ghannadi

2001: Post doct from Heinrich-Heine-Universität Düsseldorf, Germany; Lignan production by plant tissue culture techniques; under supervision of Professor Dr. A.W. Alfermann

Activity

- Member of Iranian Herbal Pharmacopiea Comitee (1998-2000)
- Member of Central Committee for Talent Students Center of Shiraz University of Medical Sciences and Health Services (2000-2005)
- Head of the Department of Pharmacognosy (2001-2005)
- Member of Iranian Association of Pharmaceutical Sciences (2001-present)
- Vice for Student Affairs of Faculty of Pharmacy (2005)
- Vice for Education of Faculty of Pharmacy (2005-2010)
- Associate Editor of Iranian Journal of Pharmaceutical Scientists (2005-2013)
- Member of Culture and Civilization Committee of Islam and Iran (2006-2010)
- Head of the Department of Traditional Pharmacy (2007-present)

- Vice for Student and Culture Affairs of Shiraz University of Medical Sciences (2010-2013)
- Member of Pharmaceutical Sciences Research Center of Shiraz University of Medical Science
- Head of Technology Development Center of Medicinal Plants and Traditional Medicine (2012-present)
- Associate Member of Iranian Academy of Medical Sciences (2013-present)
- Head of Nurani Vessel Museum, Shiraz University of Medical Sciences (2013-2018)
- Editorial Board Member of Research Journal of Pharmacognosy
- Editorial Board Member of Trends in Pharmaceutical Sciences
- Editorial Board Member of Journal of Islamic and Iranian Traditional Medicine
- Editorial Board Member of Traditional and Integrative Medicine

Teaching Experience

Medicinal Plants
 Medicinal Plants Lab
 Pharmacognosy I
 Pharmacognosy II
 Pharmacognosy III Lab
 Biology I
 Biology II Lab
 Applications of Plant Cell Culture in Pharmacy
 Community Pharmacy Practice
 Biological Products
 Phytochemistry
 Medical Ethics
 Pharmacognosy (for Ph. D students of Pharmacology)
 Materia Medica (for Ph. D students of Traditional Medicine)
 History and Civilization of Islamic and Iranian Medicine (for Lecturers)
 Traditional Medical Literatures (for Ph. D. students of Tradicinal Persian Pharmacy)
 History of Iranian Medicine (for Ph. D. students of Tradicinal Persian Pharmacy)
 Materia Medica (for Ph. D. students of Tradicinal Persian Pharmacy)
 Phytotherapy (for Ph. D. students of Tradicinal Persian Pharmacy)
 Gharabadin Lab (for Ph. D. students of Tradicinal Persian Pharmacy)

Publications: Articles

1. Sharififar, F.; Moattar, F.; Mohagheghzadeh, A.: Study of antipruritic effect of *Citrus bigaradia*; Journal of Kerman University of Medical Sciences, 4: 26-31 (1997).
2. Mohagheghzadeh, A.; Shams-Ardakani, M.; Ghannadi, A.: Linalool-rich essential oil of *Zataria multiflora* Boiss. (Lamiaceae); Flavour and Fragrance Journal, 15: 119-22 (2000).
3. Mohagheghzadeh, A.; Shams-Ardakani, M.; Ghannadi, A.: Volatile constituents of callus and flower bearing tops of *Zataria multiflora* Boiss. (Lamiaceae); Flavour and Fragrance Journal, 15: 373-6 (2000).

4. Mohagheghzadeh, A.; Schmidt, T.J.; Alfermann, A. W.: Arylnaphthalene lignans from *in vitro* cultures of *Linum austriacum*. *Journal of Natural Products*, 65: 69-71 (2002).
5. Ghannadi A., Aghazari F., Mehrabani M., Mohagheghzadeh A., Mehregan I. Quantity and composition of the SDE prepared essential oil of *Nepeta macrosiphon* Boiss.; *Iranian Journal of Pharmaceutical Research*, 2: 103-5 (2003).
6. Mohagheghzadeh, A.; Shams-Ardakani, M.; Ghannadi, A.; Minaeian, M.: Rosmarinic acid from *Zataria multiflora* tops and *in vitro* cultures. *Fitoterapia*, 75: 316-322 (2004).
7. Mohagheghzadeh, A.; Hemmati, S.; Mehregan, I.; Alfermann, A.W.: *Linum persicum*: lignans and placement in Linaceae. *Phytochemistry Reviews*, 2: 363-369 (2003).
8. Shams-Ardakani, M.; Ghannadi, A.; Badr, P.; Mohagheghzadeh, A.: Biotransformation of terpenes and related compounds by suspension culture of *Glycyrrhiza glabra* L. (Papilionaceae). *Flavour and Fragrance Journal*, 20: 141-144 (2004).
9. Mohagheghzadeh, A.; Gholami, A.; Soltani, M.; Hemmati, S.; Alfermann, A.W. *Linum mucronatum* ssp. *mucronatum*: organ to organ lignan variations. *Zeitschrift für Naturforschung C*, 60c: 508-510 (2005).
10. Shams-Ardakani, M.; Hemmati, S.; Mohagheghzadeh, A.: Effect of elicitors on the enhancement of podophyllotoxin in suspension cultures of *Linum album*. *Daru*, 13: 56-60 (2005).
11. Ghasemi, Y.; Faridi, P.; Mehregan, I.; Mohagheghzadeh, A. *Ferula gummosa* fruits; an aromatic antimicrobial agent. *Chemistry of Natural Compounds*, 41: 311-314 (2005).
12. Wink, M.; Alfermann, A.W.; Franke, R.; Wetterauer, B.; Distl, M.; Windhövel, J.; Krohn, O.; Fuss, E.; Garden, H.; Mohagheghzadeh, A.; Wildi, E.; Ripplinger, P.: Sustainable bioproduction of phytochemicals by plant *in vitro* cultures: anticancer agents. *Plant Genetic Resources: Characterization and Utilization*, 3: 90-100 (2005).
13. Mohagheghzadeh, A.; Faridi, P.; Ghasemi, Y.: *Carum copticum* Benth. & Hook. essential oil chemotypes. *Food Chemistry*, 100: 1217-1219 (2007).
14. Mohagheghzadeh, A.; Hemmati, S.; Alfermann, A.W.: Quantification of aryltetralin lignans in *Linum album* organs and *in vitro* cultures. *Iranian Journal of Pharmaceutical Sciences*, 2: 47-56 (2006).
15. Mohagheghzadeh, A.; Faridi, P.; Shams-Ardakani, M.; Ghasemi, Y.: Medicinal smokes. *Journal of Ethnopharmacology*, 108: 161-184 (2006). (Review article)

16. Mohagheghzadeh, A.; Schmidt, T.J.; Bayindir, Ü.; Fuss, E.; Mehregan, I.; Alfermann, A.W.: Diarylbutyrolactone lignans from *Linum corymbulosum* in vitro cultures. *Planta Medica*, 72: 1165-1167 (2006).
17. Mohagheghzadeh A., Gholami A., Hemmati S., Shams-Ardekani MR., Schmidt TJ. and Alfermann AW. Root cultures of *Linum* spp. section *Syllinum* as rich sources of 6-methoxypodophyllotoxin *Z Naturforsch*, 62c: 43-49 (2007).
18. Shams-Ardakani, M.R.; Mohagheghzadeh, A.; Ghannadi, A.; Barati, A. Formation of glycyrrhizin by *in vitro* cultures of *Glycyrrhiza glabra* L. *Chemistry of Natural Compounds*, 43: 353-354 (2007).
19. Ghasemi, Y.; Faramarzi, MA., Arjmand, M.; Mohagheghzadeh, A.; Shokravi, S.; Morowat, MH. Side-chain cleavage and C-20 ketone reduction of hydrocortisone by a natural isolate of *Chroococcus disperses*. *Annals Journal of Microbiology*, 57: 577-581 (2007).
20. Varamini, P.; Doroudchi, M.; Mohagheghzadeh, A.; Soltani, M.; Ghaderi, A. Cytotoxic evaluation of four *Haplophyllum* species with various tumor cell lines. *Pharmaceutical Biology*, 45: 299-302 (2007).
21. Ghasemi, Y.; Moradian, A.; Mohagheghzadeh, A.; Shokravi, S.; Morowat, MH. Antifungal and antibacterial activity of the microalgae collected from paddy fields of Iran: characterization of antimicrobial activity of *Chroococcus disperses*. *Journal of Biological Sciences*, 7: 904-910 (2007).
22. Shams Ardekani, M.R.; Linley, P.A.; Harkiss. K.J.; Mohagheghzadeh, A.; Gholami, A.; Mosaddegh M. Biotransformation of monoterpenoids by suspension cultures of *Lavandula angustifolia*. *Iranian Journal of Pharmaceutical Sciences*, 3: 93-100 (2007).
23. Mohagheghzadeh A., Gholami A.; Hemmati S.; Dehshahri S. Bag culture: a method for root-root co-culture. *Z Naturforsch*, 63c: 157-160 (2008).
24. Faridi P, Ghasemi Y, Gholami A, Mehregan I, Mohagheghzadeh A. Antimicrobial essential oil from *Smyrniopsis aucheri*. *Chemistry of Natural Compounds*, 44: 116-118 (2008).
25. Ghasemi Y., Khalaj A.; Mohagheghzadeh, A.; Khosravi AR.; Morowat MH. Composition and antimicrobial activity of the essential oil and extract of *Hypericum elongatum*. *Journal of Applied Sciences*, 7: 2671-2675 (2008).
26. Mohagheghzadeh, A.; Zargaran, A.; Ghasemi, Y.; Morowvat, MH. Medical Ethics in Ancient Persia. *Quarterly Journal of Medical Ethics*, 2: 91-121 (2008).
27. Ghasemi Y.; Rasoul-Amini S.; Morowvat M.H.; Mosavi Azam S.B.; Shokravi S.; Mohagheghzadeh A.; Ghoshoon M.B.; Raei M.J. Bioconversion of hydrocortisone by unicellular microalga *Oocystis pusilla*. *Biotechnology*, 7: 293-298 (2008).

28. Ghasemi Y.; Khalaj A.; Mohagheghzadeh A.; Khosravi A. Composition and *in vitro* antimicrobial activity of the essential oil of *Achillea eriophora*. *Chemistry of Natural Compounds*, 44: 663-665 (2008).
29. Dehghanian A.; Abedtash H.; Faridi P.; Shams-Ardakani M.R.; Mohagheghzadeh A. Notes on Sharaen treatise from Tashrih al-Abdan Ensan. *Journal of Islamic and Iranian Traditional Medicine*, 1: 45-54 (2009).
30. Mohagheghzadeh A.; Dehshahri S.; Hemmati S. Accumulation of lignans by *in vitro* cultures of three *Linum* species. *Z Naturforsch*, 64c: 73-76 (2009).
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35. Pakshir K.; Akbarzadeh M.; Bonyadpour B.; Mohagheghzadeh A. *In vitro* activity and comparison of clotrimazol, fluconazol and nystatin against *Candida vaginitis* isolates in Shiraz, 2008. *Journal of Rafsanjan University of Medical Sciences*, 9:210-220 (2010).
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37. Faridi P.; Zarshenas MM.; Abolhassanzadeh Z.; Mohagheghzadeh A. Collection and storage of medicinal plants in the Canon of Medicine. *Pharmacognosy Journal*, 2: 216-8 (2010).
38. Mohagheghzadeh A.; Faridi P.; Ghasemi Y. Analysis of Mount Atlas mastic smoke: A potential food preservative. *Fitoterapia*, 81: 577-80 (2010).
39. Ghasemi Y.; Mohagheghzadeh A.; Ostovan Z.; Moshavash M.; Rasoul-Amini S.; Morowvat M.H. Biotransformation of some monoterpenoid ketones by *Chlorella vulgaris* MCCS 012. *Chemistry of Natural Compounds*, 5: 1-3 (2010).

40. Nimrooz M.; Salehi A.; Mohagheghzadeh A.; Kiani H.; Imanieh M.; Nejabat M. Didactic poem in traditional medicine: the study of Avicenna's poem on medicine. *Medical Ethics and History of Medicine*, 4:16-24 (2010).
41. Dehghanian A.; Abedtash H.; Faridi P.; Shams-Ardakani M.R.; Mohagheghzadeh A. Notes on Oradeh treatise from Tashrih al-Abdan Ensan. *Journal of Islamic and Iranian Traditional Medicine*, 1: 127-136 (2010).
42. Zarshenas MM.; Abolhassanzadeh Z.; Faridi P.; Mohagheghzadeh A. Ibn Sina's treaties on pulsology. *International Journal of Cardiology*, 146: 243-244 (2010).
43. Mohagheghzadeh A.; Dehghanian A.; Abedtash H.; Faridi P.; Shams-Ardakani M.R. Notes on Azol treatise from Tashrih al-Abdan Ensan. *Journal of Islamic and Iranian Traditional Medicine*, 1: 243-250 (2010).
44. Afsharypuor S.; Asghari Gh.; Mohagheghzadeh A.; Dehshahri Sh. Volatile constituents of the seed kernel and leaf of *Moringa peregrina* (Forssk.) Fiori, *Agricoltura*, cultivated in Chabahar (Iran). *Iranian Journal of Pharmaceutical Sciences*, 6: 141-144 (2010).
45. Mohagheghzadeh A.; Zargaran A.; Daneshamouz S. Cosmetic sciences from ancient Persia. *Pharmaceutical Historian* (London), 41: 18-23 (2011).
46. Zargaran A.; Daneshamouz S.; Mohagheghzadeh A. Medical education from ancient Persia. *Iranian Journal of Medical Education*, 11: 103 (2011).
47. Vahdani M.; Faridi P.; Zarshenas MM.; Javadpour S.; Abolhassanzadeh Z.; Moradi N.; Bakzadeh Z.; Karmostaji A.; Mohagheghzadeh A.; Ghasemi Y. Major compounds and antimicrobial activity of essential oils from five Iranian endemic medicinal plants. *Pharmacognosy Journal*, 3: 48-53 (2011).
48. Afsharypuor S.; Shams-Ardakani MR.; Mosaddegh M.; Ghannadi A.; mohagheghzadeh A.; Emami SA.; Sadeghpour O.; Afsharypuor N. Equable, inequable, and other human and drug temperaments. *Journal of Islamic and Iranian Traditional Medicine*, 2: 183-194 (2011).
49. Zargaran A.; Mehdizadeh A.; Yarmohammadi H.; Mohagheghzadeh A. Zoroastrian priests: ancient Persian psychiatrists. *American Journal of Psychiatry*, 162: 387 (2012).
50. Zargaran A.; Mehdizadeh A.; Zarshenas MM.; Mohagheghzadeh A. Avicenna (980–1037 AD). *Journal of Neurology*, 259:389–390 (2012).
51. Zarshenas MM.; Mehdizadeh A.; Zargaran A.; Mohagheghzadeh A. Rhazes (865–925 AD). *Journal of Neurology*, 260: (2012).
52. Zargaran A.; Zarshenas MM.; Mehdizadeh A.; Mohagheghzadeh A. Oxymel in medieval Persia. *Pharmaceutical Historian* (London), 42:11-13 (2012).

53. Zargaran A.; Mehdizadeh A.; Mohagheghzadeh A. Cataract surgery in Albucasis manuscript. Iranian Journal of Ophthalmology, 24:75-76 (2012).
54. Dehshahri Sh.; Afsharypuor S.; Asghari Gh.; Mohagheghzadeh A. Determination of volatile glucosinolate degradation products in seed coat, stem and *in vitro* cultures of *Moringa peregrina* (Forssk.) Fiori. Research in Pharmaceutical Sciences, 7: 51-56 (2012).
55. Dehshahri Sh.; Asghari Gh.; Afsharypuor S.; Mohagheghzadeh A. Volatile constituents of the seed Kernel and leaf of *Moringa peregrina* (Forssk.) Fiori, Agricult. cultivated in Chabahar (Iran). Research in Pharmaceutical Sciences, 7: 51-56 (2012)
56. Zargaran A.; Ahrnadi S.A.; Daneshamouz S.; Mohagheghzadeh A. Ancient Persian pharmaceutical vessels and tools in Iranian Archaeological museums. Pharmaceutical Historian (Lond) 42: 68-71 (2012).
57. Zarshenas M.M.; Arabzadeh A.; Ajdari Tafti M.; Kordafshari Gh.; Zargaran A.; Mohagheghzadeh A. Application of herbal exudates in Traditional Persian Medicine. Galen Medical Journal 1:78-83 (2012)
58. Zargaran A.; Mohagheghzadeh A. Jamasp, an ancient Persian pharmacist. Research on History of Medicine, 1: 3-6 (2012).
59. Zargaran A.; Ahmadi S.A.; Daneshamouz S.; Mohagheghzadeh A. Physicians in ancient Persia. Research on History of Medicine. 1: 67-79 (2012).
60. Dehshahri Sh.; Wink M.; Afsharypuor S.; Asghari Gh.; Mohagheghzadeh A. Antioxidant activity of methanolic leaf extract of *Moringa peregrina* (Forssk.) Fiori. Research in Pharmaceutical Sciences, 7: 111-118 (2012).
61. Faridi P.; Roozbeh J.; Mohagheghzadeh A. Ibn-Sina's life and contributions to medicinal therapies of kidney calculi. Iranian Journal of Kidney Diseases, 6: 339-345 (2012).
62. Zargaran A.; Zarshenas M.M.; Mehdizadeh A.; Kordafshari Gh.; Mohagheghzadeh. Avicenna's concept of cardiovascular drug targeting in *Medicamenta cordialia*. Research on History of Medicine, 2: 11-14 (2013).
63. Zarshenas M.M.; Hosseinkhani A.; Zargaran A.; Kordafshari Gh.; Mohagheghzadeh A. Ophthalmic Dosage Forms in Medieval Persia. Pharmaceutical Historian (London), 43: 6-8 (2013).
64. Zargaran A.; Zarshenas M.M.; Mehdizadeh A.; Mohagheghzadeh A. Management of Tremor in Medieval Persia. Journal of the History of the Neurosciences, 22: 53-61 (2013).
65. Mohagheghzadeh A.; Zarshenas M.M.; Petramfar P.; Firoozabadi A.; Moein M.R. Types of headache and those remedies in traditional Persian medicine. Pharmacognosy Review, 7: 8-17 (2013).

66. Faridi P.; Seradj H.; Mohammadi-Samani S.; Roozbeh J.; Mohagheghzadeh A. Elemental analysis, physicochemical characterization and lithontriptic properties of Lapis judaicus. *Pharmacognosy Journal*, (2013).
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68. Zargaran A, Fazelzadeh A, Mohagheghzadeh A. Surgeons and surgery from ancient Persia (5,000 years of surgical history). *World Journal of Surgery*, 37: 2002-2004 (2013).
69. Zarshenas M.M.; Abolhassanzadeh Z.; Faridi P.; Mohagheghzadeh A. Sphygmology of Ibn Sina, a message for future. *Heart Views*, 14: 155-158 (2013).
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71. Zarshenas M.M.; Zargaran A.; Müller J.; Mohagheghzadeh A. Nasal drug delivery in Traditional Persian Medicine. *Jundishapur Journal of Natural Pharmaceutical Products*. 8: 144-148 (2013).
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76. Abolhassanzadeh Z.; Aflaki E.; Yousefi Gh.; Mohagheghzadeh A. Peganum oil in Iranian Traditional Pharmacy. *Pharmaceutical Historian (London)*, (2014).
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78. Petramfar P.; Zarshenas M.M.; Moeine M.; Mohagheghzadeh A. Management of insomnia in Traditional Persian Medicine. *Forsch Komplementmed*, 21 (2014).

79. Akbarzade M.; Ghaemmaghani M.; Yazdanpanahi Z.; Zare N.; Azizi A.; Mohagheghzadeh A. The effect dry cupping therapy at acupoint bl23 on the intensity of postpartum low back pain in primiparous women based on two types of questionnaires, 2012; a randomized clinical trial. *International Journal of Community Based Nursing and Midwifery*, 2:1-9 (2014).
80. Zargarán A.; Zarshenas M.M.; Borhani-Haghighi A.; Mohagheghzadeh A. A Short Introduction to a 19th century Persian book on pulsology: Naeier Azam. *Journal of Research on History of Medicine*, 3: 21-24 (2014).
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83. Akbarzadeh M.; Zeinalzadeh S.; Zolghadri J.; Mohagheghzadeh A.; Farídí P.; Sayadí M. Comparison of *Elaeagnus angustifolia* extract and sildenafil citrate on female orgasmic disorders: A randomized clinical trial. *Journal of Reproduction and Infertility*, 15: 190-198 (2014).
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86. Hosseinkhani A.; Montaseri H.; Mohagheghzadeh A.; Seradj H.; Sodaifi M. Armanian Bole: a historical medicinal clay. *Pharmaceutical Historian (London)*, 44: 98-100 (2014).
87. Farídí P.; Moatamedi M.; Zarshenas MM.; Abolhassanzadeh Z.; Mohagheghzadeh A. Natural remedies in the Canon of Medicine for dentistry and oral biology. *Trends in Pharmaceutical Sciences*, 1: 1-4 (2015).
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89. Zargarán A.; Borhani-Haghighi A.; Farídí P.; Daneshamouz S.; Kordafshari Gh.; Mohagheghzadeh A. Potential effect and mechanism of action of topical chamomile

(*Matricaria chamomila* L.) oil on migraine headache: A medical hypothesis. *Medical Hypotheses*, 20:94-97 (2015).

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