

Curriculum Vitae

Mahdi Vazirian

Personal Information

First Name: Mahdi

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Gender: Male

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Date of birth: Jul.25.1982

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Education

2007–present: Ph.D. Student of Pharmacognosy, Department of Pharmacognosy, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran.

2001- 2007: Pharm. D. Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran.

2000: Diploma in Experimental Sciences.

Awards

1. Awarded as the **Grade Four** for 19th Ph.D. Course Entrance Exam of Pharmacognosy, June 2007.
2. Awarded as the **Grade One** for best poster presenter in 4th Global Summit on Medicinal and Aromatic Plants, Dec. 1-5, 2009, Kuching, Sarawak Malaysia.

Publications

Articles:

1. **Mahdi Vazirian**, Mahnaz Khanavi, Yaghoub Amanzadeh, Homa Hajimehdipoor, Quantification of Gallic acid in Fruits of three Medicinal Plants, *IJPR*, 10(2): 233-236 (2011).
2. Nasrin Samadi, Azadeh Manayi, **Mahdi Vazirian**, Mahtab Samadi, Zahra Zeynalzadeh, Zahra Saghari, Neda Abadian, Vali-O-Allah Mozaffarian, Mahnaz Khanavi, Chemical composition and antimicrobial activity of the essential oil of *Anthemis altissima* L. var. *altissima*, *Natural Product Research*, 26(20), 1931-1934. (2011).
3. Mahnaz Khanavi, Mana Moshteh, Azadeh Manayi, Mohamad Reza Shams Ardekani, **Mahdi Vazirian**, Yousef Ajani and Seyed Nasser Ostad, Cytotoxic activity of *Lythrum salicaria* L., *Research Journal of Biological Sciences*, 6(2), 55-57. (2011).
4. Katayoon Dastan, Akram Tehranifard, **Mahdi Vazirian**, Investigation of Antipseudomonal Activity of *Brassica Napus* L., *International Proceedings of Chemical, Biological & Environmental Engineering*, 19, 144-146. (2011).
5. **Mahdi Vazirian**, Somayeh Taheri Kashani, Mohammad Reza Shams Ardekani, Mahnaz Khanavi, Hossein Jamalifar, Mohammad Reza Fazeli, Abolfazl Najarian Toosi, Antimicrobial activity of lemongrass (*Cymbopogon citratus* (DC) Stapf.) essential oil against food-borne pathogens added to cream-filled cakes and pastries, *Journal of Essential Oil Research*, 24(6), 579-582. (2012).
6. Mohammad Abdollahi, Mahnaz Khanavi, Mansoureh Sabbagh-Bani-Azad, Amir Hossein Abdolghaffari, **Mahdi Vazirian**, *et al.* the benefit of galls of *Quercus brantii* Lindl. in murine colitis; Role of free gallic acid, *Archives of Medical Sciences* (2013). (Accepted).

7. Azadeh Manayi, Soodabeh Saeidnia, Mohammad Ali Faramarzi, Nasrin Samadi, Samineh Jafari, **Mahdi Vazirian**, Ardeshir Ghaderi, Tahmineh Mirnezami, Abbas Hadjiakhoondi, Mohammad Reza Shams Ardekani, Mahnaz Khanavi. A comparative study of anti-candida activity and phenolic contents of the calluses from *Lythrum salicaria* L. in different treatments. *Applied Biochemistry and Biotechnology*, DOI 10.1007/s12010-013-0185-3. (2013). (Accepted).
8. **Mahdi Vazirian**, Mohammad Sharifzadeh, Sasha Dianat, Azadeh Manayi, Ali Mousazadeh, Emran Habibi, Soodabeh Saeidnia, Yaghoob Amanzadeh, Anti-inflammatory effect, total polysaccharide, total phenol and antioxidant activity of aqueous extract of three Basidiomycetes, *Human and Experimental Toxicology* (2013). (Submitted).
9. **Mahdi Vazirian**, Saeid Mirhoseynian, Hamidreza Monsefeshahani, Quantification of Gallic acid in different cultivars of *Punica granatum* L. fruit peels, *Natural Product Research* (2013). (Short Communication, Submitted).
10. **Mahdi Vazirian**, Seyed Esmaeil Sadat Ebrahimi, Hamid Reza Monsef Esfahani, Mohammad Ali Faramarzi, Nasrin Samadi, Seyyed Aboulfazl Hosseini, Ali Asghari, Azadeh Manayi, Ali Mousazadeh, Mohammad Reza Asef, Emran Habibi and Yaghoob amanzadeh, Antimicrobial effect of different fractions of *Ganoderma lucidum* and its main compounds, *DARU Journal of Pharmaceutical Sciences* (2013). (Submitted).

Books:

1. Mohamad Reza Shams Ardekani, Mehran Mirabzadeh, **Mahdi Vazirian**, *et al.* Selected Monographs on traditional medicines (2011) (Under Compilation).
2. **Mahdi Vazirian**, Mohammad Tahvilzadeh, Mina Nirumand Cheraghi *et al.*, **Phytotherapy by the Most Common Medicinal Herbs of Iran**, Baraye Farda Publication, Tehran. (2012).
3. **Iranian Herbal Medicines, for Physicians, Mahdi Vazirian**, DPIC, Food and Drug Department, Ministry of Health and Medical Education (2011) (Under Edition).

Seminars and Presentations

1. **Mahdi Vazirian**, Yaghoob Amanzadeh, Mahnaz Khanavi, Homa Hajimahdipoor, Phytochemical analysis and Standardization of Triphala's three herbal fruits (Oral). **The First Congress of Phytochemistry (ISP 2007)**, , Shahid Beheshti University, Tehran, Iran (Dec. 11-13, 2007)

3. Mahtab Samadi, **Mahdi Vazirian**, Mahnaz Khanavi, Seyyed Naaser Ostad, Abbas Hajiakhundi, Investigation of Cytotoxic activity of *Stachys byzantina* (Poster). **The First National congress on Processing of Medicinal plants and Industrial Products.**, Gorgan, Iran (Mar 4-5, 2009).
4. **Mahdi Vazirian**, Mahnaz Khanavi, Seyyed Naaser Ostad, Abbas Hajiakhundi, Cytotoxic Activities Of Four *Stachys* Species, 8th International Symposium on the chemistry of Natural Compounds, 8th SCNC, Eskisehr, Turkey (Jun 15-17, 2009).
5. Azadeh Manayi, Mahtab Samadi, Mahnaz Khanavi, **Mahdi vazirian**, Nasrin Samadi, Zahra Saghari. Chemical Composition, antioxidant and antibacterial activity of the essential oil and extracts of *Anthemis altissima* L. var. *altissima* from Iran (poster). 4th Global Summit on Medicinal and Aromatic Plants, Kuching, Sarawak Malaysia (Dec 1-5, 2009)
6. 16th Iranian Pharmacy Students Seminar, Track-chair & Referee, Pharmacognosy (2011).
7. Azadeh Manayi, Sodabeh Saeidnia, Mohammad Ali Faramarzi, Samineh Jafari, **Mahdi Vazirian**, Ardeshir Ghaderi, Tahmineh Mirnezami, Mohammad Reza Shams Ardekani, Mahnaz Khanavi. Total Phenol Contents of the Calluses from *Lythrum salicaria* L. in Different Treatments. National congress on medicinal plants, May 16-17, 2012. Kish Island, Iran.

Projects

Scientific Research:

1. **Mahdi Vazirian**, Mahnaz Khanavi, Seyed Naser Ostad, Investigation on cytotoxic effects of *Stachys* species, **Vice-Chancellor for Research, Tehran University of Medical Sciences**, 2008.
2. Babak Mokhtari, **Mahdi Vazirian**, Homa Hajimahdipur, Maryam Shekarchi, Mohamad Hosayn Salehi, Gholamreza Amin, Phytochemical investigation of *Cuscuta chinensis* Lam., Tehran University of Medical Sciences (2008) (Completed).
3. Mahnaz Khanavi, Mohammad Ali Faramarzi, Nasrin Samadi, Azadeh Manayi, **Mahdi Vazirian**. Total Phenol Contents of the Calluses from *Lythrum salicaria* L. in Different Treatments. (2012). (Completed).

DMFs:

1. **Mahdi Vazirian**, Iman Vazirian, *et al.* A formulation for prevention and treatment of renal stones for Ebn-e-Masouye Co. (2011) (Under Evaluation of Stability).

Pharm. D. Thesis (as Assistant):

1. Babak Mokhtari, **Mahdi Vazirian**, Homa Hajimahdipur, Maryam Shekarchi, Mohamad Hosayn Salehi, Gholamreza Amin, Ethnobotanical, phytochemical and antioxidant activity investigation of *Cuscuta chinensis* Lam., Tehran University of Medical Sciences (2008) (Completed).
2. Somayeh Taheri Kashani, **Mahdi Vazirian**, Hosayn Jamalifar, Mohamad Reza Fazeli, Mohamad Hosayn Salehi Surmaghi, Mahnaz Khanavi, Study of preservative effect of aerial parts of Lemongrass (*Cymbopogon citrates* (DC. Ex Nees) Stapf.) in creamy confections (2009) (Completed).
3. Zahra Zeynal Zadeh, **Mahdi Vazirian**, Dina Dalili, Nasrin Samadi, Abbas Hadjiakhundi, Mahnaz Khanavi, Study of chemical composition and comparison between antimicrobial effect of total essential oil and one of its major compounds of aerial parts of *Anthemis altissima* L. var. *altissima* (2009) (Completed).
4. Hoseyn Mirhoseynian, **Mahdi Vazirian**, Mohamdreza Monsef Esfahani, Yaghoub Amanzadeh, Standardization of different Pomegranate products by quantization of hydrolysable tannins (2010) (Completed).
5. Asal Pashdar, **Mahdi Vazirian**, Gholamreza Amin, Nasrin Samadi, Antimicrobial effect of different fractions of *Trachyspermum ammi* against oral bacterial pathogens (2011) (Completed).
6. Somayeh Aalehabib, **Mahdi Vazirian**, Hosayn Jamalifar, Mohamad Reza Fazeli, Mohamad Hosayn Salehi Surmaghi, Mahnaz Khanavi, Study of preservative effect of aerial parts of *Cinnamomum zeylanicum* in creamy confections (2009) (Completed).
7. Seyyed Aboufazel Hoseyni, **Mahdi Vazirian**, Yaghoub Amanzadeh, Nasrin Samadi, Antimicrobial effect of different fractions of *Ganoderma lucidum* and its main compounds (2011) (Completed).
8. Reza Ziari, **Mahdi Vazirian**, Nasrin Samadi, Gholamreza Amin, Antimicrobial effect of different fractions of *Ganoderma applanatum* and its main components (2011) (In Progress).
9. Mehran Mohamadi, Mahdi Vazirian, Yaghoub Amanzadeh, Evaluation of antioxidant activity of *Origanum vulgare* var. *vulgare*, collected in Mazandaran, Iran (2012). (In Progress).

10. **Ali** Asghari, **Mahdi Vazirian**, Yaghoub Amanzadeh, Nasrin Samadi, Antimicrobial effect of main compounds of *Ganoderma lucidum* (2012) (Completed).

Educational Activities

1. **Applied Medicinal Plants Course**, Department of Pharmacognosy, Faculty of Pharmacy, Tehran University of Medical Sciences (2007- Present).
2. **Applied Materia Medica Course**, Department of Pharmacognosy, Faculty of Pharmacy, Tehran University of Medical Sciences (2008- Present).
3. **Introduction of Rational Therapy of Herbal products and Food Supplements**, Continuous Education Program for Pharmacists, Zahedan University of Medical Sciences, Code: 292318713 (2008).
11. **Introduction of Food Supplements**, Food and Drug Department, Ministry of Health and Education. Tehran, Iran. Code: 191128739 (Sep 7-8, 2008).
12. **Rational application of Food Supplements**, Continuous Education Program for Pharmacists, Urumiye University of Medical Sciences, (2009).
13. **Phytotherapy for Rheumatoid diseases**, Continuous Education Program for Pharmacists, Tehran University of Medical Sciences, Code: 39302011 (Sep 14, 2011).
14. **Phytotherapy for Respiratory tract diseases**, Continuous Education Program for Pharmacists, Tehran University of Medical Sciences, Code: 39302007 (Oct 3, 2011).

Professional Skills

1. **Processing of Medicinal plants and Industrial Products**, The First National congress on Processing of Medicinal plants and Industrial Products, Gorgan, Iran, Code: 293618704 (Mar. 2009).
2. **Research Methods in Pharmaceutical Sciences**, Pharmaceutical Sciences Research Center, Tehran University of Medical Sciences, Tehran, Iran (Oct.-Nov. 2007).

3. **Introduction of Analytical Methods**, Laboratory Research Center of Food and Drug Department, Ministry of Health and Education (Aug. 11-14, 2008 & Dec. 1-4, 2008).
4. **Educational Workshop on prevention of Type A Influenza**, Student Scientific Research Center, Tehran University of Medical Sciences, Tehran, Iran, No. P/910/10200 (Sep. 2009).
5. **Microsoft Office** (Word, Excel, Publisher, PowerPoint)
6. **Web and Weblog Design** (Persianherbal.ir, mahdivazirian.persianherbal.ir, etc.)

Memberships

1. Iranian society of Pharmacy (No. 10700).
2. Medical Council of the Islamic Republic of Iran (No. 13646).
3. Student's Scientific Research Center, Tehran University of Medical Sciences (Scientific Critic) (2009-present).