

Curriculum Vitae



Mitra Mehrabani

Sep. 2006



Name: Mitra Mehrabani (میترا مهربانی)

Place and Date of Birth: Tehran, 18th July 1971

Personal History

Address: Department of Pharmacognosy, Kerman Faculty of Pharmacy, Haft-bagh av., Kerman, Iran

Phone: +983413220001-3 & 09133439653

Email Address: mmehrabani@hotmail.com

Email Address2:

Homepage:

Educational History

a. Education (Academic Preparation)

Current Situation: Graduated

Minor Degree: Pharm. D. (Azad University of Tehran, Iran, 1994)

Major Degree: Ph.D. Pharmacognosy (Isfahan University of Medical Sciences and Health services, Iran 2003)

Present Position: Assistant Prof., Head of Pharmacognosy Department of Faculty of Pharmacy, Kerman University of Medical Sciences, Kerman, Iran

b. Theses

Title of Theses: Pharmacognostical study on *Salvia mirzayanii* Rech. & Esfand.

Degree: Pharm.D.

Supervisor(s): Prof. M.H. Salehi & G.R. Amin

Title of Theses: Pharmacognostical & Plant cell tissue culture studies of *Echium amoenum* Fisch. & Mey.

Degree: Ph.D.

Supervisor(s): Prof. N. Ghasemi ,Prof. S.E. Sajadi,Prof. A.R. Ghanadi , Prof. M.R. Shams Ardakani

Honors & Awards

Top of PhD course

Top of board exam in 1999 (I took the award of Ministry of Health and Medical Education)

Approved Projects & Proposals

1- Evaluation of hepatotoxicity of *Echium amoenum* flos drug in rats (2004 up now)

2- Identification of the componenets of the essential oil of *Nepeta dschuparensis* Bornm. By GC-MS (Completed)

Both in Kerman University of Medical Sciences

3-

Grants Received

Theses directed, supervised or consulted

1. Title of Theses: Study of some of the alkaloids of *Hyoscyamus squarrosus* was collected from Kerman

Degree/Level: Pharm.D.

Place: Kerman Faculty of Pharmacy

Role: Supervisor

Year: 2003

2. Title of Theses: Phytochemical study and antimicrobial effects of *Nepeta saccharata* was collected from Kerman.

Degree/Level: Pharm.D.

Place: Kerman Faculty of Pharmacy

Role: Supervisor

Year: 2003

3. Title of Theses: Phytochemical study of *Ducrosia anethifolia* (DC) Boiss. was collected from

Kerman.
Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2003

4. Title of Theses: Phytochemical study of *Nepeta depauperata* Benth. was collected from Kerman.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2003

5. Title of Theses: Study of some UV absorption ability and formulation of sunscreen gel of five medicinal plants and identification of SPF factor of them.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2004

6. Title of Theses: Study of some of the alkaloids of *Hyoscyamus senesionis* was collected from Kerman

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2004

7. Title of Theses: Orabase mucoadhesive past formulation of essential oil of myrtle.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2004

8. Title of Theses: Study of ant diabetic activities of *Salvia mirzayani* Rech. & Esfand. on blood sugar level of streptozocinated diabetic rats

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2004

9. Title of Theses: Phytochemical study of *Ducrosia assadii* Alava.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2005

10. Title of Theses: Phytochemical study of *Carthamus oxacantha* M.B.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2005

11. Title of Theses: Phytochemical study of *Nepeta rivularis* Bornm.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2005

12. Title of Theses: Phytochemical study of *Salvia rhytidea* Benth.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2005

13. Title of Theses: Essential oil composition and antibacterial activities of *Stachys acerosa* Boiss.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2005

14. Title of Theses: Primary phytochemical study and identification of some flavonoids of *Calendula persica* C.A. Mey.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2005

15. Title of Theses: Identifiacion of main component of the essential oil of *Dracocephalum polychaetum* Bornm.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor

Year: 2005

16. Title of Theses: Study of antibacterial compounds of *Hibiscus sabdariffa* L.

Degree/Level: Pharm.D.

Place: Kerman Faculty of Pharmacy

Role: Supervisor

Year: 2005

17. Title of Theses: Study of essential oil and flavonoids of *Dorema aucheri* Boiss. with antibacterial activities

Degree/Level: Pharm.D.

Place: Kerman Faculty of Pharmacy

Role: Supervisor

Year: 2005

18. Title of Theses: Essential oil composition of *Nepeta dschuparensis* Bornm. By GC-MS.

Degree/Level: Pharm.D.

Place: Kerman Faculty of Pharmacy

Role: Supervisor

Year: 2005

19. Title of Theses: Evaluation of systemic effects of herbal extracts on salivation in rats.

Degree/Level: DDS

Place: Kerman Dental School

Role: Supervisor

Year: 2005

20. Title of Theses: Evaluation of hepatotoxicity of decoct of *Echium amoenum* Fisch. & Mey. in rats.

Degree/Level: MD

Place: Kerman Medical School

Role: Supervisor

Year: 2006

21. Title of Theses: Study of some UV absorption ability and formulation of sunscreen stick of five medicinal plants and identification of SPF factor of them.

Degree/Level: Pharm.D.

Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2006

22. Title of Theses: Quantity and composition of the SDE prepared essential oil of *Micromeria persica* Boiss..

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2006

23. Title of Theses: Evaluation of plasma level of homocysteine of homodialysied patents in 1384 and the effects of vitamin therapia.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2006

24. Title of Theses: Evaluation of some UV absorption of ethyl acetate extracts in formulation of sunscreens of five medicinal plants and identification of SPF factor of them.

Degree/Level: Pharm.D.
Place: Kerman Faculty of Pharmacy
Role: Supervisor
Year: 2006

Publications

a. Books

Five monographs of "Iranian Herbal Pharmacopeias"

b. Articles

1. **Quantity and composition of the SDE prepared essential oil of *Nepeta macrosiphon* Boiss..**
"Ghannadi,A.", "Aghazari, F.", "Mehrabani, M.", "Mohagheghzadeh , A", "Mehregan, I".
Iranian Journal of Pharmaceutical Research 2003;2(2):103-105.
2. **Volatile constituents of a medicinal plant of Iran *Echium amoenum*.**
"Ghassemi, N.", "Sajjadi", E.", Ghannadi A.", " Shams-Ardakani , M.R.", "Mehrabani, M".
DARU 2003;11(1):32-33 .
3. **Essential oil composition of *Nepeta ispahanica*.**
"Sajjadi, E.", "Mehrabani, M.".
Research in Medical Sciences (In Persian) 2003;7((supp 2)):136-142.
4. **Chemical constituents of the essential oil of *Nepeta depauperata* from Iran.**
"Mehrabani, M." "Asadipour, A.", Saber-Amoli, S".
DARU 2004;12(3):98-100.
5. **Composition of the volatile oil of *Salvia mirzayanii* Rech. & Esfand. from Iran.**
"Asadipour, A." , "Mehrabani, M.", " Moghadaddasian, M." , " Ramazani, M." , "
Amanzadeh, Y. " , "Saber-Amoli, S".
Journal of Essential Oil Bearing Plants 2004;7(2):182-185,
6. **Antibacterial activity studies of *Salvia mirzayani* and *Salvia atropatana* against six standard gram positive and gram negative bacteria.**
"Moshafi, M.H.", "Mehrabani, M.", "Zolhasab, H".
Journal of Kerman University of Medical Sciences. (In Persian). 2004;11(2):109-118 .
7. **Composition of the essential oil of *Marrubium vulgare* L.**
"Asadipour, A." , "Mehrabani, M.", " Nazeri, V." , "Tabarraii, M."

- Pharmaceutical Sciences, Journal of Faculty of Pharmacy, Tabriz University of Medical Sciences (In Persian) 2005 ;Autumn & Winter (no 2): 77-82.
8. **Chemical composition of the essential oil of *Satureja hortensis* L. var. *laxiflora*.**
"Foroumadi, A." , "Asadipour, A." , " Maddah, B." , " Senemar, S." , "Mehrabani, M."
Chemistry: an Indian Journal 2005; 1(10): 701-702.
 9. **Main phenolic compound of petals of *Echium amoenum* Fisch.& C. A. Mey., a famous medicinal plant of Iran.**
"Mehrabani, M.". "Ghassemi, N.", "Sajjadi", E.", Ghannadi A.", " Shams-Ardakani , M.R."
DARU 2005;13(2):65-69.
 10. **Production of rosmarinic acid in *Echium amoenum* Fisch.& C. A. Mey. cell culture.**
"Mehrabani, M.". " Shams-Ardakani , M.R." , Ghannadi A.", "Ghassemi, N.", "Sajjadi", E."
Iranian Journal of Pharmaceutical Research 2005; 2: 111- 115.
 11. **Phytochemical studies of *Dracocephalum polychaetum* Bornm.**
"Mehrabani, M.", " Roholahi, S .", "Foroumadi, A."
Journal of Medicinal Plants.(In Persian). 2005; 16:36- 42.
 12. **Volatile oil composition of *Centaurea aucheri* (DC.) Wagenitz.**
"Asadipour, A." , "Mehrabani, M.". " Lari-Najafi M."
DARU 2005;13(4):160-4.
 13. **Evaluation of the analgesic effect of *Echium amoenum* Fisch.& C. A. Mey. Extract in mice: possible mechanism involved.**
"Heidari, M. R." , " Moein Azad, E." , "Mehrabani, M."
Journal of Ethnopharmacology 2006; 103:345-9.
 14. **Effects of methanolic extract of *Achillea wilhelmsii* C. Koch. on seizure induced by picrotoxin in mice.**
"Heidari, M. R." , " Ebrahimi, S." , "Mehrabani, M." , "Pardakhti, A." , " Vafazadeh, J."
Journal of Babol University of Medical Sciences (In Persian). 2005; 7 (4) :7-14.
 15. **Formulation and clinical evaluation of *Myrthus* Muco adhesive past in treatment of recurrent aphthous stomatitis.**
" Khazaeli, P." , "Chamani, G." , "Mehrabani, M.". " Mohammadi, N."
Beheshti University Dental Journal (In Persian). 2005; 23(3) : 429- 437.
 16. **Toxic pyrrolizidine alkaloids of *Echium amoenum* Fisch. & Mey.**
"Mehrabani, M.", "Sajjadi", E.", "Ghannadi A.", "Ghassemi, N.", " Shams-Ardakani , M.R."
DARU 2006; 14(3): 1-10.

Papers Presented

1. Author(s): "Mehrabani, M.", "Moshafi, M.H.", "Zolhasab, H.",
Title of Article: Antimicrobial phenolic compound of *Echium amoenum*
Fisch. & Mey.
Congress: Clinical and Experimental Pharmacology and Physiology
(CEPP)
Place: Brisbane, Australia
Type of Presentation: Poster
Year: Aug 1-6 2004

2. Author(s): "Mehrabani, M.", " Roholahi, S .", "Foroumadi, A."
Title of Article: Essential oil composition and two flavonoids of *Dracocephalum*
polychaetum Bornm.
Congress: 9th Seminar of Pharmaceutical Sciences
Place: Tabriz. IRAN.
Type of Presentation: Poster
Year: Aug 23-26 2004

3. Author(s): "Mehrabani, M.", "Ghassemi, N.", "Sajjadi", E.", Ghannadi A.", " Shams-
Ardakani , M.R."
Title of Article: Pyrolizidine alkaloids of a medicinal plant of Iran: *Echium amoenum*
Fisch. & Mey.
Congress: Brithish Pharmaceutical Congress (BPC)
Place: Manchester. England
Type Presentation: Poster
Year: Sep 27-29 2004

4. Author(s): "Mehrabani, M.", "Ghassemi, N.", "Sajjadi", E.", Ghannadi A.", "
Shams-Ardakani , M.R."
Title of Article: Rosmarinic acid from *Echium amoenum* Fisch. & Mey. a medicinal
plant.
Congress: 3rd International Congress of Health, Environment and Natural
Products.
Place: Mashhad. IRAN.
Type of Presentation: Poster

Year: Sep 25-28 2004

5. Author(s): "Moshafi, M.H.", "Mehrabani, M.", "Zolhasab, H."

Title of Article: Study of antimicrobial activity of *Verbascum thapsus* by bioautographic method.

Congress: 3rd International Congress of Health, Environment and Natural Products.

Place: Mashhad. IRAN.

Type of Presentation: Poster

Year: Sep 25-28 2004

6. Author(s): "Mehrabani, M.", "Ghassemi, N.", "Sajjadi", E.", Ghannadi A.", " Shams-Ardakani , M.R."

Title of Article: Callus culture of *Echium amoenum* Fisch. & Mey. and its major secondary metabolite.

Congress: 2nd International Congress on Traditional Medicine.

Place: Tehran-I.R. IRAN.

Type of Presentation: Poster

Year: Oct 4-7 2004

7. Author(s): " Khazaeli, P.", "Mehrabani, M.", "Abedini, A.", "Majd Zadeh, M."

Title of Article: Evaluation of sun protective activity of some medicinal herbs extracts.

Congress: 2nd International Congress on Traditional Medicine.

Place: Tehran-I.R. IRAN.

Type of Presentation: Poster

Year: Oct 4-7 2004

8. Author(s): "Mehrabani, M."

Title of Article: Sugar from *Echium amoenum* C.A. Mey & Fisch.

Congress: The 2nd Symposium of Medicinal Plants.

Place: Tehran-I.R. IRAN.

Type of Presentation: Poster

Year: Jan 26-27 2005

9. Author(s): "Asadipour, A.", "Mehrabani, M.", " Adineh, A.", " Paya, M."

Title of Article: Chemical constituents of essential oils of *Nepeta rivularis* Bornm. and *Salvia rhytidea* Benth.

Congress: The 2nd Symposium of Medicinal Plants.

Place: Tehran-I.R. IRAN.

Type of Presentation: Poster

Year: Jan 26-27 2005

10. Author(s): "Mehrabani, M." "Asadipour, A.", "Saber-Amoli, S."
Title of Article: Volatile oil composition of *Thymus fedtschenkoi* Ronneger. from Iran.
Congress: 5th International Congress of Ethno botany (ICEB 2005)
Place: Istanbul, Turkey.
Type of Presentation: Poster
Year: Aug 21-26 2005

11. Author(s): "Moshafi, M.H.", "Mehrabani, M.", "Zolhasab, H."
Title of Article: Antibacterial activity of petals of *Echium amoenum* C.A. Mey & Fisch.
Congress: 5th International Congress of Ethno botany (ICEB 2005)
Place: Istanbul, Turkey.
Type of Presentation: Poster
Year: Aug 21-26 2005

12. Author(s): " Khazaeli, P." , "Chamani, G." , "Mehrabani, M." . " Mohammadi, N."
Title of Article: Formulation and clinical evaluation of *Myrthus* Muco adhesive past in treatment of recurrent aphthus stomatitus.
Congress: 5th International Congress of Ethno botany (ICEB 2005)
Place: Istanbul, Turkey.
Type of Presentation: Poster
Year: Aug 21-26 2005

13. Author(s): "Asadipour, A." , "Mehrabani, M." , " Shams, A." , "Saber-Amoli, S."
Title of Article: Chemical constituents of essential oil of *Nepeta assurgens* Haussku. & Bornm. from Iran.
Congress: 5th International Congress of Ethno botany (ICEB 2005)
Place: Istanbul, Turkey.
Type of Presentation: Poster
Year: Aug 21-26 2005

14. Author(s): "Asrar, Z." , " Mehrabani, M." , " Rashidi, M."
Title of Article: Studies on the effect of excess copper on the pigments and essential oil of *Mentha spicata*.
Congress: 5th International Congress of Ethno botany (ICEB 2005)
Place: Istanbul, Turkey.
Type of Presentation: Poster
Year: Aug 21-26 2005

15. Author(s): " Mehrabani, M." , " Heidari, M.R." , "Mirmalek, A." , " Mahdavi, Z."

Title of Article: Anti-hyperglycemic activity of *Salvia mirzayani* Rech.& Esfand.
Congress: 17th Iranian Congress of Physiology & Pharmacology
Place: Kerman. IRAN.
Type of Presentation: Poster
Year: Oct 1-4 2005

16. Author(s): "Asadipour, A." , "Mehrabani, M." , "Kharazmi,R." , " Mahdavi, Z."
Title of Article: Essential oils Composition of *Acinus graveolens* (M.B.) Link From Kerman.
Congress: 17th Iranian Congress of Physiology & Pharmacology
Place: Kerman. IRAN.
Type of Presentation: Poster
Year: Oct 1-4 2005

Media & Software

Win XP, Microsoft office 2003, Photoshop CS 8, SPSS 12, ClassVP solution (HPLC), Labsolution (GC-MS)

Tests & Techniques

HPLC, GC, GC-MS, UV spect and IR Instruments operation (all from Shimadzu Company)
Plant cell tissue culture

Professional Membership

Name of Association: International Federation of Pharmacist (FIP)
Site of Association: Netherlands
Position: member
For: till now
Year: 2005

Name of Association: American Chemical Society (ACS)
Site of Association: USA
Position: member
For: till now
Year: 2003

Name of Association: Iranian Association of Pharmacognosy Scientists
Site of Association: Iran
Position: member
For: till now
Year: 2001

Name of Association: Iranian Association of Pharmacist

Site of Association: Iran

Position: member

For: till now

Year: 1994

Professional Interests

Phytochemical analysis, Fractionation of plant extracts, Plant cell tissue culture, Plants and cosmetic, Traditional Medicine.