



Prof. Mohammad Azadbakht

Mazandaran University of Medical Sciences

Email: [azadbakhtm@hotmail.com](mailto:azadbakhtm@hotmail.com)

Tell: 011-33543728- 33542472, Fax: 011- 33543084

Address :Mazandaran University of Medical Sciences, Faculty of Pharmacy ,17th Km farah abad Bolvd, Sari, Iran.

Birthday :1960, Birth Place :Mazandaran-Neka

**Teaching :**

1995–2015:Instructor of pharmacognosy, medicinal plants, phytochemistry, Biological drugs in Faculty of pharmacy, Mazandaran university of Medical sciences, Sari, Iran.

1995-2015:Instructor for research projects of undergraduate pharmacy students and advisor of 120 research fellows in natural products and Medicinal plants

**Research:**

1995-2016: Supervisory for M.Sc. thesis about natural products and medicinal plants with pharmacy, medicine, and post graduate medicine, Animal physiology, biochemistry & parasitology students

1995-2016 : Research on ethno pharmacology (effects of natural product, in vitro and in vivo)

1995-2016: Research on quantitative and qualitative analysis of herbal drugs

1995-2016: Research on formulation and preparation of herbal drugs

**Editorial:**

1999: Writing a book as title: classification of Medicinal plants

2005: Translation of a book as title: Preparative chromatography techniques

2013: Writing a book as title: Medicinal plants systematic according to APG

2016: Writing a book as title: World's Food and Drug System

2018: Writing a book as title: Materia Medica of Persian medicine

**Publications:** (Full paper) (Some of Them)

1. Ebrahim Nasiri, Seyed Jalal Hosseinimehr, Mohammad Azadbakht, Jafar Akbari, Reza Enayati-Fard, Sohail Azizi, Masoud Azadbakht. The Healing Effect of Arnebia Euchroma Ointment versus Silver Sulfadiazine on Burn Wounds in Rat.wjps.ir /Vol.4/No.2/July Page 134-144, 2015.
2. N. Hosseinpour Azad, Gh.A. Nematzadeh, M. Azadbakht, S.K. Kazemitabar and E. Shokri. Genetic diversity in several *Echium amoenum* Fisch& Mey. ecotypes from western and northern regions of Iran via RAPD markers.. Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research Vol. 19, No. 1, 2011.
- 3- Ebrahim Nasiri, Seyed Jalal Hosseinimehr, Mohammad Azadbakht, Jafar Akbari, Reza Enayati-fard and Sohail Azizi. The effect of Terminalia chebula extract vs. silversulfadiazine on burn wounds in rats. J Complement Integr Med. 12(2): 127–135, 2015.
- 4- Ebrahim Nasiri<sup>1</sup>, Seyed Jalal Hosseinimehr, Mohammad Azadbakht, Jafar Akbari, Reza Enayati-fard, Sohail Azizi. Effect of Malva sylvestris cream on burn in jury and wounds in rates. AJP, Vol. 5, No. 4, Jul-Aug 341-354, 2015.
- 5- Mohammad Azadbakht, Leila Moezi, Seyyed Mohammad Hossein Tabaei. Phytochemical Analysis of Rhamnus cornifolia. J Mazandaran Univ Med Sci. 25 (122): 292-306, 2015 (Persian)
- 6- Mohammad Azadbakht, Seyede Mobina Mirjani, Majid Yousofi, Mina Amini. Drugs Prescription and Consumption in Mazandaran Province. J Mazandaran Univ Med Sci 25 (122): 44-52, 2015 (Persian)
- 7- Mehran Zarghamia, Aroona Chabra, Mohammad Azadbakht, Alireza Khalilian, Ali Asghar Hoseini. Antidepressant Effect of *Asperugo procumbens* L. in Comparison with

- Fluoxetine: a Randomized Double Blind Clinical Trial, Research Journal of Pharmacognosy (RJP) 5(3), 2018: 15-20
- 8- Shirzad Gholami, Mohammad Azadbakht, Hajar Ziaei Hezarjaribi, Bahman Rahimi-Esboei. Anti-Giardial Activity of Chloroformic Extract of *Tanacetum parthenium* and *Artemisia annua* in vitro. Research in Molecular Medicine. Vol 2, Issue 1, pages 45-50, 2014.
  - 9- Maryam Nikpour, Marjan Ahmad Shirvani, Mohammad Azadbakht, Roya Zanjani, and Ensieh Mousavi. The Effect of Honey Gel on Abdominal Wound Healing in Cesarean Section: A Triple Blind Randomized Clinical Trial. Oman Medical Journal Vol. 29, No. 4:255-259, 2014.
  - 10- Ahmadi M, Ranjbaran H, Azadbakht M, Heidari Gorji MA, Heidari Gorji AM. A Survey of characteristics of SelfImmolation in the Northern Iran. Annals of Medical and Health Sciences Research, Sep-Oct Vol 4 Special Issue 3. 228-2, 2014
  - 11- M. Azadbakht, vahid Khori, Seyedehhadiseh Hashemian, Mona Pourabouk, Maryam Rajaei. Digitalis. Iranian journal of physiology and pharmacology.2015(Accepted)
  - 12- Marzieh Karimi, Seyed Kamal Kazemitabar, Mohammad Azad Bakht and Ghorbanali Nematzadeh. Tissue Cultur Studty in Foxglove Plant (*Digitalis Nervosa* Staud & Hochst). Journal of Crop Breeding Vol. 6, No. 13, Spring and Summer Pages 18-28, 2014.
  - 13- Seyedeh-Atefeh Mirshafa, Mohammad Azadbakht and Nematollah Ahangar. Study of Antidepressant and Sedative-Hypnotic Activity of Hydroalcoholic Extract of *Asperugo procumbens* L. Aerial Parts in Mice. Iranian Journal of Pharmaceutical Research 12 (3): 529-535, 2013.
  - 14- M. Mohammadpour, A. Ghasemnejad, M.H. Lebaschy, B. Abbaszadeh and M. Azadbakht. Effects of sowing date and plant density on morphological characteristics and yield of Summer savory (*Satureja hortensis* L.). Iranian Journal of Medicinal and Aromatic Plants, Vol. 29, No. 3, Pages: 621-634, 2013(Persian).
  - 15- Nasiri E, Hosseinimehr SJ, Azadbakht M, Madani SA. Survey of the Burn Wound Healing by Iranian Traditional Medicine from the Herbalists or Herbal Medicine Vendors in the Mazandaran Province. Journal of medical plants, 4 (48):136-149, 2013.
  - 16- Mohammad Shokrzadeh, Mohammad Azadbakht, Saied Abadean, Mohammad Ali Abotorabi. The Effect of *Diospyros lotus* on Liver Glutathione Level in Mice

- Administered by *Senecio vulgaris* Extract. *J Mazandaran Univ Med Sci*, 23 (98): 200-206, 2013 (Persian).
- 17- Reza Enauyatifard, Mohammad Azadbakht and Yousef Fadakar. Assessment of Ferula Gummosa Gum as a Binding Agent in Tablet Formulations. *Acta Poloniae Pharmaceutica n Drug Research*, Vol. 69 No. 2 pp. 291-298, 2012
- 18- Mohammad Ahmadi, Hossein Ranjbaran, Marzeih Momeninejad Amiri, Jamshid Nozari, Mohammad Reza Mirzajani, Mohammad Azadbakht, Seyed Jalal Hosseinimehr. Epidemiologic and Socioeconomic Status of Bladder Cancer in Mazandaran province, Northern Iran. *Asian Pacific Journal of Cancer Prevention*, Vol 13, Pages 5053-5056, 2012
- 19- N. Hosseinpour Azad, Gh.A. Nematzadeh, M. Azadbakht, S.K. Kazemitabar and E. Shokri. Investigation on fatty acids profile in two ecotypes of Iranian. *Echium amoenum* Fisch & Mey. *Iranian Journal of Medicinal and Aromatic Plants*, Vol. 27, No. 4, 587-559, 2012.
- 20- Bahman Rahimi-Esboei, Shirzad Gholami, Mohammad Azadbakht, Hajar ziaei. Effect of Hydroalcoholic extract of *Artemisia annua* on cysts of *Giardia lamblia* in *Invitro*. *J Mazandaran Univ Med Sci* 22 (90): 72-80, 2012 (Persian).
- 21- N. Hosseinpour Azad, Gh.A. Nematzadeh, M. Azadbakht, S.K. Kazemitabar and E. Shokri. Genetic diversity in several *Echium amoenum* Fisch & Mey. ecotypes from western and northern regions of Iran via RAPD markers. *Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research* Vol. 19, No. 1, Pages: 1-12, 2011.
- 22- A Hashemi, S Abediankenari, M Ghasemi, M Azadbakht, Y Yousefzadeh, AA Dehpour. The Effect of Fig Tree Latex (*Ficus carica*) on Stomach Cancer Line. *Iran Red Crescent Med J*, 13(4):272-275, 2011.
- 23- M. Azadbakht, S.J. Hosseinimehr, M. Shokrzadeh, E. Habibi, A. Ahmadi. *Diospyros lotus* L. fruit extract protects G6PD-deficient erythrocytes from hemolytic injury in vitro and in vivo: prevention of favism disorder. *European Review for Medical and Pharmacological Sciences*. 15: 1270-1281, 2011
- 24- Vahid Khori, Mohammad Azadbakht, Mohsen Nayebpour, Amir Hossein Jamshidi, Mona Pourabouk, Ali Mohammad Alizadeh, Fakhri Badaghabadi, Shima Changizi, Maryam Rajaei. Frequency-dependent anti arrhythmic effects of *Crataegus monogyna* on

- the extracellular field potential recordings in the rabbit atrioventricular node, an experimental model of AF. *Physiology and Pharmacology*, 15 (1), 36-46, 2011.
- 25- S. Amiri, S.K. Kazemitabaar, G.A. Ranjbar and M. Azadbakht. The effect of different carbon sources and concentrations, and growth regulators on another culture and embryogenesis of *Datura stramonium* L. *J. of Plant Production*, Vol. 18(2), pages 77-92. 2011.
- 26- S. Amiri, S. K. Kazemitabaar, G. Ranjbar, M. Azadbakht. The effect of Trifluralin and colchicine treatments on morphological characteristics of jimsonweed (*datura stramonium l.*). *Trakia Journal of Sciences*, Vol. 8, No 4, pp 47-61. 2010.
- 27- S.J. Hosseinimehr, M.Azadbakht, S.M.Mousavi, A.Mahmoudzadeh and S. Akhlaghpour: Radioprotective effects of Hawthorn fruit extract against gamma irradiation in mouse bone marrow cells, *J.Radiat.Res.*, Vol.48, No.1, 63-68, 2007.
- 28- H.Ziaye, M.Azadbakht, F.Abdollahi and B.Shabankhani: Effect of methanolic extract of *Artemisia aucheri* Boiss, *Zataria multiflora* Boiss and *Myrtus communis* L. on *Trichomonas vaginalis* (In Vitro), *Journal of Gorgan University of Medical Sciences*, Vol.8,No. 1, 34-38, 2006(Persian).
- 29- M.Azadbakht, M.H.Tabaei, H.Kivani: Extraction, Identification and activity determination of Papain from Iran, *Journal of Mazandaran university of Medical Science*, Vol.16. No.54, 21-26, 2006(Persian).
- 30- M.A.Ebrahimzadeh, M.Azadbakht: Extraction and comparison of amount of pectin, degree of estrification and galacturonic acid content in some Citrus fruit peels, *Journal of Mazandaran university of Medical Science*, Vol.16. No.54, 52- 59, 2006(Persian).
- 31- A. Madani, M.Azadbakht, M. Kosarian, P. Rabie and A.R.Khalilian: *Origanum vulgare* inhaler in the treatment of chronic rhino sinusitis, A double blind placebo controlled clinical trial, *Int.J.of Biol.Biotech.* 3(3): 547-550,2006.
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- 33- M.Azadbakht, M.A.Ebrahimzadeh, S.Koolayan: Extraction of lignin from wood dust and preparation of vanillin from it, pharmaceutical sciences, *Journal of faculty of pharmacy, Tabriz university of medical sciences*, Autumn & Winter, No.2, 33-38, 2005(Persian).

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- 35- M.Azadbakht, A.Marston, K.Hostettmann, Soddad Ebrahimi: Isolation of two naphthalene derivatives from *Pterocarya fraxinifolia* leaf and evaluation of their biological activities, *Chemistry: An Indian Journal*, vol.1 (12), 780-783,2005
- 36- M.Sharif, H.Ziaei, M.Azadbakht, S.Gholami, A.R.Khalilian: Relationship between Giardiasis an amount of Zinc, Iron elements in babies below 12 years old, *Journal of Gorgan University of Medical Sciences*, Vol.14, 87- 91, 2005
- 37- M.Azadbakht, M.Hosseinzadeh: Comparison of tropane alkaloids and hyoscyamine in *Datura* species from north of Iran, *Chemistry: An Indian Journal*, vol.1 (11), 738-740,2005
- 38- M.Azadbakht, M.Hosseinzadeh: Quantification of tropane alkaloids by titration and hyoscyamine by HPLC in *Datura* species from north of Iran, *Journal of Mazandaran university of Medical Science*, Vol.15, No.48,32-37,2005
- 39- M.Azadbakht, N.Pishva, S.Mohammadi-Samani, F.Alinejad: Effect of Purgative manna on infant joundice, *Iranian Journal of Pharmaceutical Sciences*, Vol.1(2), 95 – 100,2005
- 40- M.Azadbakht, H.Ziaei, Z.Yosofi, B.Shabankhani, A,Mehralian: Evaluation of Chubak aqueous extract in parasite decontamination on vegetables and comparison with commercial detergent in Sari, *Journal of medicinal plants*, Vol.4, No.15, 51-58, 2005(Persian).
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- 42- Shoorideh Z.M., Azadbakht M., Zarifkar A., Jafari A., and Hossienie Sh.: The Effect of "*Vitex Agnus Castus*" Folio Extract on Serum Prolactin Concentration of Female Rats in Gastation, *Journal of Iranian biology*, Vol.20, No.1, 99-109, 2007(Persioan).
- 43- M.A.Ebrahimzadeh, M.Azadbakht and K.Khani: Determination of Caffeine contents in different sorts of Tea in Iran, *Int.J.of Biol.Biotech.* 2(4): 991-993, 2005
- 44- M.Azadbakht, M.Ramezani, M. Jahromi: Identification and determination of phenol glycoside arbotin in the leaf of *Pyrus boissieriana* by two method of HPLC and

- spectrophotometry, Nameh Daneshgah, Journal of Mazandaran university of Medical Sciences 2004; 13: 41,1-7 (Persian).
- 45- M.Azadbakht, H.Ziaei, F.Abdollahi, B.Shabankhani: Effect of essential oil and methanolic extract of *Myrtus communis* on *Trichomonas vaginalis*, Journal of Gillan university of Medical Sciences 2004; 12(48); 1-5(Persian).
- 46- M.J. Golalipour, V.Khori, R.Azarhoush, M.Nayebpour, and M.Azadbakht: Effect of *Achilla santolina* on mice spermatogenesis, Daru 2004; 12(1): 36-39.
- 47- M.Azadbakht, J.Akbari, S.Passandi: Formulation of herbal antiperspirant from *Parotia persica* (*Hamamelis persica*) and preliminary clinical trial, Journal of medicinal plants 2004; 2(9): 35-42(Persian).
- 48- M.Azadbakht, A.Marston, K.Hostettmann, M.Ramezani: Biological activity of leaf extract and phenol glycoside arbutin of *Pyrus boissieriana*, Journal of medicinal plants 2004; 3(10): 9- 14(Persian).
- 49- M.Azadbakht, K.Morteza-Semnani, N.Khansari: Composition of essential oil of *Artemisia aucheri* Boiss from dried flowering tops, Chemistry: An Indian Journal 2004; 1(9): 632-634.
- 50- M.Azadbakht, M.A.Ebrahimzadeh, S.Koolayan: Preparation of lignin from wood dust as vanillin source and comparison of different extraction method, Int.J.of Biol.Biotech 2004; 1(4): 535-537.
- 51- K.Morteza-Semnani, M.Azadbakht, A.Goodarzi: The essential oils composition of *Phelomis herba-veuti* L. leaves and flowers of Iranian origin, Flavour and Fragrance Journal 2004; 19: 29-31.
- 52- M.Azadbakht, Sajjadi S.M, Rostami J.: Giardiacidal activity of three *Allium* species on *Giardia intestinalis* cysts, Iranian Journal of Basic Medical sciences, Mashhad university of medical sciences 2003; 6(3): 184-188 (Persian).
- 53- Bahri Najafi R, Azadbakht M, Sodagar R: Effect of essential oils from some medicinal plants on giardia cyst in comparison with metronidazol, Isfahan University of Research Bulletin 2003; 17(2): 199-206 (Persian).
- 54- Azadbakht M, Tabaei M.H, Sabet ahde Jahromi Z: Comparison of extraction and isolation of pectin from *Citrus decumana* fruit, pharmaceutical sciences, Journal of

- faculty of pharmacy, Tabriz university of medical sciences, Spring & summer 2003; 1: 21-28(Persian).
- 55- Morteza Semnani K, Azadbakht M, Saeedi M, Rohanifard S: Evaluation of herbal gel from chamomile and Myrrh on paederus dermatitis, Journal of Medical plants 2003; 12(5): 31-42(Persian).
- 56- J.Izadi, M.Sharif, A.R.Khalilian, H.Ziaei, M.Azadbakht: Study on antihelmintic effect of Achilla milefolium on oxyuris, Nameh Daneshgah, Journal of Mazandaran university of Medical Sciences 2003; 13(40): 27-35 (Persian).
- 57- M.Azadbakht, M.Talavaki: Qualitative and quantitative determination of pyrrolizidine alkaloids of wheat and flour contaminated with Senecio in Mazandaran province farms, Iranian journal of pharmaceutical research (IJPR) 2003; 2(2): 179-183.
- 58- K.Morteza-Semnani, M.Azadbakht, A.Hoshmand: Composition of the essential oils of aerial parts of Eryngium bungei Boiss. And Eryngium caeruleum M.B., pharmaceutical sciences, Journal of faculty of pharmacy, Tabriz university of medical sciences 2003; 1: 43-48 (Persian).
- 59- M.Saeedi, M.Azadbakht, K.Morteza-emnani, M.Khandan: Formulation of herbal toothpaste from chamomile and myrrh, A preliminary clinical evaluation on bleeding gum, Nameh Daneshgah, Journal of Mazandaran university of Medical Sciences 2003; 13(40): 61-69 (Persian).
- 60- M. Soveid, A.Ansari, M.Azadbakht, G.H.Omrani, S.M. Samani: The effect of extract of Toucrium polium on blood sugar and insulin levels of type 2 diabetic patients. Iranian red crescent medical journal (IRCMJ) 2002; 5 (1): 13-15.
- 61- M.Azadbakht, K.Morteza-Semnani, N.Khansari: The essential oil composition of Achilla wilhelmsi leaves and flowers, Journal of medicinal plants 2003; 2(6): 55-59 (Persian).
- 62- M.Azadbakht, H.Ziaei, F. Abdollahi, B.Shabankhani: Effect of essential oils of Artemisia, Zataria and Myrtus communis on Trichomonas vaginalis, Journal of medicinal plants 2003; 2(8): 35-40(Persian).
- 63- N.Ghasemi dehkordi, S.E.Sadjadi, A.Ghannadi, Y.Ammanzadeh, M.Azadbakht, G.Asgari, G.Amin, A.Hajakhondi and A.M.Taleb: Iranian herbal pharmacopoeia, Hakim research journal 2003; 6(3): 63-69 (Persian).



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- 65- M. Azadbakht, K. Morteza, M. Saeedi, N. Yousefi. : Evaluation of herbal gel from chamomile, myrrh and peppermint on minor aphthous, pharmaceutical Sciences, Journal of faculty of pharmacy, Tabriz University of medical Sciences 2002; 1: 1-12(Persian).
- 66- M.Saeedi,K.Morteza-emnani, M.Azadbakht,M.Khandan: Evaluation of herbal toothpaste from Chamomile, Myrh and Peppermint on sensitive teeth. Journal of Mazandaran university of Medical Sciences 2003; 13(40): 61-69 (Persian).
- 67- M.Azadbakht, N. Ghassemi: Identification of cardiac glycosides of Iranian Digitalis species by HPLC, Nameh Daneshgah, Journal of Mazandaran university of Medical Sciences 2001; 11(31): 25-31 (Persian).
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- 69- Z. Amirghofran. , M. Azadbakht, H. Karimi: Evaluation of the immunomodulatory effects of five herbal plants, Journal of ethno pharmacology 2000; 72: 167-172.
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- 75- M.Azadbakht: Islam recommendations on health, nutrition and protection from diseases, Medical History in Islam and Iran 1995; 906-918 (Persian).
- 76- M. Azadbakht, Iranian Digitalis species, Journal of Razi 1994; June, (Persian).
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- 90- E. Nasiri, S.J. Hosseinimehr, M. Azadbakht, S. A. Madani. A review of natural products for burn healing based on the Iranian traditional medicine. *Journal of Mazandaran university of Medical Science* 2014; 23(110): 256-273, (Persian).
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- 94- Laleh Vahedi Larijani, Maryam Ghasemi, Saied Abediankenari, Farshad Naghshvar, Mohammad Azadbakht, Jamshid Yazdani Cherati, Hamzeh Nasiri. *The Study of the Effects of Four Avocado Extracts in Esophagus Squamous Cell Carcinoma*. *Journal of Mazandaran university of Medical Sciences* 2013; 23(2): 48-54 (Persian).

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