

Curriculum Vitae

Name **Mohammad Ali Farboodniay Jahromi**

E- Mail Address farboodnia@sums.ac.ir
mfarboodnia@gmail.com

Contact Tel. 071-32424128 # 206

Educational Qualifications

2011- Present Member of Faculty, Medicinal Plants Processing Research Center, Shiraz University of Medical Sciences, Shiraz- Iran.

1996 - 2011 Member of Faculty, Dept. of Chemistry & Chemical Engineering, Fars Technoloical & Environmental Research Center (FTERC), Fars Science & Technology Park, Shiraz- Iran (affiliated to the Ministry of Science, Research and Technology).

1988 - 1994 Ph.D. Medicinal Chemistry, Dept.of Medicinal Chemistry & Center of Experimental Medicine and Surgery, Institute of Medical Sciences, Banaras Hindu University, India.
Conducted research on structure elucidation of Withanolides, a group of C_{28} Steroidal Lactones of plant origin and their Hypolipidemic activity.

1983 – 1985 M.Sc. Organic Chemistry, Bhopal University, India.

1979- 1983 B.Sc. Chemistry, Bhopal University, India.

**Executive Position
(2002 – 2008)** Director of Fars Biodiversity and Environmental Research Center, affiliated to the Ministry of Science, Research and Technology.

Fields of Interest

Educational and applied research activities in the following areas:

- Implementation of research projects related to phytochemistry, isolation and structure determination of pharmacologically active constituents of medicinal plants using various chemical and instrumental methods of analysis.
- Biological and pharmacological effects of medicinal plants secondary metabolites such as antioxidant, antiinflammatory, hypolipidemic, hypoglycemic and antimicrobial activity.

Published Papers

- 1- MA Farboodniay Jahromi, Antibacterial and Antioxidant Activity of extract and fractions of *Lonicera nummularifolia* Jaub & Spach, A Emami, R Nazeri, N Pirbonyeh. *Trends in Pharmaceutical Sciences* 2020;6(2):131-142.
- 2- MA Farboodniay Jahromi, A Jamshidzadeh, S Sokooti, Comparative Evaluation of Analgesic Activity of *Solenanthes circinatus* Ledeb. Root Extract and Fractions in Rat Models of Pain, *Trends in Pharmaceutical Sciences* 2020;6(3):153-162.
- 3- Abolghasemi, J., Farboodniay Jahromi, M.A., Hossein Sharifi, M., ...Zamani, N., Nimrouzi, M. Effects of *Zataria oxymel* on obesity, insulin resistance and lipid profile: A randomized, controlled, triple-blind trial, *Journal of Integrative Medicine*, 2020, 18(5), pp. 401–408. *Journal of Integrative Medicine*, 2020;18(5):401–408.
- 4- Tanideh, N., Zarifi, F., Rafiee, S., ..., Farboodniay Jahromi, M.A., Tarkesh, F. Comparative Clinical Pathology, *Ziziphus jujube* protects against cisplatin-induced nephrotoxicity in rats, 2020;29(2):321–326.
- 5- Farboodniay Jahromi MA, H Etemadfard, Z Zebarjad, Antimicrobial and antioxidant characteristics of volatile components and ethanolic fruit extract of *Prosopis farcta* (Bank & Soland.), MA Farboodniay Jahromi, H Etemadfard, Z Zebarjad, *Trends in Pharmaceutical Sciences*, 2018;4(3):177-186.
- 6- Farboodniay Jahromi MA, Mahmood Reza Moien, Motahare Mollaei. Volatile Constituents and Antioxidant Activity of Spathes from Five Uncommon Varieties of *Phoenix dactylifera* L. *Trends in Pharmaceutical Sciences*, 2018;4(4):225-234.
- 7- Farboodniay Jahromi MA, Hamed Etemadfard, Zahra Zebarjad, Antimicrobial and Antioxidant Characteristics of Volatile Components and Ethanolic Fruit Extract of *Prosopis farcta* (B&S.). *Trends in Pharmaceutical Sciences*, 2018;4(3):177-186.

- 8- Farboodniay Jahromi MA, Shadab Dehshahri, Saeed Forouzandeh Samani, Volatile Composition, Antimicrobial and free radical scavenging activities of essential oil and total extract of *Helichrysum leucocephalum* Boiss. Trends in Pharmaceutical Sciences 2017;3(3):193-200.
- 9- Rao, P. C., S. Begum, M. A. Farboodniay Jahromi, Z. H. Jahromi, S. Sriram and M. Sahai, Cytotoxicity of Withasteroids: Withametelin Induces Cell Cycle Arrest at G2/M Phase and Mitochondria-Mediated Apoptosis in Non-Small Cell Lung Cancer A549 Cells. Tumor Biology; 37(9):12579-12587(2016).
- 10- Farboodniay Jahromi, M. A., M. R. Moein and S. Ahmadi, *In Vitro* Free Radical Scavenging Activity And Total Phenolic And Flavonoid Content Of Spathe Extracts From 10 Cultivar Varieties of *Phoenix Dactylifera* L. International Journal of Pharmacognosy and Phytochemical Research, 2016;8(9):1481-1486.
- 11- Mohammad Ali Farboodniay Jahromi, Hamed Etemadfard and Zahra Zebarjad, Chemical Characterization and Antimicrobial Activity of Essential Oil from the Leaves of *Bienertia Cycloptera*., *Chem. Nat. Comp*, 2016;52 (5): 936-938.
- 12- Mohammad Mehdi Fani ; Abdollah Bazargani ; Mohammad Ali Farboodniay Jahromi ; Zahra Hasanpour ; Khosrow Zamani ; Ehsan Yousefi Manesh, An in Vitro Study on The Antibacterial Effect of *Ferula Assa-Foetida* L. and *Quercus Infectoria Olivier* Extracts on *Streptococcus Mutans* and *Streptococcus Sanguis*. Avicenna Journal of Dental Research 2015;7(1);1-5.
- 13- Mohammad Ali Farboodniay Jahromi, Mahmood Reza Moein, Hamed Etemadfard, Zahra Jahromi. Variation of Spathe Essential Oil Composition of Ten Iranian Date Varieties (*Phoenix dactylifera* L.). 2014;4(4):51-56.
- 14- Mohammad Ali Farboodniay Jahromi, Mahmood Reza Moein, Hamed Etemadfard, Preliminary Phytochemical Screening and Evaluation of *In vitro* Free Radical Scavenging Effect of *Dionysia revoluta* L. Trends in Pharmaceutical Sciences 2014;1(1), 27-35.
- 16- Farboodniay Jahromi MA., M. S. Hatamipour, R. Shafiei, Lactic Acid Fermentation By Different *Lactobacillus* Species Using *Sorghum* Seed Extract as Carbon Source. Iranian Journal of Chemical Engineering 2013;10(2):3-14.
- 17- Khodavandi A, Alizadeh F, Harmal NS, Sidik SM, Othman F, Sekawi Z, Farboodniay Jahromi MA, Ng KP, Chong PP. Comparison between efficacy of allicin and fluconazole against *Candida albicans* in vitro and in a systemic candidiasis mouse model. FEMS Microbiology Letters. 2013;15(2):87-93.
- 18- Mohammad. Ali Farboodniay Jahromi, Zahra Hosseini, Mehrdad Niakosari, Alireza Khodavandi, Antioxidant And Radical Scavenging Activity of Eriocitrin, A Glycosylated Flavanone From *Citrus Limon* L. Journal of the Iranian Chemical Society, 2009;0-10-414-1:S-136.

- 19- M. A. Farboodniay Jahromi and M. S. Hatamipour, Utilization of Citrus Processing Wastes For Production of Food, Pharmaceutical and Industrial Compounds. Iranian Journal of Chemical Engineering 2004;4(15):33-40.
- 20- M.A.Farboodniay Jahromi. M.Gupta,M.Manickam, A.B Ray and J.P.N.Chansouria. Hypolipidemic Activity of Pedunculocide, A Constituent of *Ilex doviiana*. Pharmaceutical Biology,1998;36:1-5.
- 21- M.Manickam, M.Ramanathan, M.A.Farboodniay Jahromi, J.P.N.Chansouria and A.B.Ray Antihyperglycemic Activity of phenolics from *Pterocarpus marsupium*. Journal of Natural Products (USA),1997;60:609-610.
- 22- M.A.Farboodniay Jahromi.Anil B.Ray and J.P.N.Chansouria. Antihyperlipidemic Effect of Flavonoids from *pterocarpus marsupium*. Journal of Natural products,1993;56:989.
- 23- M.A.Farboodniay Jahromi, M.Manickam. Mohini Gupta, Yoshiteru Oshima. Susumi Hatakeyama and Anil B.Ray Withametelins F and G. Two new withanolides of *Datura metel*. Journal of Chemical Research(S), 6.23 (1993).
- 24- M.A.Farboodniay Jahromi, J.P.N.Chansouria and Anil B.Ray. Hypolipidemic Activity in Rats of Bergenin. The Major constituent of *Flueggea Microcarpa*. Phytotherapy Research,1992; 6:180.

Conference Papers

- 1- Farboodniay Jahromi Mohammad Ali, Mohammad Mehdi Zarshenas, Seyed Hassan Seraj, Parnia Safaie Jahromi. Assessment of Chemical Components and Biological Activities of Three Acid Treated Herbal Extracts by GC/MS and HPTLC. Proceedings of the 7th National Congress on Medicinal Plants, (12-14 May 2018), Shiraz-Iran, Vol. 18, Suppl. 1, 2018, Iranian Journal of Pharmaceutical Research.
- 2- Farboodniay Jahromi Mohammad Ali, Mohmmad Mehdi Zarshenas, Amir Hossein Sakhteman, Fatemeh Sahrapour. Development of a Fingerprint Technique for Standardization and Quality Control of *Citrus aurantium* Flower Hydrosol. Proceedings of the 7th National Congress of Medicinal Plants, (12-14 May 2018), Shiraz-Iran, Vol. 18, Suppl. 1, 2018, Iranian Journal of Pharmaceutical Research.
- 3- Farboodniay Jahromi Mohammad Ali, Mahmood Reza Moien, Motahare Mollaei. Analysis and Characterization of Volatile Composition of Essential Oil from *Haplophyllum glaberrimum* Bunge. Proceedings of the 7th National Congress of Medicinal Plants, (12-14 May 2018), Shiraz-Iran, Vol. 18, Suppl. 1, 2018, Iranian Journal of Pharmaceutical Research
- 4- Farboodniay Jahromi Mohammad Ali, Zahra Hosseini, Amir Emami, Neda Pirbonyeh. *Nectaroscordum Tripedale* Boiss. Against Wound Burn Bacterial Infections. Proceedings of the 6th National Congress on Medicinal Plants, (9-10th May 2017), Tehran-Iran, Vol. 16, Suppl. 2, Iranian Journal of Pharmaceutical Research.

- 5- Farboodniay Jahromi Mohammad Ali, Zahra Hosseini, Amir Emami, Neda Pirbonyeh. Screening Antibacterial Characteristics of *Celtis Caucasica* Boiss. Proceedings of the 6th National Congress on Medicinal Plants, (9-10th May 2017), Tehran-Iran, Vol. 16, Suppl. 2, Iranian Journal of Pharmaceutical Research.
- 6- Farboodniay Jahromi Mohammad Ali, Zahra Hosseini, Amir Emami, Neda Pirbonyeh. Antibacterial Effects of *Silene Chlorifolia* Boiss. Against Bacterial Species: The Causative Agents of Wound Infections. Proceedings of the 6th National Congress on Medicinal Plants, (9-10th May 2017), Tehran-Iran, Vol. 16, Suppl. 2, Iranian Journal of Pharmaceutical Research.
- 7- Farboodniay Jahromi Mohammad Ali, Zahra Hosseini, Amir Emami, Neda Pirbonyeh. Antibacterial Activity of Herbal Extracts Against Four Common Burn Wound Pathogens. Proceedings of the 6th National Congress on Medicinal Plants, (9-10th May 2017), Tehran-Iran, Vol. 16, Suppl. 2, Iranian Journal of Pharmaceutical Research.
- 8- Amir Emami, Mohammad Ali Farboodniay Jahromi, Neda Pirbonyeh, Fardis Khoob, Seyed Abasaleh Namazi, Maryam Farshadi. Antibacterial Effects of *Dorema aucheri* , *Celtis caucasica*, *Ocimum basilicum*, *Celtis caucasica* and *Nectaroscordum Tripedale* Against Some Bacterial Species as Causative Infections in Burn Patients. Proceedings of the 6th National Burn Congress, One Country, One Standard Burn Care, (Feb. 22-23, 2017), Mashad University of Medical Sciences, Mashad-Iran.
- 9- Farboodniay Jahromi Mohammad Ali, Zahra Hosseini, Amir Emami, Neda Pirbonyeh, Antibacterial Effects of Herbal Extracts Against Four Burn Infection Pathogens. Proceedings of the 6th National Burn Congress, One Country, One Standard Burn Care, (Feb. 22-23, 2017), Mashad University of Medical Sciences, Mashad-Iran.
- 10- Kambiz Seyyedi and Mohammad Ali Farboodniay Jahromi, Decolorization of Azo Dye C.I. Direct Black 38 by Photocatalytic Method Using TiO₂ and Optimization of Process, ICESD 2014: Feb.19-21, 2014, Singapore, APCBEE Procedia 10 (2014), 115- 119 Sciverse ScienceDirect.
- 11- Mohd.Ali Farboodnia and Mahmood Reza Moein, Antioxidant and radical scavenging effect of extract and Various fractions of *Celtis caucasica* Willd. National Congress on Medicinal Plants, Aug 26-28, 2012, Yasooj University of Medical Sciences, Yasooj- Iran.
- 12- Mohd.Ali Farboodniay Jahromi, M J Rahimi, A. Bazargani M.R Moein, *In Vitro* Antimicrobial Effects of Seed Extracts of *Lepidium sativum* L. National Congress on Medicinal Plants, Aug 26-28, 2012, Yasooj University of Medical Sciences, Yasooj- Iran.
- 13- Mohd.Ali Farboodniay Jahromi, Zahra Hosseini, Alireza Khodavandi, Anti Helicobacter pylori Effect of a Labdane Diterpene From *Marrubium vulgare* L. Iranian National Congress of Medicinal Plants. Mar. 2-4, 2011, Sari – Iran.
- 14- Mohd.Ali Farboodniay Jahromi, Zahra Hosseini, Alireza Khodavandi, *In Vitro* Anticandidiasis Activity of an Alkaloidal Fraction From *Citrus aurantium* L. Iranian National Congress of Medicinal Plants. Mar. 2 – 4, 2011, Sari – Iran.

- 15- Mohd.Ali Farboodniay Jahromi, Zahra Hosseini, Antioxidant and Radical Scavenging Effect of Avicularin, A Flavanone Glycoside From *Polygonum aviculare* L. Iranian National Congress of Medicinal Plants. Mar. 2 – 4, 2011, Sari – Iran.
- 16- Farboodnia M.A., Bazargani A, Mohammad Javad Rahimi, Zahra Hosseini, Flavonoids From Citrus Byproducts And Their *In Vitro* Antibacterial Effects, 10th Iranian Congress of Microbiology, Apr 21-23, 2009, Ilam University of Medical Sciences, Ilam- Iran.
- 17- Farboodniay Jahromi Mohammad Ali, A Modified Extraction Technique For Recovery of Biophenols From Olive Processing Byproducts (Poster Presentation), 16th Iranian Seminar of Analytical Chemistry Jul 28-30, 2009, Bu Ali Sina University, Hamedan- Iran.
- 18- Niakosari M., Farboodnia M.A. Extraction of Antioxidant Components from Olive Solid Waste (OSW) Dried by Different Techniques. XXXII CIOSTA- CIGR V Conference 2009, Reggio Calabria (Italy) "Technology and management to ensure sustainable agriculture, agro-systems, forestry and safety".
- 19- Farboodniay Jahromi Mohammad Ali , Zahra Hosseini. Antioxidant And Radical Scavenging Activity of Eriocitrin, A Glycosylated Flavanone From Citrus Limon L.(oral presentation) 10th Iranian Congress of Biochemistry & 3rd International Congress of Biochemistry & Molecular Biology. Nov 16-19, 2009, Tehran University of Medical Sciences, Tehran- Iran.
- 20- Farboodniay Jahromi Mohammad Ali, Kambiz Seyyedi, Mehrdad Niakosari, A Modified Extraction Technique For Recovery of Biophenols From Olive Processing Byproducts. 16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Hamedan-Iran.
- 21- Farboodniay Jahromi Mohammad Ali, Hosseini Z, Bazargani A, Ray AB and Chansouria JPN, Withaphysalin E, A Steroidal Lactone from *Physalis alkekengi* L. with Anti *Helicobacter Pylori* Effect, (Oral Presentation) IUPAC International Conference on Biodiversity and Natural Products July 13-18, 2008, Prince Edward Island - Canada.
- 22- Farboodniay Jahromi Mohammad Ali , Hosseini Z, Ray AB and Chansouria JPN, Antihyperglycemic Activity of Trans-Stilbenoids from *Polygonum hyrcanicum* Rech.F.(poster), IUPAC International Conference on Biodiversity and Natural Products, July 13-18, 2008, Prince Edward Island - Canada.
- 23- M.S. Hatamipour, S.M. Majidi, M. Abdi, M. A. Farboodnia, Production of Pectin, Dietary Fiber and other Valuable Food Product From Citrus Wastes, 9th Iranian Chemical Engineering Congress, Nov. 23- 25, 2004, Iran University of Science and Technology, Tehran- Iran.
- 24- Hatamipour M.S., Majidi S.M, Abdi M., Farboodnia M.A. Potentials for Industrial Utilization of Citrus Byproducts, 16th International congress of Chemical and Process Engineering 22-26 August 2004, Prague, Czech Republic.
- 25- M.A. Farboodniay Jahromi and JPN Chansouria, Withaphysalin E , a steroidal lactone from *physalis alkekengi* L with antihyperlipidemic activity.(oral presentation). 8 th Iranian Seminar of Pharmaceutical Sciences. Aug 27-29, 2002. School of pharmacy, Shiraz University of Medical Sciences Shiraz – Iran

- 26- M.A. Farboodniay Jahromi, Homa Rajaei, Zahra Hosseini, Investigation of genesis of essential oil vesicles and characterization of oil constituents of *Citrus aurantium* L. (oral presentation). 1st Iranian congress of Applied Biology Feb 6-7, 2001. Mashhad – Iran.
- 27- M.A. Farboodniay Jahromi, Zahra Hosseini, JPN Chansouria, Antihyperlipidemic effects of physalindicanol A from *physalis alkekengi* in Triton–Induced hypolipidemic Model (oral presentation) Nov.6-9, 2000. 1st Iranian Congress of Traditional Medicine and Materia Medica, Shahid Beheshti university. Tehran – Iran.
- 28- M.A. Farboodniay Jahromi, Zahra Hosseini, JPN Chansouria, Isolation and Antihyperlipidemic effect of Adiantone, A Nortriterpene alcohol from *Adiantum capillus veneris* L. in rat (oral presentation) Nov.6-9, 2000. 1st Iranian Congress of Traditional Medicine and Materia Medica, Shahid Beheshti University. Tehran – Iran.
- 29- M.A. Farboodniay Jahromi, Zahra Hosseini and JPN Chansouria, Secowithametelin, A withanolide of *Datura metel* with Hypolipidemic activity. 7th Iranian seminar of Pharmaceutical sciences (Oral Presentation) Sep.5-7, 1999, Mashhad University of Medical Sciences. Mashhad – Iran.
- 30- M.A. Farboodniay Jahromi, and A.B. Ray, Isolation and comparison of L– ephedrine contents of various Fars *Ephedra* species and its conversion into Pseudoephedrine. (oral presentation). 7th Iranian Seminar of Pharmaceutical Sciences, Sep.5-7, 1999. Mashhad University of Medical sciences. Mashhad – Iran.
- 31- M.A. Farboodniay Jahromi and Alireza Khodavandi, Alireza Ahanchin, *In vitro* and *in vivo* Investigation Anti- Candidiasis Effects of Some Edible Plant Extracts. (oral presentation). 14th Iranian congress of Physiology and Pharmacology. Feb.20-24, 1998, Tehran University of Medical Sciences. Tehran – Iran.
- 32- M.A. Farboodniay Jahromi, isolation and structure elucidation of Daturametelin A and B, two glycowithanolides from *Datura metel*. 5th Iranian seminar of pharmaceutical sciences Aug.18-19, 1996, Tehran university of Medical Sciences, Tehran, Iran.
- 33- M.A. Farboodniay Jahromi and JPN Chansouria, Comparative hypolipidemic activity of triterpenoids from *Ilex dohiana*, 1st Iranian national seminar on medicinal plants and industry, Feb, 16-18, 1996, School of Pharmacy, Shiraz University of Medical Sciences, Shiraz – Iran
- 34- M.A. Farboodniay Jahromi, A sesquiterpene alcohol from *pterocarpus massupium*. 1st International Seminar on Medicinal Plants and Industry, Feb.16-18, 1996, School of Pharmacy, Shiraz University of Medical Sciences, Shiraz – Iran.
- 35- M.A. Farboodniay Jahromi, Structural diversity in plant – derived antihyperlipidemic compounds, 1st Iranian National Congress of Medicinal Plants & Industry, Feb 16-18, 1996, School of Pharmacy, Shiraz University of Medical Sciences, Shiraz – Iran.
- 36- M.A. Farboodniay Jahromi, M.S. Hatamipour, F. Farshadi, Systematic Investigation of Parameters in the Synthesis of Lactulose, a laxative Keto- disaccharide. 13th Iranian Chemistry and Chemical Engineering Congress, Feb 16-18, 1999, Tarbiat Modarres University, Tehran – Iran.

37- Farboodniay Jahromi Mohammad Ali, Two new Steroidal Lactones from *Datura metel*. (Oral presentation) ; 1st International Congress of Chemistry and Chemical Engineering, Sept. 1-3, 1993 Tehran – Iran.

Scientific Awards

Received Fars Province Researchers award, elected by the Fars Council of Research and Technology in the field of Food and Herbal Research, 2004.

Workshop held

A Rapid and Precise Gas Chromatographic Technique for the Quantitative determination of Methanol and Ethanol in Herbal Aromatic Hydrosols 14th Iranian National Congress of Toxicology. October 24-26, 2017, Shiraz University of Medical Sciences. Shiraz-Iran.

Industry Relevant Research Projects

- 1- Production and Standardization of PT-40, A Glabridin- Enriched Fraction From Licorice Root Shirin-Daru Licorice Production Company, Shiraz-Iran (2016).
- 2- Bench Scale Production of Evening Prime Rose Oil (Modern Science and Technology Projects), Shiraz University of Medical Sciences (2016).
- 3- Identifying the effective factors on certified agricultural products in Fars province and development of strategies to reduce their residual pesticides and chemical fertilizers (2020).
- 2- Development of a direct injection Gas Chromatographic Technique for the Quantitative Measurement of the Chemical Composition of Herbal Aromatic Hydrosols. (Aim: Rapid Characterisation of Chemical Components of Herbal Aromatic Hydrosols and Essential Oil Bulk Samples). (Project Registration No.108/01/46103), (2015).
- 3- Development of Rapid and Precise Gas Chromatographic Technique for the Quantitative Determination of Methanol and Ethanol in Herbal Aromatic Hydrosols. Ordered by Deputy for Food and Drug, Shiraz University of Medical Sciences as a Health Surveillance Need for Large Scale Screening of Herbal Aromatic Hydrosols (2015).
- 4- Development of Rapid Screening Method for Diethyl- and Dibutyl Phthalate as migrating Contaminants in Herbal Liquid Products. (A Global Health Surveillance Project of The Deputy For Food-Drugs, Shiraz University of Medical Sciences (2014).
- 5- Separation of Bioactive Compounds from Processing Wastes of Olive Oil Industries (2010 – Fars Science and Technology Park).
- 6- Feasibility Study of Plant Food Processing Wastes for Production of Value-Added Bioactive Products. Council of Research and Technology of Fars Province 2008 (Project Registration No.108/01/46103).

- 7- Qualitative Assessment of Plant-based Processing Wastes in Khorasan Food Industries. Khorasan Food Science Industries Advising, Research and Engineering Company, Khorasan, Iran (2005). Project Reg. No. 84- A-70.
- 8- Bench Scale Production of Value-Added products from Citrus Processing Wastes (2003). Project Registration No.81-LB-MI-10-0.
- 9- Techno- Economic Investigation of Citrus Processing Byproducts From Various Citrus Cultivars For Production of Essential oil and Bioactive Constituents. (2002, Deputy for Research and Technology, Iranian Ministry of Science, Research and Technology (2002).

Supervision of Theses and Dissertations

28 Pharm.D., M.Sc. and Ph.D. theses in the fields of Pharmacy, Phytochemistry, Food Science and the Active Constituents of Medicinal Plants at Shiraz University of Medical Sciences and Other Regional Academic Institutions.

Research Projects Executed

One national, 6 regional (Fars Council of Research and Technology) and 35 institutional research projects in the field of medicinal chemistry, phytochemistry and food related plant products.

Books Published

- 1- M.A.Farboodniay Jahromi, Mohd.Sadegh Hatamipour
Utilization of Citrus Processing wastes : Production of Food, Chemical and Pharmaceutical Products. Fars Council of Research and Technology, 2005, In Persian.
- 2- M.A.Farboodniay Jahromi, M.R. Baezzat
Value-Added Products from Food Processing Herbal Wastes, Fars Council of Research and Technology, 2009(1389) In Persian.,ISBN 2054920, doi: 664/00286.

Development of National Standards for Herbal Food Products

Author and principal investigator of National Standard No. 9418, the 1st Iranian National Standard Quality Control Methods and Specifications for Chemical and Hygienic Evaluation of Commercial market Samples of Neroli oil (*Citrus aurantium* Flower Essential Oil), Approved by The Supreme Council of Standards, Under the ISIRI Code No.9418, Iranian Institute of Standards and Industrial Research.

1st Edition Published Standard No. 9418, Feb. 2008. In Persian.

Workshops Attended

Regional Workshop on Processing Medicinal Plants, UN – ESCAP Asian and Pacific Center for Transfer of Technology (APCTT) and IROST Center, Nov. 14 – 17, 1999, Tehran – Iran.

New Trends and Technologies in Drug Delivery Systems, held at Iran Polymer Research Institute, Sep 2005, Tehran – Iran, Presented by: Professor Robert Gurny, School of Pharmaceutical Sciences, University of Geneva, Switzerland.

Research Laboratories Established

Medicinal Plants Secondary Metabolites Biotechnology Research Laboratory, Member of National Network of Biotechnology Laboratories. Supreme Council of Biotechnology, Ministry of Sciences, Research and Technology, Membership Code : 12032 / 810293.(2002). Fars Science and Technology Park.

Accredited Laboratory of Environmental Quality Control Analysis, Iranian National Standard and Industrial Research Organisation (2002). Fars Science and Technology Park.
