

CURRICULUM VITAE
Last update Dec. 2018
Farnaz Monajjemzadeh



نیسمال اول/دوم از سال 95 تا 98	نام استاد	روشهای نوین تدریس
اجرا شد.	دکتر فرناز منجم زاده دانشیار و مسئول درس و مدرس کنترل فیزیکو شیمیایی عملی - همکار هیات علمی - دکتر تمیزی	ارزیابی صلاحیت اخذ گواهی پایان دوره دانشجویان در درس عملی کنترل فیزیکوشیمیایی داروها به روش حل مساله یا "Problem Solving" (فرآیند برتر در شیوه های ارزیابی در جشنواره مطهری سال 92- مجری: دکتر فرناز منجم زاده)
اجرا شد.	مسئول چرخه ارایشی و بهداشتی و همکار در اجرای چرخه داروهای ترکیبی	استاندارد سازی برنامه آموزشی و طراحی و اجرای آزمون ساختار یافته عینی در عرصه (OSFE) در کارآموزی داروخانه دانشجویان رشته داروسازی (فرآیند برتر در جشنواره مطهری سال 89- مجری: دکتر مسلم نجفی)

I. General information

-First Name: Farnaz
-Surname: Monajjemzadeh
-Sex: Female
-Nationality: Iranian
-Marital status: Married
-Date of birth: Feb -1979
-City of birth: Tabriz-Iran
- Profession: PhD of Pharmaceutics

-Positions Held:

2018 Associate Professor of Pharmaceutical and cosmetic control, Faculty of Pharmacy

2018 Scientific Consultant of Cosmetic post marketing surveillance, Tabriz University of medical sciences

2018 Research officer in Food and Drug Safety Research Center, Tabriz University of medical sciences

Occupational Trainee in 2008 in Therapeutic research Center, PA Hospital, Queensland, Brisbane, Australia.

-Office Address: School of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran

-Mobile phone: +98(914)315 6782

- Phone Number: +98 (411) 339 2606

-Office FAX: +98 (411) 334-4798

-E-Mail: Monaggemzadeh@tbzmed.ac.ir

-E –Mail: Farnaz_m76@yahoo.com

Monajjemzadehf@yahoo.com

Google Scholar Link:

<https://scholar.google.com/citations?hl=en&user=2e6au8sAAAAJ>

Pharmaceutical control:

1-Teaching Experiences

- ✓ **PhD Course Name:** advanced physicochemical control of drugs
- ✓ **Pharmacy Students Clerk ship Program:** physicochemical control of drugs
- ✓ **Continuous Education:** for community pharmacists

2-Congress:

- ✓ *many*

3- Interests:

- ✓ *pharmaceutical quality control*
- ✓ *drug degradation*
- ✓ *drug safety*

Cosmetics:

1-Teaching Experiences

- ✓ **PhD Course Name:** Quality Control of Cosmetic Products
- ✓ **Pharmacy Students Clerk ship Program:** Cosmetics Rotation and Extemporaneous preparations

✓ Continuous Education: for community pharmacists
2-Congress:
<ul style="list-style-type: none"> ✓ <i>Sunscreens in Pharmaceutical Congress</i> ✓ <i>Hair Dyes in First Iranian cosmetic Congress</i>
3- Interests:
<ul style="list-style-type: none"> ✓ <i>Safety of Cosmetic Preparations</i> ✓ <i>Efficacy of Cosmetic Preparations</i>

II. Education

Awards:

- ✓ Selected project in 6th Shahid Motahari conference
- ✓ Pharm.D., Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran, 2001 (First place among 80 students)

Thesis:

- ✓ Thesis: Evaluating verapamil hydrochloride release rate from its three-layer matrices Prepared from natural gums
- ✓ Ph.D. of Pharmaceutics, 2009
- ✓ Thesis: Physicochemical evaluation of Maillard reaction in the preformulation and formulation of some first amine containing drugs in their solid dosage forms

Occupational trainee course:

- ✓ Was in Australia under supervision of Professor Dr Michael Roberts In university of Queensland (Brisbane):
1. Certificate in Mass spectroscopy coupled with Liquid chromatography (LC-MS/MS)
 2. Certificate in High Performance Liquid chromatography (HPLC)
 3. And workshops (Research Animal workshop, Introduction Radiation Safety)

III. Teaching experiences

Assistant Professor of drug and food control

Undergraduate students of Pharmacy

1. Theory and practice of physicochemical quality control of drugs for Undergraduate students of Pharmacy

PhD students

1. Pharmaceutical stability and drug degradation kinetics especially in solid state for PhD students
2. Quality control of Biological products
3. Cosmetic products control
4. Bioequivalence testing guidelines and procedure in Drug Effectiveness
5. Final product quality control

- Teaching assistant for undergraduate physicochemical quality control course, from 2001 until 2009

-Dissolution test principles (Theory & practice) for Iraqi international students

-Skin Aging (In Pharmacy graduates continuous education programs)

Internet and Distance continuous education (In Pharmacy graduates continuous education programs)

-Antiperspirant agent's formulation

-consultation for drug choice in smoking cessation

V. Language and computer knowledge:

- ❖ *Familiar with Excel, word , power point and Photoshop*
- ❖ *Good ability in SPSS and graph pad prism*
- ❖ *Advanced English speaking skills*
- ❖ *Basic skills in French*

VI. Field of interest:

- ✓ *Drug stability feild*
- ✓ *Drug and excipient interaction*
- ✓ *Improvement of drug dissolution characteristics and bioavailability*
- ✓ *Controlled release drug delivery systems design.*
- ✓ *Bioequivalence study of marketed drugs in Iran*
- ✓ *Nanotechnology*
- ✓ *Quality control of biotechnological products*
- ✓ *New methods of Drug analysis*

VII. Publications:

International Journals

- 1) Siahi M., Barzegar-Jalali M., **Monajjemzadeh F.**, Ghaffari F., Azarmi S., Design and evaluation of three-layer matrices of verapamil hydrochloride for zero-order sustained release, *AAPS Pharm Sci Tech* 2005; 6 (4) Article 77.
- 2) **Monajjemzadeh F.**, Hassanzadeh D., Valizadeh H., Siahi M.R., Shahbazi J., Robertson T., Roberts M.S., Assessment of feasibility of Maillard reaction between baclofen and lactose by liquid chromatography and Tandem mass spectrometry, Application to Pre formulation studies, *AAPS Pharm Sci Tech*, 10 (2), 2009, 649-659
- 3) **Monajjemzadeh F.**, Hassanzadeh D., Valizadeh H., Siahi M.R., Shahbazi J., Robertson T., Roberts M.S., Compatibility Studies of Acyclovir and Lactose in Physical Mixtures and Commercial Tablets, Accepted for publication in *European Journal of Pharmaceutics and Biopharmaceutics*.
- 4) Nokhodchi A., hassan-zadeh D., **Monajjem-zadeh F.**, Taghi-zadeh N., Effect of various surfactants and their concentration on controlled release of captopril from polymeric matrices, *Acta Pharm.* 58 (2008) 151–162
- 5) Zarrintan M.H., Chan H.K., **Monajjemzadeh F.**, The effect of humidity and compaction pressure on the wheat germ lipase activity, *Iranian Journal of Pharmaceutical Research*, (2006),4:245-248
- 6) Hasanzadeh D., Ghaffari S., **Monajjemzadeh F.**, Al-Hallak M.K., Soltani G. And Azarmi S., Thermal Treating Of Acrylic Matrices As A Tool For Controlling Drug Release, *Chem. Pharm. Bull.* 57(12) (2009)1356—1362
- 7) Monajjemzadeh F, Hassanzadeh D, Valizadeh H, Siahi-Shadbad MR, Mojarrad JS, Robertson TA, Roberts MS. Detection of Gabapentin-Lactose Maillard reaction product (Schiff's base): Application to Solid dosage form Preformulation/part 1. *Pharmind - die pharmazeutische industrie.* 73 (1), (2011) 173-177
- 8) **Monajjemzadeh F.**, Hassanzadeh D, Valizadeh H, Siahi-Shadbad MR, Mojarrad JS, Robertson TA, Roberts MS. Detection of Gabapentin-Lactose Maillard reaction product (Schiff's base): Application to Solid dosage form Preformulation/part 2. *Pharmind - die pharmazeutische industrie.* 73 (2), (2011) 376-382.
- 9) Abdollahi Fakhim Shahin, Shahidi N. *, Siahi M.R., Nokhodchi A., **Monajjemzadeh F.**, Comparison of acetaminophen with or without codeine to ibuprofen on the postoperative pain of pediatric tonsillectomy, *Iranian Journal of Otorhinolaryngology*, No.2, Vol.23, Serial No.63, Spring-2011

- 10) Jelvehgari M, Zakeri Milani P, Siahi-Shadbad M R, **Monajjemzadeh F**, Nokhodchi A, Azari Z, Valizadeh H. In vitro and in vivo evaluation of insulin microspheres containing protease inhibitor, Drug Research (ArzneimForsch), 2011, 61(1), 14-22

- 11) **Farnaz Monajjemzadeh**, Javad Shokri, Ali Reza Mohajel Nayebi, Mahboob Nemati, Yadollah Azarmi, Mohammad Charkhpour, Moslem Najafi, Standardization of Course Plan and Design of Objective Structured Field Examination (OSFE) for the Assessment of Pharm.D. Student's Community Pharmacy Clerkship Skills, Advanced Pharmaceutical Bulletin, 2014

- 12) H. Hamishehkar , H. Valizadeh , P. Alasty , **F. Monajjemzadeh**, Spray Drying as a Fast and Simple Technique for the Preparation of Extended Release Dipyridamole (DYP) Microparticles in a Fixed Dose Combination (FDC) Product with Aspirin, Drug Research (ArzneimForsch), 2013-11-25

- 13) **Farnaz Monajjemzadeh**, Hamed Hamishehkar, Parvin Zakeri-Milani, Afsaneh Farjami & Hadi Valizadeh, Design and Optimization of Sustained- Release Divalproex Sodium Tablets with Response Surface Methodology, AAPS PharmSciTech. 2013 Mar;14(1):245-53. doi: 10.1208/s12249-012-9907-z.

- 14) Lotfipour F, Valizaeh H, Shademan Sh, **Monajjemzadeh, F.***, Efficacy and Physicochemical Evaluation of an Optimized Semisolid Formulation of Povidone Iodine Proposed by Extreme Vertices Statistical Design; a Practical Approach. Iranian Journal of Pharmaceutical Research, 2015.

- 15) **Monajjemzadeh F**, Gholizadeh N, Yousefzadeh Mobaraki N, Jelvehgari M. Physicochemical and in vitro mucoadhesive properties of microparticles/discs of betamethasone for the management of oral lichen planus. Pharmaceutical development and technology. 2015:1-10.

- 16) **Monajjemzadeh F**, Farjami A. Common Problems in Stress Testing of Pharmaceutical Preparations. J Mol Pharm Org Process Res. 2014;3:e118.

- 17) **Monajjemzadeh F**, Ghaderi F. Thermal Analysis Methods in Pharmaceutical Quality Control. J Mol Pharm Org Process Res. 2015;3:e121.

- 18) **Monajjemzadeh F**. LC-Mass as a Complementary Method in Detecting Drug-Excipient Incompatibility in Pharmaceutical Products. J Mol Pharm Org Process Res. 2014;2:e110.

- 19) **Monajjemzadeh F**. Common Stability Indicating Chromatographic Methods in Shelf Life Prediction of Pharmaceutical Preparations. Journal of Molecular Pharmaceutics & Organic Process Research. 2014;2014.

- 20) **Monajjemzadeh F**, Ebrahimi F, Zakeri-Milani P, Valizadeh H. Effects of formulation variables and storage conditions on light protected vitamin B12 mixed parenteral formulations. Advanced pharmaceutical bulletin. 2014;4(4):329.

- 21) Yousef Javadzadeh, **Farnaz Monajjemzadeh**, Elaham Safaee, Khosro Adibkia. Release Kinetics of Sodium Diclofenac from a Controlled Release Device, Pharm Ind. - die pharmazeutische industrie, 2014, 76, Nr. 11, 1786–1793 (2014)

- 22) Ghaderi F, Nemati M, Siahi-Shadbad MR, Valizadeh H, **Monajjemzadeh F**. Physicochemical evaluation and non-isothermal kinetic study of the drug–excipient interaction between doxepin and lactose. *Powder Technology*. 2015;286:845-855.
- 23) Ghaderi F, Nemati M, Siahi-Shadbad MR, Valizadeh H, **Monajjemzadeh F**. DSC kinetic study of the incompatibility of doxepin with dextrose. *Journal of Thermal Analysis and Calorimetry*. 2016;123(3):2081-2090.
- 24) Ghaderi F, Nemati M, Siahi-Shadbad M, Valizadeh H, **Monajjemzadeh F**. Non isothermal decomposition kinetics and compatibility studies of doxepin with sucrose. *Pharm Ind*. 2015;8:1222.
- 25) Ghaderi F, Nemati M, Siahi-Shadbad MR, Valizadeh H, **Monajjemzadeh F**. Physicochemical analysis and nonisothermal kinetic study of sertraline–lactose binary mixtures. *Journal of food and drug analysis*. 2017;25(3):709-716.
- 26) Ghaderi F, Nemati M, Siahi-Shadbad MR, Valizadeh H, **Monajjemzadeh F**. Kinetics study of hydrochlorothiazide lactose liquid state interaction using conventional isothermal arrhenius method under basic and neutral conditions. *Brazilian Journal of Pharmaceutical Sciences*. 2016;52(4):709-714.
- 27) Ghaderi F, Nemati M, Siahi-Shadbad MR, Valizadeh H, **Monajjemzadeh F**. Evaluation of activation energy conformity derived from model-free non-isothermal predictions and Arrhenius isothermal results. *Journal of Thermal Analysis and Calorimetry*.
- 28) Shokri j, Shamseddini Lori M, Monajjemzadeh F, Examining polyquaternium polymers deposition on human excised hair fibers, *J Cosmet Dermatol*. 2017;1–8. DOI: 10.1111/jocd.12454
- 29) Nemati M, Nofozi S, Ahmadi Sh, Monajjemzadeh F, Quality control of the Migration of bisphenol A from plastic packaging into Iranian brands of food grade oils, 2017.
- 30) [Differential scanning calorimetry and fatty acid composition analysis of chocolates marketed in Iran as an alternative method for identification of cocoa butter adulteration](#)
TK Yazdi, MRA Mogaddam, M Mousazadeh, F Monajjemzadeh, E Tamizi, ...
Journal of AOAC International
- 31) [Comparative Stability of Two Anti-Hyperpigmentation Agents: Kojic Acid as a Natural Metabolite and Its Di-Palmitate Ester, Under Oxidative Stress; Application to Pharmaceutical ...](#)
S Tazesh, E Tamizi, MS Shadbad, N Mostaghimi, F Monajjemzadeh
Advanced Pharmaceutical Bulletin
- 32) [The Effect of Azelaic Acid and Vitamin C on the Stability of Hydroquinone in Extemporaneous Topical Preparations: Evidence-Based In Vitro Research](#)
A Azimi, MR Siahi-Shadbad, F Monajjemzadeh
Journal of Pharmaceutical Innovation, 1-10
- 33) [Combination of pressurised liquid extraction with dispersive liquid–liquid microextraction method for the extraction of some pesticides and their related metabolites from ...](#)
F Monajjemzadeh, MA Farajzadeh, MRA Mogaddam
International Journal of Environmental Analytical Chemistry, 1-15
- 34) [Gliclazide compatibility with some common chemically reactive excipients: using different analytical techniques](#)
HN Jabbari, M Shabani, F Monajjemzadeh
Analytical Science and Technology 34 (2), 46-55

- 35) [Comparative physicochemical stability and clinical anti-wrinkle efficacy of transdermal emulgel preparations of 5% sodium ascorbyl phosphate and or ascorbic acid on human ...](#)
S Mohammadi, J Shokri, M Ranjkesh, S Akbari Hamed, F Monajjemzadeh
Journal of cosmetic dermatology 20 (1), 174-180
- 36) [Evaluation of pharmaceutical compatibility between Acarbose and common excipients used in the development of controlled release formulations](#)
A Gholizadeh-Hashjin, M Shabani, F Monajjemzadeh
Pharmaceutical Sciences
- 37) [Review of the physicochemical methods applied in the investigation of the maillard reaction in pharmaceutical preparations](#)
F Ghaderi, F Monajjemzadeh
Journal of Drug Delivery Science and Technology 55, 101362
- 38) [Physicochemical analysis and nonisothermal kinetic study of sertraline-lactose binary mixtures \(vol 25, pg 709, 2017\)](#)
F Ghaderi, M Nemat, MR Siah-Shadbad, H Valizadeh, F Monajjemzadeh
JOURNAL OF FOOD AND DRUG ANALYSIS 28 (3)
- 39) [Evaluation the Effect of Amine Type on the Non-isothermally Derived Activation Energy for the Interaction of 3 Antidepressant Drugs with Lactose](#)
F Ghaderi, M Nemat, M Reza siah-shadbad
Advanced pharmaceutical bulletin 9 (2), 289
- 40) [Examining polyquaternium polymers deposition on human excised hair fibers](#)
J Shokri, M Shamseddini Lori, F Monajjemzadeh
Journal of cosmetic dermatology 17 (6), 1225-1232
- 41) [Analytical investigation of the possible chemical interaction of methyl dopa with some reducing carbohydrates used as pharmaceutical excipients](#)
MR Siah, S Rahimi, F Monajjemzadeh
Advanced pharmaceutical bulletin 8 (4), 657

Domestic Journals

- 1) Azarmi S., Hatamkhani S., **Monajjemzadeh F.**, Mohammadi G., Effect of thermal-treating on the release of theophylline HCl from the granules prepared using acrylic polymers, Pharmaceutical Sciences, Journal of Tabriz Faculty of Pharmacy, Spring 2005.
- 2) Valizadeh H., Nokhodchi A., **Monajjemzadeh F.**, Dissolution improvement of indomethacin by the solid dispersions prepared using polyethylene glycols with different molecular weights, Pharmaceutical Sciences, Journal of Tabriz Faculty of Pharmacy, Spring 2005.

- 3) Hassanzadeh D., **Monajjemzadeh F.**, Pooly babae M., The effect of polymer and plasticizer on the drug release characteristics from minoxidil matrix type films, *Pharmaceutical Sciences, Journal of Tabriz Faculty of Pharmacy*, Winter 2003.
- 4) Hassanzadeh D., **Monajjemzadeh F.**, Mahboobifar P., Developing a new polymeric film of Propranolol hydrochloride using Psyllium as a natural polymer, *Pharmaceutical Sciences, Journal of Tabriz Faculty of Pharmacy*, Summer 2007
- 5) **F. Monajjemzadeh**, A. Jahangiri, Review of the effective factors on salt selection in pharmaceutical industries, *Razi*, 25 (11), 1393, 12-24
- 6) **F. Monajjemzadeh**, Z. Fassihi, Review of the General principles in drug usage and administration after opening the original package; *In Use Shelf Life, Razi*, 25 (11), 1394, 12-24
- 7) [A Comparitive Study on Ethical Rules of Oath of Pharmacists with Quran](#)
S Maleki Avarsin, N Ghobbe Zarrin, MK Kaveh Pishgadam, ...
Journal of Religion and Health 5 (2), 77-87

VIII. International Congress:

- 1- **Monajjemzadeh F.**, Siah shadbad MR, Hatami L, Gaderi F., Stability and photo stability of Parental acyclovir in commercial infusion bags and administration sets available in Iran, 21th Iranian Conference of physiology and Pharmacology, 2013, 23-27 August , Tabriz, Iran
- 2- **Monajjemzadeh F.**, Hamishekar H, Valizadeh H, Alasty P., Fixed dose Combination Product containing Fast releasing Aspirin and extended release Dipyridamole Microparticles, 21th Iranian Conference of physiology and Pharmacology, 2013, 23-27 August , Tabriz, Iran
- 3- **Monajjemzadeh F.**, Yousefzadeh N, Jelvehgari M, Treatment of aphtous and lichen planus oral lesions, Preparation and in vitro evaluation of Bucal mocoadhesive of betamethason disodium phosphate, 21th Iranian Conference of physiology and Pharmacology, 2013, 23-27 August , Tabriz, Iran
- 4- Jelvehgari M., Zakeri P., Valizadeh H., Nokhodchi A. **Monajjemzadeh F**, Azari Z., pH sensitive colon targeted oral drug delivery of system using insulin nanoparticles employing chitosan with different molecular weights and eudragit L100-55, 11th international congress on amino acides, Peptides and Proteins, Vienna, Austria, August 3-7, 2009
- 5- Hassanzadeh D., **Monajjemzadeh F.**, Designing and evaluating the physicochemical properties of a hydrogel based electrode in iontophoretic delivery devices, 8th International Symposium on Pharmaceutical Sciences (ISOPS-8), Ankara, June 13-16, 2006.
- 6- Hassanzadeh D., **Monajjemzadeh F.**, Evaluating the effect of Donor compartment composition on the Iontopjoretic delivery of Propranolol HCL through human skin, 8th International Symposium on Pharmaceutical Sciences (ISOPS-8), Ankara, June 13-16, 2006.
- 7- **Monajjemzadeh F.**, Hassanzadeh D., Valizadeh H., Siah M.R., Shahbazi J., Robertson T., Roberts M.S., Determination of Baclofen – Lactose Maillard Reaction Products Using Liquid Chromatography–Tandem Mass Spectrometry, Australian Pharmaceutical science Association (APSA), 2007, 8-11 December

- 8- **Monajjemzadeh F.**, Hassanzadeh D., Valizadeh H., Siah M.R., Shahbazi J., FTIR Analysis of the Browning Reaction Between Baclofen and Lactose in their Binary Solid Mixtures , Australian Pharmaceutical science Association (APSA), Sydney, 2007, 8-11 December
- 9- **Monajjemzadeh F.**, Hassanzadeh D., Valizadeh H., Siah M.R., Shahbazi J., Stability of baclofen in tablets prepared by dry granulation technique, Asian association of schools of pharmacy (AASP), 25-28 October, 2007
- 10- **Monajjemzadeh F.**, Hassanzadeh D., Valizadeh H., Siah M.R., Shahbazi J. Preparation Of Maillrad Reaction Product of Baclofen in Aqueous Buffer Solution, The 5th international postgraduate research symposium on pharmaceuticals, 2007, Turkey, Istanbul, Acta pharmaceutica turcica , vol 49, suppl. 13-15 September

IX. Domestic Congress

- 1- Bakhtiary Z., **Monajjemzadeh F.**, YariKhosroshahi A., Potential Adverse Effects of Nail Cosmetic Products, Pharmaceutical sciences, 2014, 20(Supp 1), 144, 18th Iranian Pharmacy Student Seminar, Tabriz, Iran. Available online at : <http://pharm-sci.tbzmed.ac.ir>
- 2- Naeim Zadeh F., Monajjemzadeh F., Stable CMC Gel Formulations for Extemporaneous Preparations in Community Pharmacy, Pharmaceutical sciences, 2014, 20 (Supp 1), 219, 18th Iranian Pharmacy Student Seminar, Tabriz, Iran. Available online at : <http://pharm-sci.tbzmed.ac.ir>
- 3- Rahimi S., **Monajjemzadeh F.**, Siah MR, Ghaderi F., Evaluation of methyldopa compatibility with reducing pharmaceutical excipients. 18th Iranian Pharmacy Student Seminar. 2014, Tabriz, Iran
- 4- Khosravi E., Jelvehgari M., **Monajjemzadeh F.** , Preparation and in vitro evaluation of Selegiline Buccal mocoadgesive Films. 18th Iranian Pharmacy Student Seminar. 2014, Tabriz, Iran
- 5- **Monajjemzadeh F.**, Yousefzadeh N, Jelvehgari M. Treatment of aphtous and lichen planus oral lesions, Preparation and in vitro evaluation of Bucal mocoadhesive of betamethason disodium phosphate, Tabriz, Iran-21th Iranian Conference of physiology and Pharmacology
- 6- **Monajjemzadeh F.**, Hamishekar H, Valizadeh H, Alasty P. Fixed dose Combination Product containing Fast releasing Aspirin and extended release Dipyridamole Microparticles, Tabriz, Iran-21th Iranian Conference of physiology and Pharmacology
- 7- **Monajjemzadeh F.**, Siah shadbad MR, Hatami L, Ghaderi F. Stability and photo stability of Parentral acyclovir in commercial infusion bags and administration sets available in Iran. Tabriz, Iran-21th Iranian Conference of physiology and Pharmacology
- 8- **Monajjemzadeh F.**, Jelvehgari M., Bagheri M. Selegiline Mucoadhesive

Microspheres/Discs for Buccal Administration of Selegiline Hydrochloride: In-Vitro/Ex-Vivo Studies, Tabriz, Iran-21th Iranian Conference of physiology and Pharmacology

- 9- **Monajjemzadeh F.**, Jelvehgari M., Bagheri M., Management of the Parkinson disease with fast dissolving oral thin films-adhesive , Tabriz, Iran-21th Iranian Conference of physiology and Pharmacology
- 10- Jahangiri A., **Monajjemzadeh F.**, Effective factors on salt selection in pharmaceutical industries, , Tabriz, Iran-21th Iranian Conference of physiology and Pharmacology
- 11- **Monajjemzadeh.F** , Valizadeh H, Zakeri P, Ebrahimi F, Stability assessment of vitamin B12 in mixed parenteral B complex formulations and in syringes prior to patient administration, Research in Pharmaceutical Sciences, 2012;7(5), School of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical Sciences
- 12- **Monajjemzadeh.F** , A Review of physicochemical properties of Colors in Hair dyes; Legislations and quality control, 1st Iranian Cosmeceutical Congress, May 2012, Isfahan. Iran
- 13- Siah M., **Monajjemzadeh F.**, Agajani H, Alavi MV, Counterfeit Pharmaceuticals in Tabriz drug market, Conference on combating smuggling in the market, Iran, 2012, Tehran
- 14- **Monajjemzadeh F**, Hamishehkar H, Valizadeh H, Zakeri Millani P, Farjami A, Optimizing Role of Response Surface Methodology in the Formulation of Divalproex Sodium Sustained Release Tablets, The 5th Iranian controlled release conferences, Mashhad, Iran 2011
- 15- Javadzadeh Y, **Monajjemzadeh F**, Safae E, Microporous membrane permeation controlled- gastric resistancedelivery systems for Na Diclofenac; Desin and evaluation on drug release kinetics, The 5th Iranian controlled release conferences, Mashhad, Iran 2011
- 16- **Monajjemzadeh.F** , Hassanzadeh.D, Valizadeh.H, Siah-shadbad.M , Shahbazi.J , A- Robertson.T , S Roberts.M, Detection of Gabapentin-Lactose Maillard reaction product (Schiff`s base) Using Liquid chromatography tandemmass spectroscopy, 12th Iranian Pharmaceutical Science congress, iran,Zanjan, 2010
- 17- **Monajjemzadeh.F** , Hassanzadeh.D, Valizadeh.H, Siah-shadbad.M , Shahbazi.J , Compatibility analysis of Gabapentin and lactose in their binary mixtures using FTIR and DSC, 12th Iranian Pharmaceutical Science congress, iran,Zanjan, 2010
- 18- **Monajjemzadeh F.**, Hassanzadeh D., Valizadeh H., Siah M.R., Shahbazi J.New internal standard for quantitative determination of baclofen in pharmaceutical formulations by high pressure liquid chromatography, IPSC 2008
- 19- **Monajjemzadeh F.**, Hassanzadeh D., Valizadeh H., Siah M.R., Shahbazi J.Determination of Acyclovir – Lactose Maillard Reaction Products Using Liquid Chromatography–Tandem Mass Spectrometry, IPSC2008
- 20- Hassanzadeh D., **Monajjemzadeh F.**, Mahboobifar P., Developing a new polymeric film of propranolol hydrochloride using psyllium as a natural polymer, Tehran, IPSC, 2006.
- 21- Hassanzadeh D., **Monajjemzadeh F.**, Parsa A., Iontophoresis as a new method for

occluding the dentinal tubules in the treatment of dentine hypersensitivity, Tehran, IPSC, 2005.

- 22- Siah M., Barzegar-Jalali M., **Monajjemzadeh F.**, Azarmi S, Evaluating the release mechanism of verapamil hydrochloride from its three layer matrices, Tabriz, Iran, 2003.
- 23- Hassanzadeh D., **Monajjemzadeh F.**, Evaluating minoxidil release rate from transdermal therapeutic devices prepared using different polymers, Tabriz, Iran, 2003.
- 24- Hassanzadeh D., **Monajjemzadeh F.**, The role of donor phase conductivity in the iontophoretic delivery of verapamil hydrochloride, Tabriz, Iran, 2003.
- 25- Siah M., **Monajjemzadeh F.**, suntan preparations in Iran market, Tabriz, Iran, 2003.
- 26- Barzegar-Jalali M., **Monajjemzadeh F.**, An investigation into the oral insulin preparation techniques, Ahvaz, Iran.
- 27- Zarrintan M.H., **Monajjemzadeh F.**, the effect of matrix type in the pilocarpin ecouserts, Ahvaz, Iran.
- 28- Barzegar-Jalali M., **Monajjemzadeh F.**, Evaluating the Acetazolamide release rate from alginate microspheres, Ahvaz. Iran
- 29- **Monajjemzadeh F.**, Hattamkhani S., The effect of Lipid Emulsions in the nasal absorption of insulin, Mashhad, Iran, 2003
- 30- Siah M., Barzegar-Jalali M., **Monajjemzadeh F.**, Azarmi S., Formulation of three-layer matrix of verapamil using natural polymers, Shiraz, Iran, Aug., 2001.
- 31- Siah M., Barzegar-Jalali M., **Monajjemzadeh F.**, Azarmi S, The role of diffusion and erosion in the release kinetics of verapamil hydrochloride through its mono and three -layer matrices, Tabriz, Iran, 2001.

X: Research Experience

PhD thesis title:

- 1) Physicochemical Evaluation of Maillard Reaction in Preformulation and Formulation of some First Amine Containing Drugs in their solid Dosage Forms

Pharm-D thesis title:

- 2) Evaluation of Verapamil release rate from mono and three layer matrix formulations prepared using semi synthetic and natural polymers

Projects:

- 3) Evaluation of the effect of a new formulation of tooth paste containing azithromycin on cyclosporine- induced gingival enlargement in renal transplanted patients

- 4) Insulin nanoparticles using Eudragit polymers
- 5) Evaluation of the effects of annealing on the morphology and release of ibuprofen and theophylline granules prepared from Eudragit aqueous dispersions
- 6) Preparation of Naproxen solid dispersion and evaluating drug release kinetics
- 7) Bioequivalence evaluation of carbamazepine Tablets
- 8) Bioequivalence evaluation of flurazepam Tablets
- 9) Bioequivalence evaluation of amoxicillin Capsules
- 10) Bioequivalence evaluation of cephalexin Capsules
- 11) Thermal analysis of a new substitute of gelatin in capsule formulation
- 12) Pelletization of pseudoephedrin

XI: Workshops:

- 1) Research Animal workshop
- 2) Introduction Radiation Safety
- 3) Mammalian cell culture

XII: Continuous Education lectures

More than 10 lectures in pharmaceutical and cosmetic products field.
Graded 2.92 from 3.

XIII: Techniques

1. HPLC
2. LC-MS/MS
3. DSC
4. TMA
5. Spectrofluorimetry
6. Spectrophotometer (U.V.)
7. In-Vitro and In-Vivo tests
8. Tablet making
9. FT-IR
10. Dissolution tests