



Shahla Mirzaeei Assistant prof.
Pharm D., PhD of Pharmaceutics

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Pharmaceutics

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Language skills: English

Educational Records:

Pharm D.

- Professional doctorate of Pharmacy, Tabriz University of Medical Sciences. 2001

PhD

- Student in Pharmaceutics, Tabriz University of Medical Sciences, Iran. 2006-2011
- Thesis: Preparation and characterization of *Lactobacillus acidophilus* microcapsules using natural polymers

Research Experience:

QC supervisor in **Bakhtar Bioshimi Company** from 2004 until 2005

Encapsulation Probiotic and Evaluation in GI model

Novel Drug Delivery systems e.g. Pharmaceutical nanotechnology, Microsystems

Skilled in medication preparation and pharmacy operation

Formulated conventional drugs and modification of prior formulations in company

Experience in bioequivalency evaluation of medicine preparation

Experience in Physical tests and determination for Pharmaceutical Dosage Form

Experience in Microbiological tests and assay for Pharmaceutical Dosage Form

Evaluation of effects of herbal compounds on microorganism (Bacteria and Fungi)

Evaluation of Antimicrobial agents

Antibiotics Microbial assays

Skilled in analysis and assay of drugs with HPLC, GC

Experience in program (Minitab, SPSS, EndNote,...)

Teaching Experience:

Pharmacology for Nursing and Midwifery student 2004-2006

Pharmaceutical Microbiology For undergraduate Pharmacy student since 2007-present

Practical Pharmaceutical Microbiology For undergraduate Pharmacy student since 2007-present

Cosmetic For undergraduate Pharmacy student since 2007-present

Practical Dosage Form For undergraduate Pharmacy student since 2007-present

Pharmaceutics For undergraduate Pharmacy student since 2007-present

Novel Drug Delivery System For undergraduate Pharmacy student since 2007-present

Practical Novel Drug Delivery System For undergraduate Pharmacy student since 2007-present

Pharmaceutics Dosage Form For undergraduate Pharmacy student since 2007-present

AWARDS:

December 2007: The Award for the Selected Researcher of the Year, Kermanshah University of Medical Sciences, which Certificate is given by the Chancellor of Kermanshah University of Medical Sciences.

December 2006: The Award for the Selected Researcher of the Year, Kermanshah University of Medical Sciences, which Certificate is given by the Chancellor of Kermanshah University of Medical Sciences.

(Published Full Journal Papers)

1. Preparation and Characterization of Alginate and Psyllium Beads Containing *Lactobacillus acidophilus*, Farzaneh Lotfipour, **Shahla Mirzaeei**, and Maryam Maghsoodi, *The Scientific World Journal* Volume 2012, Article ID 680108, 8 pages
2. Evaluation of the effect of CaCl₂ and alginate concentrations and hardening time on the characteristics of *Lactobacillus acidophilus* loaded alginate beads using response surface analysis. Farzaneh Lotfipour, **Shahla Mirzaeei**, Maryam Maghsoodi, *Advanced Pharmaceutical Bulletin*, 2012, 2(1), 71-78.
3. Effect of some formulation and process variables on properties of Alginate –Poly L lysine-Alginate beads containing *Lactobacillus acidophilus*. Maghsoodi M., Parhiz-Javan S., **Mirzaeei S.**, Javadzede Y., Lotfipour F. *Pharmaceutical Sciences*, 2011, Vol. 17, No 2, Page 89-102
4. Solubility Prediction of Paracetamol in Water–Ethanol–Propylene Glycol Mixtures at 25 and 30 °C Using Practical Approaches. Abolghasem Jouyban, Olduz Azarmir, **Shahla Mirzaeei**, Davoud Hassanzadeh, Taravat Ghafourian, William Eugene Acree, Ali Nokhodchi. *Chemical pharmaceutical bulletin* (2008).Volume: 56, Issue: 4, Pages: 602-606.
5. Bahrami, G. **Mirzaeei, Sh.** Kiani, A. A rapid high performance liquid chromatographic determination of methyl dopa in human serum with fluorescence detection and alumina extraction: application to a bioequivalence study. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2006 Mar 7;832(2):197-201 .
6. Bahrami, G. Mohammadi, B. **Mirzaeei, Sh.** Kiani, A. Determination of atorvastatin in human serum by reversed-phase high-performance liquid chromatography with UV detection. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2005 Nov 5;826(1-2):41-45.

7. Bahrami, G. **Mirzaeei, Sh.** Kiani, A. Mohammadi, B. High-performance liquid chromatographic determination of lamivudine in human serum using liquid-liquid extraction; application to pharmacokinetic studies. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2005 Sep 5;823(2):213-217. 19)
8. Bahrami, G. **Mirzaeei, Sh.** Mohammadi, B. Kiani. High performance liquid chromatographic determination of topiramate in human serum using UV detection. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2005 Aug 5;822(322-325)
9. Bahrami, G. **Mirzaeei, Sh.** Mohammadi, B. Kiani. High performance liquid chromatographic determination of azithromycin in serum using fluorescence detection and its application in human pharmacokinetic studies. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2005 Jun 25;820(2):277-281.
10. Bahrami, G. **Mirzaeei, Sh.** Kiani, A. Determination of acyclovir in human serum by high-performance liquid chromatography using liquid-liquid extraction and its application in pharmacokinetic studies. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2005 Feb 25;816(1-2):327-331.
11. Bahrami, G. **Mirzaeei, Sh.** Kiani, A. Sensitive analytical method for Topiramate in human serum by HPLC with pre-column fluorescent derivatization and its application in human pharmacokinetic studies. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2004 Dec 25;813(1-2):175-180.
12. Bahrami, G. **Mirzaeei, Sh.**, Simple and rapid HPLC method for determination of amlodipine in human serum with fluorescence detection and its use in pharmacokinetic studies. *Journal of pharmaceutical and biomedical analysis* 36(2004)163-168.
13. Bahrami, G. **Mirzaeei, Sh.** Determination of trans fatty acid content in commercially manufactured hydrogenated oils and margarine in Iran. *Ir. Heart J.* Fall 4 (2003) 59-67 .

۱۴. بهرامی غلامرضا، میرزایی شهلا، کیانی امیر و عاطفی گلاره الگوی اسیدهای چرب و میزان ایزومرهای ترانس در روغنهای هیدروژنه موجود در بازار ایران. مجله بهبود سال هفتم بهار ۸۲ (۱-۱۰)

۱۵. میرزایی شهلا. کیانی امیر. شیخ الاسلامی عباس. بهرامی غلامرضا. الگوی اسیدهای چرب و میزان ایزومرهای ترانس در کره های گیاهی موجود در بازار ایران. مجله بهبود سال هشتم پاییز

Presentations:

1. 5th International Controlled Release Conference of Iran (ICRC 2011), 4-6 October, 2011 in Mashhad, Iran. entitled: “Encapsulation of probiotic bacteria with alginate-psyllium and evaluation of survival in simulated gastrointestinal conditions.
2. 12th Iranian pharmaceutical sciences congress(IPSC 2010) held on August 2010 in Zanjan, IRAN and presented a paper in poster session entitled: “microencapsulation of *Lactobacillus acidophilus* in alginate – xanthan and evaluation of viability during gastrointestinal transit”
3. 4th Iranian Controlled Release Conference (ICR2009) at school of pharmacy, Zanjan University of medical sciences. “Preparation of alginate - chitosan – alginate Lactobacillus Acidophilus Microcapsulation For oral delivery”.
4. 12th Iranian Congress of Microbiology 23-5-2011 until 26-5-2011, Kermanshah, Iran.
5. 10th Iranian pharmaceutical sciences congress (IPSC 2006) August 2006 in Tehran , IRAN and presented a paper in poster session entitled: Determination of atorvastatin in human serum by reversed-phase high-performance liquid chromatography with UV detection.
6. 8th Iranian pharmaceutical sciences congress(IPSC 2002) August 2002 in Shiraz, IRAN and presented a paper in poster session entitled: Comparison Amytriptili pharmacokinetic in Iranian product with reference.
7. 3rd Iranian conference of Novel Drug Delivery Systems, 20 June 2007, by presentation poster entitled: Evaluating Drug Retardation efficiency of one layer and three layer matrices prepared from natural gum and semi synthetic polymers.
8. 25th International Symposium on Chromatography, October 4-8, 2004- Palais des Congres-Pris-France.
9. SBS⁰⁵ *Separation in the BioSciences*(SBS’05) in Utrecht, The Netherlands, from 18-21 September 2005, present a poster” Determination of acyclovir in human serum by HPLC using liquid-liquid extraction and its application in pharmacokinetic studies

۱۰. سومین همایش سراسری سایکوفارماکولوژی ایران، اصفهان، ایران ۱۳۸۳ اسفند.

۱۱. شانزدهمین کنگره فیزیولوژی و فارماکولوژی ایران ۱۹-۲۳ اردیبهشت ۱۳۸۲. دانشگاه تربیت مدرس، تهران، ایران.

۱۲. سمینار امنیت غذا، روغنهای خوراکی چالشها و راهکارها، ۲۲-۲۳، ۱۳۸۳، دانشگاه علوم پزشکی کرمانشاه.

۱۳. اولین همایش متدولوژی در علوم دارویی. مشهد ۳-۵ شهریور ماه ۱۳۸۰.

Workshop:

1. **“Gene Delivery”** in the International Workshop of Targeted Nanomedicine at Kermanshah University (28th Nov- 1st Dec 2011).
2. **International Workshop of “Targeted Nanomedicine”**, Lorestan University of Medical Sciences , (6-7 July 2011, Khorramabad, Iran).
3. **“Nanocapsule” workshop at 12th** Iranian pharmaceutical sciences congress (IPSC 2010) held on August 2010 in Zanjan.
4. **“Nanogel “workshop at 12th** Iranian pharmaceutical sciences congress (IPSC 2010) held on August 2010 in Zanjan.
5. **“Nanoemulsion” workshop at 12th** Iranian pharmaceutical sciences congress(IPSC 2010) held on August 2010 in Zanjan.
6. **“Ovid & EPSCO”** workshop at Kermanshah University held on 89/7/19.
7. **“AFM-PSA-Raman”** Workshop held as a part of Iranian Controlled Release Conference (ICR2009) at school of pharmacy, Zanjan University of medical sciences.
8. **“Flow Cytometry”** Workshop held as a part of Iranian Controlled Release Conference (ICR2009) at school of pharmacy, Zanjan university of medical sciences.
9. **“DSC (Differential Scanning Calorimetry)”** Workshop held as a part of Iranian Controlled Release Conference (ICR2009) at school of pharmacy, Zanjan University of medical sciences.
10. **“LC mass”** Workshop held as a part of Iranian Controlled Release Conference (ICR2009) at school of pharmacy, Zanjan University of medical sciences.
11. **“FERMENTATION”** training course from February 20 to February 22, 2010, the course was founded, organized and launched by Pasteur Institute of Iran.

۱۲. اولین همایش ملی پروبیوتیک و محصولات فرآوریژه . اول و دوم اردیبهشت ماه ۱۳۸۹ توسط دانشکده علوم پایه دانشگاه آزاد اسلامی واحد تهران مرکزی.

۱۳. چهارمین کارگاه عملی **مدلهای رگرایی** ، ۲۳ و ۲۴ تیرماه ۱۳۸۸ مرکز تحقیقات بیولوژی پزشکی دانشگاه علوم پزشکی کرمانشاه.

۱۴. کارگاه آشنایی با **روشهای آماری (SPSS)** دانشگاه علوم پزشکی کرمانشاه، ۲۸-۲۹ بهمن ۱۳۸۲.

۱۵. کارگاه روش تحقیق مقدماتی ۲ الی ۶ مهر ۱۳۸۴. دانشگاه علوم پزشکی کرمانشاه.
۱۶. کارگاه سوء مصرف مواد **Substance Abuse** ۹ و ۱۰ دیماه ۱۳۸۴. دانشگاه علوم پزشکی کرمانشاه ، معاونت آموزشی و پژوهشی دانشگاه.