

## Curriculum vitae

### Seyed Abolfazl Mostafavi

**Address:** School of Pharmacy and Pharmaceutical Sciences,  
Isfahan University of Medical Sciences,  
Isfahan, I.R. IRAN

**Telephone:** +98311 792-2581 (Office)  
+98311-6683495 (Home)

**Fax:** +98311-6680011

**E-mail:** [mostafavi@pharm.mui.ac.ir](mailto:mostafavi@pharm.mui.ac.ir)

**Born:** May 5 1960

**Sex:** Male

**Status:** Married

**Citizen ship:** Iranian

**Employment:** Full professor (Pharmacokinetics and Pharmacodynamics)  
Faculty of Pharmacy and Pharmaceutical Sciences  
Isfahan University of Medical Sciences  
Isfahan, I.R. IRAN

**Education:** **2003-2006** MSc in Medical Education  
Thesis Title: Designing course evaluation instruments for postgraduate programs.  
Supervisor: Dr. T. Changiz,  
Education Development Center  
Isfahan University of Medical Sciences, Isfahan Iran

**1991-1996** PhD in Pharmacokinetics  
Thesis Title: Pharmacokinetics & Pharmacodynamics of Acebutolol Enantiomers  
Faculty of Pharmacy and Pharmaceutical Sciences  
University of Alberta, Edmonton, Canada.

1984-1989: Doctor of Pharmacy (Pharm.D)  
Thesis Title: Amiodarone, Digoxin Interaction  
Supervisors: Dr. M. Pourmoghaddas  
Dr. Gh. Hooshfar

Faculty of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical Sciences,  
Isfahan, I.R. IRAN

**Teaching Experience:**

- Biopharmaceutics, Pharmacokinetics and Pharmacodynamics (Pharm.D Students)
- Advanced pharmacokinetics (PhD. Students)
- Advanced Physicochemical drug control (PhD. Students)
- Pharmacy management (Pharm. D Student)
- Pharmacy administration (Pharm. D Student)
- Introductory to pharmacy (Pharm. D Student)
- Pharmaceutical Quality Control
- English for Pharmacy Students
- Pharmacokinetics of Peptide and Protein (PhD. Students)

**Research Interests:**

- Drug Formulation and Effects of Formulation Parameters on the Release, Bioavailability and Drug Effects
- Pharmacokinetic, Pharmacodynamic and Pharmacogenetic Evaluation of chemical and traditional Drug In Different Conditions
- Therapeutic Drug Monitoring
- Bioavailability/Bioequivalence And Pharmacokinetic Studies of Pharmaceutical Dosage Forms.
- Drug Formulation and Effects of Formulation Parameters on the Release, Bioavailability and Drug Effects

**Administrative and professional experiences:**

**2012-2016** Head of the Department of Traditional Pharmacy, School of Pharmacy and Pharmaceutical Sciences Isfahan, Iran

**2009-2013** Dean of the School of Pharmacy and Pharmaceutical Sciences Isfahan, IR.Iran

**2009-2015** Chairman of Research in Pharmaceutical Sciences journal, School of Pharmacy and Pharmaceutical Sciences Isfahan, IR.Iran

**2009- 2014** Dean of the Isfahan pharmaceutical Research Center, Isfahan, IR.Iran

**1999-2005** Head of the Department of Pharmaceutics, School of Pharmacy and Pharmaceutical Sciences Isfahan, Iran

**1997-1998** Head of the expert committee on clinical trial, The Iranian Ministry of Health and Medical Education (Vice minister in research affair)

**2002-2009** : Member of National Scientific Board of Pharmaceutical Biomaterial.

**2002-2009** : Member of National Scientific Board of Pharmaceutics

**2001-2003** Head of the Isfahan University of Medical Sciences Educational Pharmacies

**1999-2003** Editorial board, Journal of Isfahan Faculty of Pharmacy

**1998-2001:** President of pharmaceutical Committee In Isfahan Science and Technology Town.

**1997-1998:** Scientific Member of Pharmaceutical Committee in Isfahan Science and Technology Town.

**1996-2000:** Member of expert committee on drug quality control, The Iranian Ministry of Health and Medical Education.

### **Research Experience:**

#### **1996- present:**

- Absorption evaluation of traditional drug  
Effects of single and multiple dose administration of drug on organ function .
- Bioavailability and Bioequivalence study of various drug -  
Preparation and in-vitro evaluation of new formulations ( e,g Aspirin glycinated tablets, verapamil osmotic pump)
- In vitro/In vivo Study of Emulgels
- Liver toxicity study of drug in rat

#### **1991-1996:**

- Pharmacokinetics and Pharmacodynamics of Acebutolol Enantiomers (PhD. Thesis)

### **Professional Affiliations:**

1. American Association of Pharmaceutical Scientists (1993- 2003)
2. Iranian Association of Pharmaceutical Scientists (1996- present)

### **Publications:**

1. Abolfazl Mostafavi and Robert T. Foster. Pharmacokinetics of Acebutolol Enantiomers after Intravenous Administration of Racemate in Rat  
Model: A dosing range comparison. *Biopharm & Drug Dispos* 18(5), 397-408, (1997).
2. Abolfazl Mostafavi and Robert T. Foster. Pharmacokinetics of Single And Multiple Intravenous And Oral Administrations of Acebutolol Enantiomers In A Rat Model. *Biopharm & Drug Dispos.* 19, 425-431,(1998).

3. Abolfazl Mostafavi and Robert T. Foster. Pharmacokinetics of Metoprolol Enantiomers Following Single and Multiple Administration of Racemate in Rat. *Int. J. Pharmaceutics* 292, 97-102 (1999).
4. Abolfazl Mostafavi, Richard Z. Lewanczuk and Robert T. Foster. Influence of Acebutolol and Metoprolol on Cardiac Output and Regional Blood Flow in Rats. *Biopharm & Drug Dispos.* 2(4), 121-128,(2000).
5. Abolfazl Mostafavi and Robert T. Foster. Influence of Cimetidine Co-Administration on The Pharmacokinetics of Acebutolol Enantiomers And Its Metabolite Diacetolol In Rat Model : The Effect of Gastric Ph on Double Peak Phenomena. *Int J Pharmaceutics* 255 ; 81-86 (2003).
6. Abolfazl Mostafavi and Robert T. Foster. A Double Peak Phenomenon In Pharmacokinetics Of Acebutolol Enantiomers After Oral Administration : Discontinuous Absorption Of Acebutolol . *Daru* 10(4) (2003).
7. Abolfazl Mostafavi, A. Moghareh Abed, M. Zargarzadeh, A. Azmian, and Gh. Khaghani. Bioequivalence Studies of Amoxicillin / Clavulanate Tablet Formulations. *Research in medical sciences* 7 (supp2) 162-167 (2003).
8. Lotfollah Saghale, Richard C Hider and Abolfazl Mostafavi . Comparison of Automated Continuous Flow Method With Shake Flask Method in Determining Partition Coefficients Of Bidentate Hydroxypyridinone Ligand. *Daru* 11(2) 2003.
9. Abolfazl Mostafavi, Dora Stinson, Kent Dooly, Fakhreddin Jamali. Excretion of Acebutolol And Its Major Metabolite Diacetolol Into Infant Blood Circulation And The Breast Milk. *Iranian Journal of pharmaceutical Research.* 2 (3) 141-144 2003.
11. Abolfazl Mostafavi . Relative Bioavailability of Omeprazole Capsules After Oral Dosing . *Daru* 12 (4) 146-150 2004.
12. Abolfazl Mostafavi, Behzad Zolfaghari, Maryam Mazrooie and Afsaneh Akvan. Patient-Pharmacist Communication. *Payesh* 3 (2) 109-115 2004.
13. Tavakoli N, Etemadyfar M, Mostafavi, SA and P, Tabatabaian Preparation and Physicochemical Evaluation of Diazepam Suppository in Infantile Febrile Seizures. *Armaghane-Danesh* 9 (34) 11-20 2004.
14. Abolfazl Mostafavi, L. Saghale, M. Taher, N. Manteghi. Evaluation of Liver Toxicity of 2-Methyl-3-Hydroxypyridin-4-one in Iron Overloaded Rats. *IJPS* 2006 2((accepted for publication).
15. Abolfazl Mostafavi, Shatalebi, M, Yazdani M, Diclofenac diethyl ammonium emul gel formulation. *Armaghane Danesh* 2006 11(2): 39-49.
16. Abolfazl Mostafavi, Kianoosh Dormiani and Yahya Khazaie, Abbas Azmian, Mohammad Reza. Zargarzadeh Pharmacokinetics of Amoxicillin / Clavulanic Acid Combination after Oral Administration of New Suspension Formulations in Human Volunteers. *International journal of pharmacology* 3(3) : 265-269 2007.
17. J. Varshosaz, R. Talari, S.A. Mostafavi, A. Nokhodchi. Dissolution enhancement of gliclazide using in situ micronization by solvent change method. *Powder Technology* 187 (2008) 222–230

18. Roya Talari , Jaleh Varshosaz , Seyed Abolfazl Mostafavi ,Ali Nokhodchi. Dissolution Enhancement of Gliclazide Using pH Change Approach in Presence of Twelve Stabilizers with Various Physico-Chemical Properties. *J Pharm Pharmaceut Sci* 12(3) 250 - 265, 2009
19. Sayed Abolfazl Mostafavi , Reza Tahvilian, Masoumeh Dehghani poudeha and Zeinab Rafee pour. A Simple Sample Preparation with HPLC-UV Method for Estimation of Clomipramine from Plasma: Application to Bioequivalence Study. *Iranian Journal of Pharmaceutical Research* (2010), 9 (3) :243-250
20. Roya Talari, Jaleh Varshosaz, Saied Abolfazl Mostafavi, and Ali Nokhodchi . Gliclazide Microcrystals Prepared by Two Methods of In Situ Micronization: Pharmacokinetic Studies in Diabetic and Normal Rats. *AAPS PharmSciTech*, Vol. 11, No. 2, June 2010 : 786-792
21. Abolfazl Mostafavi, Jaber Emami, Jaleh Varshosaz, Neal M. Davies. Mahboubeh Rezazadeh. Development of a prolonged-release gastroretentive tablet formulation of ciprofloxacin hydrochloride: Pharmacokinetic characterization in healthy human volunteers. *International Journal of Pharmaceutics*409 (2011) 128–136.
22. Sayed Abolfazl Mostafavi, Ali Mohammad Sabzghabae, Parisa Mirmoghtadaee, Sayed Mahmood Hoseini-Biuki. Emergency Contraception and the Knowledge of Community Pharmacists in Isfahan, Iran. *International Journal of Preventive Medicine*, Vol 2, No 4, October 2011
23. Sayed Abolfazl Mostafavi, Jaleh Varshosaz and Saber Arabian. Formulation development and evaluation of metformin chewing gum with bitter taste masking. *ABR\_41\_12R8-2012*.
۲۴. رحیم بحری نجفی، سید ابوالفضل مصطفوی، محمد رضا مدرس، علیرضا رستمی ده جلالی، محمد بیکانپور. تهیه و بررسی فیلم دهانی سریع شونده ی جدید از سالیوتامول سولفات جهت درمان آسم. *مجله دانشکده پزشکی*. سال سی ام شماره 212 هفته دوم دی ماه 1391.
25. Seyed ziyae Aldin Samsam shariat, Sayed Abolfazl Mostafavi , and Farzad khakpour. Anti- oxidant effects of vitamins C and E on the LDL oxidation mediated by myeloperoxidase. *Iranian Biomedical Journal* 16 (4), 2012.
۲۶. سید ابوالفضل مصطفوی، پریا رمضانلو، نادیا عسگر۲. عوامل موثر بر انتخاب رشته داروسازی و میزان تغییر در انگیزه دانشجویان این رشته در طول دوره تحصیل. *مجله توسعه در آموزش پزشکی* 1391
- 27- Leila Safaeian, Seyed Abolfazl Mostafavi<sup>1</sup>, Tahereh Changiz<sup>2</sup>, Mostafa Mirzadeh<sup>1</sup>. Pharmacists' opinions and self-reporting performance regarding the professional tasks and responsibilities in Isfahan, Iran. *Journal of Education and Health Promotion* Vol. 3 January 2014.
28. Jaber Emami, Mahboubeh Rezazadeh, Mahboubeh Rostami, Farshid Hassanzadeh, Hojjat Sadeghi, Abolfazl Mostafavi, Mohsen Minaiyan, and Afsaneh Lavasanifar. Co-delivery of paclitaxel and a-tocopherol succinate by novel chitosan-based polymeric micelles for improving micellar stability and efficacious combination therapy. *Drug Dev Ind Pharm*, Early Online: 1–11. 2014 Informa Healthcare USA.
29. Mahboubeh Rezazadeh, Jaber Emami, Farshid Hasanzadeh, Hojjat Sadeghi, Mohsen Minaiyan, Abolfazl Mostafavi, Mahboubeh Rostami, and Afsaneh Lavasanifar. In vivo pharmacokinetics, biodistribution and anti-tumor effect of paclitaxel-loaded targeted

chitosan-based polymeric micelle. *Drug Deliv, Early Online*: 1–11, 2014 Informa Healthcare USA.

30. Lana Tamaddon ; Abolfazl Mostafavi ; Mohammad Riazi-esfahani ; Reza Karkhane ; Sara Aghazadeh ; Morteza Rafiee-Tehrani ; Farid Abedin Dorkoosh ; Fahimeh Asadi Amoli . Development, Characterizations and Biocompatibility Evaluations of Intravitreal Lipid Implants. *Jundishapur J Nat Pharm Prod*. 2014 May; 9(2): e16414.

31. Tamaddon L, Mostafavi SA, Karkhane R, Riazi-Esfahani M, Dorkoosh FA, Rafiee-Tehrani M. Design and development of intraocular polymeric implant systems for long-term controlled-release of clindamycin phosphate for toxoplasmic retinochoroiditis. *Adv Biomed Res* 2015;4:32.

32. Jaber Emami, Mahboubeh Rezazadeh, Farshid Hasanzadeh, , Hojjat Sadeghi, Abolfazl Mostafavia, Mohsen Minaiyand, Mahboubeh Rostami, Neal Davies.

33. Taymouri S, Mostafavi A, javanmardi M. Formulation and optimization of-effervescent tablet containing bismugh sub citrate. *J Rep Pharm Sci* 2019;8:236-44.