

Curriculum Vitae

Personal information:

Full name: Reza Tahvilian
Birth Date: Aug. 15 / 1967
Birthplace: Isfahan, Iran
Citizenship: IR. IRAN
Marital status: Married, two children

Address:

Dept. of Pharmaceutics
Faculty of Pharmacy and Pharmaceutical Sciences
Kermanshah University of Medical Sciences and Health
Services (KUMS)
Phone: 0098-831-4276482
Fax: 0098-831-4276493
Cell phone: 0098-918-3326459
E-mail: rtahvilian@kums.ac.ir

Education:

- 1981-1985**; Shohaday Adab high school Isfahan-IRAN
- 1986-1993**; Faculty of Pharmacy and Pharmaceutical Sciences, I. U. M. S. H. S. (Pharm.D.)
- 1992**; Training in pharmaceutical industry, Daroupakhsh Pharmaceutical Company, Tehran I.R. IRAN
- 1993-1994**; Training in pharmacy practice, Shahid Montazery Pharmacy, Faculty of Pharmacy and Pharmaceutical Sciences, I. U. M. S. H. S.
- 1995- April 2002**; Dept. of Pharmaceutics, Faculty of Pharmacy and Pharmaceutical Sciences, I. U. M. S. H. S. (Ph.D)
- 2002-2003**; Sabbatical period at the University of Toronto, Faculty of Pharmacy Department of Pharmaceutics Dr. X.Y. WU Lab.

Employment history:

- 2004-present**; Scientific member of school of pharmacy Kermanshah University of medical sciences (KUMS) as an assistant professor

Management and superintendence:

- **2005-2012**; vice chancellor of Kermanshah University of Medical Sciences (KUMS), food and drug department
- 2004-2012**; Chief manager of chain pharmacies of Kermanshah University of Medical Sciences

Curriculum Vitae

- Member of research committee of University of Medical Sciences
- Member of research committee of School of Pharmacy, Kermanshah University of medical Sciences
- Member of social pharmacy and pharmaceutics committee at secretariats of special pharmaceutics Ministry of Health and Medical Sciences

Research Activities and Experiences:

Dissertations:

- 1993 Pharm.D. Thesis;** Study of different methods on quality control of a herbal drug used for treating urinary lithiasis (A.U.L.)
- **1999 Ph.D. Thesis;** Preparation of a buccal delivery system of cisapride, evaluation of buccal absorption and comparison of its bioavailability with standard oral dosage form

Research projects:

- ***Pharmaceutical dosage from formulation***
 - A:** Formulation of a herbal tablet named Liquofar[®] containing dry extract of liquoric root used for treating pharyngitis
 - B:** Formulation of melissan gel containing extract of *Melissa officinalis* L. for treating herpes simplex
 - C:** Preparation of syrup from *Elaeagnus angustifolia* L.
 - D:** Preparation and standardization of pure Al(OH)₃ powder according to USP from natural sources in IRAN
 - E:** Clinical study of Oleaster for osteoarthritis
 - F:** Preparation of a buccal delivery system of cisapride, evaluation of buccal absorption and comparison of its bioavailability with standard oral dosage form
 - G:** preparation of a buccal delivery system of clotrimazole and physicochemical evaluations
 - H:** preparation of a buccal delivery system of sumatriptan and physicochemical evaluations
 - F:** preparation of finastride gel and physicochemical evaluations
- ***Quality control of different dosage forms***
 - A:** Quality control of liquofar[®] tablet (GolDarou Co.)
 - B:** Quality control of melissan gel (GolDarou Co.)
 - C:** Quality control of Oleaster syrup
 - D:** Quality control of Shiraffza drop (a herbal drug used as lactating agent in mothers)

Curriculum Vitae

E: Quality control of A.U.L. drop (Sankol[®]) (a herbal dosage form used for urinary lithiasis)

F: Quality control of antimigraine drop (a herbal dosage form that used for treating migraine)

• **Bioavailability and bioequivalency studies**

A: Bioequivalency of A.S.A. 325 mg tablets of Pars Darou Co. with comparison to reference dosage form

B: Bioequivalency of A.S.A. 100 mg tablets of Pars Darou Co. with comparison to reference dosage form

C: Bioequivalency of A.S.A. MC 500 mg tablets of Pars Darou Co. with comparison to reference dosage form

D: Bioequivalency of cisapride 10 mg tablets of Sobhan Co. with comparison to reference dosage form

E: Bioequivalency of sertraline 100 mg tablets of Bakhtar Bioshimi Co. with comparison to reference dosage form

• **Hospital pharmacy administration and drug**

dispensing

A: Investigate of prescribing and using drugs situation in Imam Reza (a) Hospital (Kermanshah 2010)

B: study the management system of drug dispensing in Kermanshah educational hospitals at 2011

• **Novel delivery system**

A: Synthesis of pH sensitive comptotheicin-chitosan conjugates and preparation of their nanomicelles as a carrier of comptotheicin

B: Preparation and physicochemical evaluation of smart magnetic hydrogel contain methadone

• **Ethnopharmaceutics**

A: Documentation of traditional therapeutic methods in Kermanshah and Kurdistan province, IR Iran

• **Designing different method for drug determination in pharmaceutical dosage form in vitro & in vivo**

A: Assay developing of cisapride in vitro/in vivo

B: Assay developing of clomipramine in vivo

C: Assay developing of A.S.A. in vitro/in vivo

D: Assay developing of sertraline in vitro/in vivo

Laboratory skills:

• **HPLC and other analytical instruments (e.g. UV & fluorescence spectrophotometer, IR, DSC, GC/MS)**

• **Statistical data analysis (Spss, Excel)**

• **Designing and preparing novel drug delivery systems**

• **Working with computer, Internet**

Communication skills:

- English, Persian languages (spoken / written skills)
- Preparing and delivering scientific seminars in the area of pharmaceuticals especially bioavailability & bioequivalency and novel delivery systems
- Delivering lectures in pharmaceuticals and pharmacy practice
- Managing privately owned Pharmacy for 15 years

Areas of interest in research at present:

- Novel drug delivery systems
- Pharmaceutical formulations (sustained release liposomes, micro encapsulation, mucoadhesives)
- Biopharmaceutics and bioavailability of dosage forms
- TDM
- Drug analysis

Teaching and professional experiences:

- **1993-2002:** Teaching biopharmacy and biopharmaceutics course to undergraduate students of Isfahan Faculty of Pharmacy. Also, teaching drug information and pharmaceutical dosage form courses
- **2004-present:** Teaching different courses of pharmaceuticals I-V to undergraduate students of Kermanshah Faculty of Pharmacy.
- **2004-present:** Teaching pharmaceutical ethics to undergraduate students of Kermanshah Faculty of Pharmacy.

Professional society memberships:

- Iranian Association of Pharmacists
- Society of Pharmaceutical Specialists of IR-IRAN

Seminars and Congresses:

- 1- **R. Tahvilian** M. Falamarzian, F. Moatar, “Potassium determination in a herbal drug named Anti Urinary Lithiasis (A. U. L.)” 44th Annual Congress of the Society for Medical plant Research and a Joint Meeting with Czech Biotechnology Society, Prague, Sept. 3-7 (1996)
- 2- M. Falamarzian, **R. Tahvilian**; “Comparison of fluorimetric and calorimetric methods for aspirin measurement in plasma” Sixth Congress of

Curriculum Vitae

Pharmaceutical Sciences of IRAN Isfahan, Aug 26-27 (1998)

3- M. Falamarzian, and **R. Tahvilian** and A. B. Poorasgar; "A study of bioavailability of Aspirin micro coated tablets" 7th Iranian Seminar of Pharmaceutical Sciences (I. S. P. S.) Mashhad, Aug 26-28 (2000)

4- F. Moatar, A. Sadegpoor, **R. Tahvilian**, N. Saljoghian, S. Golafshan; "Evaluation of Price Butler method in polyphenol determination of herbal drugs." Sixth Student Seminar of IRAN, Ahwaz (2000)

5- Y. Zhou 1, M. Talukdar 2, **R. Tahvilian** 3, X. Wu 3. "Analysis of Xanthan Gum Matrix Tablets Involving Wetting, Water Penetration, Drug Diffusion, Polymer Swelling and Erosion by Finite Element Method" Faculty of Pharmacy, University of Toronto www.aapsj.org/abstracts/AM_2005/AAPS2005-003077.pdf

6- Emami, J., Varshosaz, J., Falamarzian, M., **Tahvilian, R.**, "High performance liquid chromatographic determination, pharmacokinetic and comparative bioavailability studies of cisapride" AAPS annual meeting Toronto Canada

7- **R. Tahvilian***, A. Faramarzi, A. Komasi "Documentation of traditional therapeutic methods in Kermanshah province, IR Iran

Publications:

1-R. Tahvilian1, M. SiahiShadbad, H. Hamishehkar, V. AghababaGharehbagh "Evaluating the Standards of Hospital Pharmacies in Therapeutic Centers Affiliated with Kermanshah

University of Medical Sciences, Iran" World Academy of Science, Engineering and Technology 70 2012

2- J Emami, J Varshosaz, M Falamarzian and RTahvilian"High performance liquid chromatographic determination, pharmacokinetic and comparative bioavailability studies of cisapride." J Pharm Biomed Anal **33**(3):513-20 (2003)

3- SayedAbolfazlMostafavia, **Reza Tahvilian**, MasoumehDehghaniPoudehand ZeinabRafeepour "A Simple Sample Preparation with HPLC-UV Method for Estimation of Clomipramine from Plasma" Iranian Journal of Pharmaceutical Research 9 (3): 243-250(2010)

4- [EhsanSadeghi,MozafarKhazaei, Ali Almasi, NabiShariatifar, SomayehBohlouliOskoiian and **Reza**

Curriculum Vitae

Tahvilian"Recognition of Illegal Tissues in the Meat Products from Kermanshah Supply Centers during the years 2009-2010" Ofogh-e-Danesh. GMUHS Journal.; Vol. 17, No. 2 (2011)]

5-Tahvilian Reza, Moosavi S Sara "Formulation and evaluation of buccoadhesive tablets of clotrimazole Asian journal of pharmaceutics Volume 4 Issue 4 Page194-198(2010)

6- F. Ahmadi H. Rezaei, R. Tahvilian"Computational-aided design of molecularly imprinted polymer for selective extraction of methadone from plasma and saliva and determination by gas chromatography" Journal of Chromatography A Available online 22 October 2012 In Press, Accepted Manuscript

Patents:

- 1- Preparation and physicochemical evaluation of finastride gel
- 2- Preparation and physicochemical evaluation of buccoadhesive tablets of clotrimazole