

## Curriculum Vitae

### Personal information:

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

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### 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

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- 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<sup>®</sup> 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)<sub>3</sub> 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<sup>®</sup> 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)

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**E:** Quality control of A.U.L. drop (Sankol<sup>®</sup>) (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 comptohecin-chitosan conjugates and preparation of their nanomicelles as a carrier of comptohecin

**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)
- Biopharmaceuticals and bioavailability of dosage forms
- TDM
- Drug analysis

**Teaching and professional experiences:**

- **1993-2002:** Teaching biopharmacy and biopharmaceuticals 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.)” 44<sup>th</sup> 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” Six<sup>th</sup> Congress of

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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" 7<sup>th</sup> 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." Six<sup>th</sup> 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](http://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. Tahvilian**1, 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**

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**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