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**Curriculum vitae**

**Behjat Sheikholeslami**

(Pharm.D., Ph.D. in Pharmaceutics)

Assistant Professor, Faculty of Pharmacy, Lorestan University of Medical Sciences, Khorramabad, Iran

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## Education/Degree

- **Ph.D. degree in Pharmaceutics/Pharmacokinetics 2006-2012**

Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran

***Dissertation:*** "Evaluation of the Functional Role of P-glycoprotein in Brain Distribution of Tramadol and its Active Metabolite". The study involved using a single-passage pharmacokinetic approach applied in two groups of P-gp-inhibited and control intact animals (Rat).

***Supervisors:*** Prof. M.R. Rouini, Prof M. Hamidi; ***Co-supervisor***: Prof. M. Sharif Zadeh

- **Doctor of Pharmacy (Pharm. D.) 2000-2006**

School of Pharmacy, Islamic Azad University, Tehran, Iran

***Dissertation:*** "Preparation and characterization of liposomal formulations containing Amikacin"

***Supervisor:*** Dr. Z. Jafariazar

- **High School diploma 1999**

Razi High-school, Arak, Iran

## Areas of interest

- Pharmacokinetic and Neuropharmacokinetics studies
- Drug Metabolism
- Study of the dose dependency and time dependency in pharmacokinetics of drugs and their metabolites.
- Drug transporters (P-glycoprotein)
- Drug-Drug interaction
- Study of diabetes relating effects in pharmacokinetics of drugs
- Animal study

## Research Publications

### *A. Book Chapter*

1. Tramadol, usage, misuse and addiction process; chapter in the book entitled "*The Neuropathology of Drug Addictions and Substance Misuse*", *submitted*
2. Assays for MDMA and its metabolites; chapter in the book entitled "*The Neuropathology of Drug Addictions and Substance Misuse*", *submitted*
3. Assays for Tramadol and its metabolites; chapter in the book entitled "*The Neuropathology of Drug Addictions and Substance Misuse*", *preparation*

***B. Peer—Reviewed Journal Articles***

1. Incidence of acute toxicity in concurrent usage of Tramadol and ecstasy (CYP3A4 versus CYP2D6), *Preparation*
2. Bardia Jamali, **Behjat Sheikholeslami,** Yalda Hosseinzadeh Ardakani, Hoda Lavasani, Mohammad-Reza Rouini (2014). Study of possible Tramadol toxicity in ecstasy abusers, *Substance Abuse (Submitted)*
3. Mina Khezrian, **Behjat Sheikholeslami**, Simin Dadashzadeh, Hoda Lavasani, Mohammad-Reza Rouini (2014). Effect of Cyclosporine A on Hepato-biliary Disposition and Hepatic Uptake of Etopozide in an Isolated Perfused Rat Liver Model, *Cancer Chemotherapy and Pharmacology (Submitted the revised manuscript)*
4. Mohammad-Reza Rouini, Hoda Lavasani, **Behjat Sheikholeslami,** Helen Owen, Mario Giorgi (2014). Pharmacokinetics of mirtazapine and its main metabolites after single intravenous and oral administrations in rats at two dose rates, *DARU Journal of Pharmaceutical Sciences*, 22(1):13
5. Hoda Lavasani, Mario Giorgi, **Behjat Sheikholeslami**, Mohammadhasan Hedayati, Mohammad Reza Rouini (2014). A rapid and sensitive HPLC-Fluorescence method for determination of Mirtazapine and its two major metabolites in human plasma. *Iranian Journal of Pharmaceutical Research, 13(3): 853–862*
6. Mohammad Taghi Beigmohammadi, Majid Hanifeh, Mohammad Reza Rouini, **Behjat Sheikholeslami**, Mojtaba Mojtahedzadeh (2013). Pharmacokinetics Alterations of Midazolam Infusion versus Bolus Administration in Mechanically Ventilated Critically Ill Patients, *Iranian Journal of Pharmaceutical Research*, 12(2): 483–488
7. Hoda Lavasani, **Behjat Sheikholeslami**, Yalda H Ardakani, Mohammad Abdollahi, Lida Hakemi, Mohammad-Reza Rouini (2013). Study of the pharmacokinetic changes of Tramadol in diabetic rats, *DARU Journal of Pharmaceutical Sciences*, 21 (1):17
8. **Behjat Sheikholeslami**, Mehrdad Hamidi, Hoda Lavasani, Mohammad Sharifzadeh, Mohammad-Reza Rouini (2012). Lack of Evidence for Involvement of P-Glycoprotein in Brain Uptake of the Centrally Acting Analgesic, Tramadol in the Rat. *Journal of Pharmacy and Pharmaceutical Sciences*, 15 (5) 606 – 615
9. Mohammad-Reza Rouini, Hoda Lavasani, **Behjat Sheikholeslami**, Vahid Nikoui, Azam Bakhtiarian, Micaela Sgorbini, Mario Giorgi (2012). Pharmacokinetics of Mirtazapine and Its Main Metabolites after Single Oral Administration in Fasting/Fed Horses. *Journal of Equine Veterinary Science*, 33 (6) 410-414

**<u>Co-supervisor in Pharm.D Thesis</u>**

- Dr. Mina Khezrian 2013

***Thesis***: Hepato-biliary pharmacokinetic study of etopozide in rat perfused liver

***Supervisors***: Prof. M.R. Rouini, Prof. S. Dadashzadeh/ ***Co-supervisor***: Behjat Sheikholeslami

**Communications (Conferences)**

- *3rd Basic and Clinical Neuroscience Congress,* **Possible Pharmacokinetic Changes in Concurrent Consumption of Tramadol and Ecstasy** (2014) Tehran, Iran.
- *International Pharmaceutical Sciences Congress,* **Evaluation of the functional role of P-glycoprotein in brain uptake of tramadol in rats** (2012) Isfahan, Iran.
- *European Association For the study of the Liver,* **Diabetes, Liver, Metabolism, Rat** (2011) Lisbon, Portugal.
- *Canadian Society for Pharmaceutical Science,* **Pharmacokinetics and Biodistribution of Tramadol and its Metabolites in Rat** (2010) Vancouver, Canada.
- *International Pharmaceutical Sciences Congress,* **Role of P-glycoprotein in neuro-pharmacokinetic of drugs** (2008) Kerman, Iran.
- *11th Iranian Pharmacy Students Seminar*, **Preparation and characterization of Liposomal formulations containing Amikacin** (2005) Shiraz, Iran
- *10th Iranian Pharmacy Students Seminar*, **Formulation of 25mg Valsartan tablets** (2004) Mashhad, Iran

**Honors and Awards**

- Selected Abstract Award (Student Travel grant), *European Association For the study of the Liver* 2011
- Third selected poster, *11th Iranian Pharmacy Students Seminar* 2005
- Second selected poster, *10th Iranian Pharmacy Students Seminar* 2004

**Reviewing Activities**

- Iranian Journal of Pharmaceutical Research (IJPR), Paper Reviewer
- 16th Iranian Pharmacy Students Seminar, Poster Reviewer
- 14th Iranian Pharmacy Students Seminar, Poster Reviewer

**Experiences**

***A. Teaching***

- School of Medicine, Lorestan University of Medical Sciences, Khorramabad, Iran 2013

*Course*: Pharmacology

- "New Arya" institute, Tehran, Iran. 2010-2013

*Courses*: Physical pharmacy / Pharmaceutics / Metabolism

- Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran. 2009-

*Course*: Practical Biopharmacy

***B. Professional***

- Research Consultant in *Tehran-Chemie Pharmaceutical Company* 2013
- Research Consultant in *Alhavi Pharmaceutical Company* 2012

**Skills**

- Laboratory Skills
- Animal Surgery (Jugular catheterization, Bile duct catheterization, and femoral vein catheterization)
- Brain micro-dialysis in rats
- liver-related perfusion studies in rat
- Bio-analytical method validation
- HPLC analytical method validation
- Instrumental methods, Spectrophotometry, pH analyzing, HPLC and general analytical lab procedures
- Capillary electrophoresis
- Pharmaceutical testing including (Dissolution, Assay, Disintegration, etc.)
- Computer skills; Microsoft Office (Word, Excel, Power Point), Endnote Program, SPSS, Data Analysis

**Complementary courses and certificates**

- Good Clinical Practice workshop, 2014 (*Conducted by Clinical Trial Center, Tehran University of Medical Sciences, Tehran, Iran*)
- Brain micro-dialysis in rats, 2014 (*Conducted by Pasteur institute, Tehran, Iran*)
- Thermal Analysis, 2012 (Conducted by *Tehran University of Medical Sciences, Tehran, Iran*)

- How to publish a scientific journal article? 2011 (*Conducted by Tehran University of Medical Sciences, Springer and Ednaz, Tehran, Iran*)
- The principles and application of LC-Mass chromatography, 2011 (*Conducted by Shahid Beheshti University of Medical Sciences, Tehran, Iran)*
- The principles and application of High performance liquid chromatography, 2010 (*Conducted by Tehran University of Medical Sciences, Tehran, Iran)*
- Experimental design, 2008 (*Conducted by Tehran University of Medical Sciences, Tehran, Iran)*

**Language command**

- Persian: native
- English: Good knowledge of written and oral language
- French: basic

**Memberships**

- Medical Council, I.R. Iran
- Iranian Scientific Pharmaceutical Association
- Iranian Society of Biopharmaceutics and Pharmacokinetics