

## CURRICULUM VITAE

### **Personal information :**

**Given Name: Shadi**  
**Family Name: Baniasadi**  
**Nationality: Iranian**  
**Birth Year: 1973**  
**Gender: Female**  
**Marital status: Married**

### **Address:**

**National Research Institute of Tuberculosis and Lung Diseases, NRITLD,  
Masih Daneshvari Hospital, Shaheed Beheshti University of Medical  
Sciences, Tehran, Iran**  
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### **Academic Background:**

**July-September 2015: Reseach Fellowship, Comprehensive Pneumology  
Center, Munich, Germany.**

**Project title: Utilizing ALICE technology for physiologically realistic  
aerosol-to-cell delivery of multifunctional mesoporous silica nanoparticles**

**July-September 2012: Reseach Fellowship, Division of Clinical  
Pharmacology and Pharmacoepidemiology, Utrecht Institute for  
Pharmaceutical Sciences, Faculty of Science, Utrecht University,  
Netherlands.**

**Project title: Do differences in protein expression profiles of peripheral  
blood neutrophils predict resistance to inhaled corticosteroids therapy in  
asthma?**

**2002-2003: Pharmacology, Ph.D. (completion), Research course in  
Molecular Pharmacology Dept. Pharmacology and Toxicology, Kyorin  
University School of Medicine, Shinkawa, Mitaka, Tokyo, Japan.**

**Project title: Gene expression profiles in T24 human bladder carcinoma  
cells by inhibiting an L-type amino acid transporter, LAT1.**

**1998-2002: Pharmacology, Ph.D., Shaheed Beheshti University of Medical Sciences, Tehran, Iran.**

**Thesis title: Investigation of the effects of acute lead poisoning on apoptosis in rat hippocampus in vivo.**

**1991-1997: Pharmacy, Pharm. D., Tehran University of Medical Sciences, Tehran, Iran.**

**Thesis Title: Effects of lead exposure on licking and yawning behaviour in rats.**

#### **Awadrs/Grants**

- 1) Top student in pharmacy, 1997, Iran**
- 2) Top student in Ph.D. board, 2003, Iran**
- 3) Top researcher in fourth festival of research, 2003, Iran**
- 4) ERS Short-Term Research Training Fellowship, 2012, European Respiratory Society**
- 5) ERS Short-Term Research Training Fellowship, 2015, European Respiratory Society**

#### **Experienced Basic Research Techniques**

- 1) Basic techniques in molecular biology, genomics and proteomics (DNA, RNA & protein extraction, gel electrophoresis, Western blotting, DNA microarray,.....)**
- 2) Cell culture and uptake study using radioisotopes**
- 3) Animal lab working experience**

#### **Work experience:**

**2005-Present: Associate professor (Since 2013)- National Research Institute of Tuberculosis and Lung Diseases, NRITLD, Masih Daneshvari Hospital, Shaheed Beheshti University of Medical Sciences, Tehran, Iran.**

**2004-2005: Assistant professor- Ghazvin University of Medical Science, Tehran, Iran**

#### **Publications:**

- 1- Ghazi-Khansari M, Rezvani N, Bani assadi S, Zarrindast MR. Effects of lead exposure on licking and yawning behaviour in rats. Pharmacol Toxicol. 1998;83(3):120-4.**

- 2- Sharifi AM, Baniasadi S, Jorjani M, Rahimi F, Bakhshayesh M. Investigation of acute lead poisoning on apoptosis in rat hippocampus in vivo. *Neurosci Lett.* 2002;329(1):45-8.
- 3- Baniasadi S, Chairoungdua A, Iribe Y, Kanai Y, Endou H, Aisaki K, Igarashi K, Kanno J. Gene expression profiles in T24 human bladder carcinoma cells by inhibiting an L-type amino acid transporter, LAT1. *Arch Pharm Res.* 2007;30(4):444-52.
- 4- Baniasadi S, Fahimi F, Mansouri D. Serum Sickness-Like Reaction Associated with Cefuroxime and Ceftriaxone. *Ann Pharmacother.* 2007; 41(7):1318-9.
- 5- Fahimi F, Baniasadi S, Malekmohammad M. Neurologic and Psychotic Reaction Induced by Lidocaine. *Journal of Bronchology* 2007;14(1):57-8.
- 6- Baniasadi S, Shalviri G, fahimi F. Developing an adverse drug reaction reporting system at a teaching hospital. *Basic Clin Pharmacol Toxicol.* 2008; 102(4):408-11.
- 7- Fahimi F, Sistanizad M, Abrishami R, Baniasadi S. An observational study of errors related to the preparation and administration of medications given by infusion devices in a teaching hospital. *Iranian J Pharm Res* 2007;6(4): 295-9.
- 8- Baniasadi S, Behzadnia N, Varahram F, Ghazi Tabatabaie L, fahimi F. Enoxaparin utilization evaluation: An observational prospective study in medical inpatients. *Iranian J Pharm Res* 2008; 7(1):77-82.
- 9- Fahimi F, Baniasadi S, Amini S. Adverse Drug Reactions in the Post Coronary Care Unit Inpatients of a Teaching Hospital. *Iranian J Pharm Res* 2008; 7 (3): 223-228.
- 10- Fahimi F, Abbasi Nazari M, Abrishami R, Sistanizad M, Mazidi T, Faghihi T, Soltani R, Baniasadi S. Transcription errors observed in a teaching hospital. *Arch Iran Med* 2009;12(2):173-5.
- 11- Baniasadi S, Fahimi F. Namdar R. Development of an adverse drug reaction bulletin in a teaching hospital. *Formulary* 2009; 44:333-335.
- 12- Fahimi F, Baniasadi S, Najafizadeh K. Dose switch to another dosage form of Neoral increase the risk of medication error? *Ann Transplant* 2009;14(4):58-60.
- 13- Baniasadi S, Eftekhari P, Tabarsi P, Raoufy MR, Masjedi MR, Velayati AA. Protective effect of N-acetylcysteine on antituberculosis drug-induced hepatotoxicity. *Eur J Gastroenterol Hepatol* 2010;22(10):1235-8.
- 14- Baniasadi S, Beizae S, Kazemi B, Behzadnia N, Shafaghi B, Bandehpour M, Fahimi F. Novel VKORC1 Mutations Associated with Warfarin Sensitivity. *Cardiovasc Ther* 2011;29(4):e1-5.
- 15- Baniasadi S, Kobarfard F, Tabarsi P, Hemmati S, Salamzadeh J, Fahimi F. Isoniazid blood levels in patients with pulmonary tuberculosis at a tuberculosis referral center. *Chemotherapy* 2011;57(1):7-11.

- 16- Baniasadi S, Fahimi F. Adverse drug reactions in a pulmonary teaching hospital: incidence, pattern, seriousness, and preventability. *Curr Drug Saf* 2011;6(4):230-6.
- 17- Fahimi F, Sharif Kashani B, Hossein Ahmadi Z, Salamzadeh J, Namdar R, Mousavi S, Ziaie S, Ghazi Tabatabaei L, Tavallae M, Radmand G, Baniasadi S, Masjedi MR. The first pharmacist-based warfarin-monitoring service in Iran. *JPHSR*, 2011;2: 59–62.
- 18- Fahimi F, Amini S, Khodadad K, Nagibi F, Salamzadeh J, Baniasadi S. Evaluation of the effect of *zingiber officinalis* on nausea and vomiting in patients receiving cisplatin based regimens. *Iranian J Pharm Res* 2011;10(2): 379-384.
- 19- Fahimi F, Kobarfard F, Salam Zadeh J, Fakharian A, Abdollahi P, Talasaz A, Mahboobi Pour H, Baniasadi S, Masjedi MR. The bioavailability of salbutamol in urine via volumatic and nonvolumatic valved holding chambers. *WAOJ*, 2011, 4: 179–83.
- 20- Fahimi F, Ghafari S, Jamaati H, Baniasadi S, Tabarsi P, Najafi A, Akhzarmehr A, Hashemian SM. Continuous versus intermittent administration of piperacillin-tazobactam in intensive care unit patients with ventilator-associated pneumonia. *Indian J Crit Care Med*. 2012;16(3):141-7.
- 21- Foroughinia F, Baniasadi S, Seifi S, Fahimi F. Vincristine-induced seizure potentiated by itraconazole following RCHOP chemotherapy for diffuse large B-cell lymphoma. *Curr Drug Saf*. 2012; 7(5): 372-4.
- 22- Baniasadi S, Fahimi F, Kobarfard F. Extemporaneous preparation and stability assessment of omeprazole suspension in a teaching hospital. *IJPTP*. 2012; 3(4): 418-421.
- 23- Fahimi F, Baniasadi S, Mortazavi A, Dehghan H, Zarghi A. Physical and chemical stability of a suspension of mycophenolate mofetil (MMF) prepared at the hospital. *Iranian J Pharm Res* 2012; 11(1): 171-175.
- 24- Baniasadi S, Dorudinia A, Karimi M, Fahimi F. Microbial contamination of single- and multiple-dose vials after opening in a pulmonary teaching hospital. *Braz J Infect Dis*. 2013 Jan-Feb;17(1):69-73
- 25- Allameh Z, Mehrpooya M, Baniasadi S, Fahimi F. Clinical pharmacy services in an Iranian teaching hospital: Type, severity, resolution, and accuracy. *J Res in Pharm Pract*. 2013; 2(1): 10-17.
- 26- Baniasadi S, Habibi M, Haghgoo R, Karimi Gamishan M, Dabaghzadeh F, Farasatinasab M, Farsaei S, Gharekhani A, Kafi H, Karimzadeh I, Kharazmkia A, Najmeddin F, Nikvarz N, Oghazian MB, Rezaee H, Sadeghi K, Tafazzoli A, Shahsavari N, Fahimi F. Increasing the number of adverse drug reactions reporting: the role of clinical pharmacy residents. *Iran J Pharm Res*. 2014;13(1):291-7.

27- Baniasadi S, Shahsavari N, Namdar R, Kobarfard F. Stability assessment of isoniazid and rifampin liquid dosage forms in a national referral center for tuberculosis. *IJPSR*. 2015;6(4):706-9.

28- Farzanegan B, Alehashem M, Bastani M, Baniasadi S. Potential drug-drug interactions in cardiothoracic intensive care unit of a pulmonary teaching hospital. *J Clin Pharmacol*. 2015;55(2):132-6.

#### Submitted manuscripts:

29- Occupational exposure to chemotherapeutic drugs and adverse health effects in oncology ward of a tertiary care teaching hospital

30- Prevalence of HLA\_B\*5701 and its relationship with abacavir hypersensitivity reaction in Iranian HIV infected patients

31- Anti-tuberculosis drug concentrations and treatment outcomes among HIV-infected patients with tuberculosis

32- Important drug classes associated with potential drug-drug interactions in critically ill patients, highlights for cardiothoracic intensivists

#### Abstracts in International & National Congresses:

1- Baniasadi S, Ghazi-Khansari M, Zarrindast MR. the effects of lead exposure on licking behaviour in rats. 1st Iranian Congress of Neurocience, Tehran, Nov 27-29, 1996.

2- Sharifi AM, Baniasadi S, Jorjani M, Rahimi F, Bakhshayesh M. Investigation of the effects of acute lead poisoning on apoptosis in rat hippocampus in vivo. 15th Iranian Congress of Physiology and Pharmacology. Shiraz, 2001.

3- Sharifi AM, Baniasadi S, Jorjani M, Rahimi F, Bakhshayesh M. Effect of acute lead poisoning on Pro-apoptotic Bax and Anti-apoptotic Bcl2 protein expression in rat hippocampus. The 3rd FAONS congress of the federation of Asian-Oceanian neuroscience societies. Seoul, Korea September 28 October 1, 2002.

4- Sharifi AM, Baniasadi S, Jorjani M, Rahimi F, Bakhshayesh M. Effect of chronic lead poisoning on Pro-apoptotic Bax and Anti-apoptotic Bcl2 protein expression in rat hippocampus. 16th Iranian Congress of Physiology and Pharmacology. Tehran, 2003.

5- Baniasadi S, Iribe Y, Kanai Y, Endou H. Investigation of effect of LAT1 inhibitors on gene expression profile in T24. The 76th Annual meeting of the japaneses pharmacological society, Fukuoka, Japan, March 24-26, 2003.

6- Iribe Y, Baniasadi S, Li Y, Kanai Y, Endou H. Characterization of newly identified system L-like amino acid transporter. The 76th Annual meeting

of the Japanese Pharmacological Society, Fukuoka, Japan, March 24-26, 2003.

7- Javan M, Aleboye M, Baniasadi S, Ahmadiani A. Possible Regulatory Role for Protein-Protein Interactions of LAT1 amino acid transporter in Cell Membrane. The 47th Annual Meeting of The Japanese Society of Nephrology, Utsunomiya, Japan, 2004.

8- Baniasadi S, Pourabdollah M, Farnia P, Mohammadi F, Ghanavi J-e-e. Time course of bleomycin-induced pulmonary fibrosis and the antifibrotic effect of losartan. ERS Annual Congress, Stockholm, 2007.

9- Baniasadi S, Fahimi F. Pattern of adverse drug reactions received by spontaneous reporting in a respiratory teaching hospital. The 3rd NRITLD-ERS Joint Congress on Pulmonary Diseases, Intensive Care and Tuberculosis. Tehran, 2008.

10- Fahimi F, Baniasadi S, Kazemi B, Behzadnia N, Shafaghi B, Beizae S, Bandehpour M. A novel vitamin K epoxide reductase complex subunit-1 (VKORC1) mutation and the risk of bleeding. ERS Annual Congress, Berlin, 2008.

11- Amini S, Baniasadi S, Fahimi F. Adverse drug reactions in hospitalized patients in the post coronary care unit ward of a teaching hospital. 11th Iranian Pharmaceutical Sciences Conference, Kerman, August 18-21, 2008.

12- Fahimi F, Hoseinahmadi Z, Baniasadi S, Ghafari S. Cyclosporine blood levels in heart transplant recipients. 11th Iranian Pharmaceutical Sciences Conference, Kerman, August 18-21, 2008.

13- Baniasadi S, Fahimi F, Kobarfard F, Tabarsi P, Salamzadeh J, Hemmati S. Isoniazid plasma concentration monitoring in patients with pulmonary tuberculosis at a teaching referral hospital. ERS Annual Congress, Vienna, 2009.

14- Baniasadi S, Eftekhari P, Tabarsi P, Raoufy MR, Masjedi MR. Protective effect of N-acetylcysteine on antituberculosis drug-induced hepatotoxicity. ERS Annual Congress, Vienna, 2009.

15- Baniasadi S, Fahimi F, Salamzadeh J, Kobarfard F, Fakharian A, Abdollahi P, Masjedi MR. Are spacers different in terms of lung bioavailability of salbutamol? An observational comparative study. ERS Annual Congress, Vienna, 2009.

16- Fahimi F, Baniasadi S, Abrishami R, Hamidi F, Khodabakhshi N, Khayamikia M, Eslami M. Cleanroom establishment and implementation for expensive IV drugs in Masih Daneshvari Hospital. The 1st Iranian Clinical Pharmacy Congress, May 26-28, 2010.

17- Fahimi F, Abbasi Nazari M, Abrishami R, Sistanizad M, Soltani R, Mazidi T, Faghihi T, Baniasadi S. Transcription errors observed in a teaching hospital. The 1st Iranian Clinical Pharmacy Congress, May 26-28, 2010.

- 18- Baniasadi S, Fahimi F, Amini S, Khodadad K. Evaluation of the effect of zingiber officinalis on nausea and vomiting in patients receiving cisplatin based regimens. ERS Annual Congress, Barcelona, 2010.
- 19- Baniasadi S, Fahimi F, Karimi M. Adverse drug reactions in a pulmonary teaching hospital: Incidence, pattern, seriousness, and preventability. ERS Annual Congress, Amsterdam, 2011.
- 20- Fahimi F, Sharif-Kashani B, Baniasadi S, Hamraghani A, Salamzadeh J. Comparative effects of amlodipine and sildenafil on the NT-proBNP levels of patients with COPD-induced pulmonary hypertension. ERS Annual Congress, Amsterdam, 2011.
- 21- Fahimi F, Jamaati HR, Tabarsi P, Baniasadi S, Ghafari S, Hashemian SMR. Clinical efficacy of bolus versus continuous-infusion of piperacillin-tazobactam in VAP treatment. ERS Annual Congress, Amsterdam, 2011.
- 22- Baniasadi S, Fahimi F, Tabarsi P, Nadji SA, Khabiri S, Shahsavari N, Kobarfard F. Therapeutic drug monitoring of isoniazid, rifampin, and pyrazinamide in HIV-infected patients with tuberculosis. ERS Annual Congress, Vienna, 2012.
- 23- Baniasadi S, Dorudinia A, Mobarhan M, Fahimi F. Microbial contamination of single- and multiple-dose vials after opening in a pulmonary teaching hospital. ERS Annual Congress, Vienna, 2012.
- 24- Baniasadi S, Tabarsi P, Nadji SAR, Kobarfard F, Eskandari R, Fahimi F. Anti-tuberculosis drug concentrations and treatment outcomes in patients with both tuberculosis and HIV infection. ERS Annual Congress, Barcelona, 2013.
- 25- Baniasadi S, Bastani M, Farzanegan B. Drug-drug interactions in cardiothoracic intensive care unit of a pulmonary teaching hospital. ERS Annual Congress, Munich, 2014.
- 26- Baniasadi S, Alehashem M. Exposure to chemotherapy drugs and adverse health effects in oncology ward of a pulmonary teaching hospital. ERS Annual Congress, Munich, 2014.
- 27- Baniasadi S, Alehashem M, Farzanegan B. Important drug classes associated with potential drug-drug interactions in critically ill patients, highlights for cardiothoracic intensivists. ERS Annual Congress, Amsterdam, 2015.
- 28- Alehashem M, Baniasadi S, Mohammad Ali Saraf F. Respiratory adverse effects in oncology nurses exposed to antineoplastic drugs. ERS Annual Congress, Amsterdam, 2015.
- 29- Alehashem M, Alaeen Z, Baniasadi S, Shadmehr MB. Antibiotic usage pattern in surgery ward of a pulmonary teaching hospital. ERS Annual Congress, Amsterdam, 2015.

**Research Projects in Progress:**

- Measurement of urinary concentrations of cyclophosphamide and ifosfamide in urinary samples of exposed personnel in oncology unit**
- Toxicity measurement of two therapeutic regimens (Paclitaxel-Doxorubicin and Docetaxel-Doxorubicin) in breast cancer patients.**
- Assessment of knowledge, educational level, skill, and attitude of oncology nurses in chemotherapy administration**
- Investigation of the effect of systemic steroids on treatment and prevention of recurrent tracheal stenosis in postoperative patients**

**Book:**

**National formulary of Iran, 2000**