

# Curriculum Vitae

## Personal Information

**Name:** Shekoufeh

**Surname:** Atashpour

**Date and Place of Birth:** 1985/7/8, Shiraz

**Sex:** Female

**Marital Status:** Single

## Education

### Pharm D

Shiraz University of Medical Sciences, Shiraz, Iran, 2010

**Thesis title:** Antihyperlipidemic Effects and Hepatotoxicity of Aqueous Extract of *Teucrium polium* and Its Fractions on Diabetic Rats

### Ph.D

Pharmacology & Toxicology, Tehran University of Medical Sciences, Tehran, Iran, 2015

**Thesis title:** Molecular Evaluation of Doxorubicin and Quercetin on Apoptosis and Drug Resistance of HT29 and T47D Cancer Stem and non- Stem Cells

## Language Skills

### 1. English

Speaking: Good, Reading: Good, Writing: Good

## Awards & Honors

- 1- **Top Student**  
2004- 2015,
- 2- **5<sup>th</sup> Rank in Basic Science Exam**  
2006,
- 3- **1<sup>st</sup> Rank in Toxicology-Pharmacology Ph.D Entrance Exam**  
2010,
- 4- **1<sup>st</sup> Rank in Board Exam**  
2012,

## Experiences

### Scientific Position

- 1- **Assistant Professor of Pharmacology/Toxicology**  
Jahrom University of Medical Sciences, Jahrom, Iran, 2015- present
- 2- **Teaching Assistant**  
Tehran University of Medical Sciences, Tehran, Iran, 2011-2015
- 3- **Research Assistant**  
Tehran University of Medical Sciences, Tehran, Iran, 2011-2015

## Course Teaching

- 1- **Pharmacology, Toxicology, Clinical pharmacology**

## Books

- 1- “Professional Basic Facts of Pharmacy”, Chapter 5

## Papers

### English

- 1- **Comparative Improvement in Function of Isolated Rat Langerhans Islets by Various Phosphodiesterase 3, 4 and 5 inhibitors**

Authors: Mohammadi M, Atashpour Sh, Pourkhalili N, Nili-Ahmadabadi A, Baeri M, Mohammadirad A, Hassani Sh, Nikfar Sh, Abdollahi M

Asian Journal of Animal and Veterinary Advances, Vol 6, No 12, Year 2011, Page: 1233-1240,

- 2- **Effects of berberine on proliferation, cell cycle distribution and apoptosis of human breast cancer T47D and MCF7 cell lines**

Authors: Barzegar E, Fouladdel Sh, Komeili Movahhed T, Atashpour Sh, Ghahremani MH, Ostad SN, Aziz E.

Iranian Journal of Basic Medical Sciences, Vol 18, Year 2015, Page: 334-342,

- 3- **PI3K/Akt inhibition and down-regulation of BCRP re-sensitize MCF7 breast cancer cell line to mitoxantrone chemotherapy**

Komeili Movahhed T, Fouladdel Sh, Barzegar E, Atashpour Sh, Ghahremani MH, Ostad SN, Majd Z, Aziz E.

Iranian Journal of Basic Medical Sciences, Vol 18, Year 2015, Page: 472-477,

#### **4- Quercetin induces cell cycle arrest and apoptosis in CD133+ cancer stem cells of human colorectal HT29 cancer cell line and enhances anticancer effects of doxorubicin**

Authors: Atashpour Sh, Fouladdel Sh, Komeili Movahhed T, Barzegar E, Ghahremani MH, Ostad SN, Aziz E.

Iranian Journal of Basic Medical Sciences, Vol 18, Year 2015, Page: 635-643,

## **Abstracts and Presentation**

### **English**

#### **1- Communication Skills for Pharmacists**

The 10<sup>th</sup> Iranian Pharmaceutical Sciences Conference, 2006

#### **2- Pharmacy Practice Presentation Panel**

The 11<sup>th</sup> Pharmaceutical Conference, 2004

## **Skills**

### **1. Experiences Works**

Laboratory: Cell Culture, Anti-cancer and Cytotoxicity assays, ELISA, Immunocytochemistry, Immunohistochemistry, qPCR, PCR, qRT-PCR, RT-PCR, Different Blottings, Cell cycle assay and apoptosis assay by Flowcytometry, MACS, hepatic perfusion, Invitro Assay, Animal handling.

### **2. Word, Excel, Power point, SPSS**

### **3. Various web browsers: Netscape, Explorer, Firefox, Safari**

## Memberships

1- Member of Brilliant Talent Organization( Rank= 286)

2008-2010

## Research Interest

1. Clinical studies
2. Mechanistic Toxicology and Pharmacology
3. Antisense and siRNA therapy using NanoPolymer Delivery systems in Cancer Cells
4. Cancer Genetics: Molecular Research related to Drug Resistance, Apoptosis, Cell Cycle, and Metastasis related genes and proteins
5. Pharmacogenetics of drug therapy
6. Anticancer screening: Chemical and Herbal compounds
7. Carcinogenesis and Mutagenesis: Chemical and Herbal compounds
8. Signaling in cancer and Cell cycle inhibition
9. Cancer Stem cell Isolation, identification and treatment