

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- **5th Rank in Basic Science Exam**
2006,
- 3- **1st Rank in Toxicology-Pharmacology Ph.D Entrance Exam**
2010,
- 4- **1st 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**

Authors: 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.

5- Effect of Valproic Acid on Proliferation and Apoptosis of Hepatocellular Carcinoma HepG 2 Cell Line

Authors: Masumeh Sanaei, Fraidoon Kavooosi, Shekoufeh Atashpour, Farshid Abbasi.

Global Journal of Medicine Researches and Studies, 4(1) 2017, Pages: 7-12.

6- Antioxidant effects of aqueous extract of Salep on Paraquat-induced rat liver injury

Authors: Atashpour S, Kargar Jahromi H, Kargar Jahromi Z, Zarei S.

World J Hepatol. 2017 Feb 8;9(4):209-216.

7- DEVELOPMENT, CHANGE, AND IMPLEMENTATION IN THE CURRICULUM OF CLINICAL PHARMACOLOGY IN JAHROM UNIVERSITY OF MEDICAL SCIENCES: THE INTEGRATIVE WORKSHOP MODEL BY SIMULATION

Authors: Shekoufeh Atashpour, Leili Mosalanejad, Yousef Hosseini, Saeed Abdollahifard.

IIOABJ.2017; Vol. 8, Suppl 2: 1-6.

8- Comparison of the effects of Ginger extract with clomiphene citrate on sex hormones in rats with polycystic ovarian syndrome

Authors: Shekoufeh Atashpour, Hossein Kargar Jahromi, Zahra Kargar Jahromi, Mozghan Maleknasab.

Int J Reprod BioMed Vol. 15. No. 9. pp: 561-568, September 2017

9- Effect of Valproic Acid on Proliferation and Apoptosis of Colon Cancer HT 29 Cell Line

Authors: Masumeh Sanaei, Fraidoon Kavooosi, Shekoufeh Atashpour.

Global Journal of Medicine Researches and Studies, 3(1) 2016, Pages: 21-26

10- Effects of Genistein and Synergistic Action in Combination with Tamoxifen on the HepG2 Human Hepatocellular Carcinoma Cell Line

Authors: Masumeh Sanaei, Fraidoon Kavooosi, Shekoufeh Atashpour, Soheila Haghghat.

Asian Pac J Cancer Prev, 18 (9), 2381-2385.

Abstracts, Presentation and congress

English

1- Communication Skills for Pharmacists

The 10th Iranian Pharmaceutical Sciences Conference, 2006

2- Pharmacy Practice Presentation Panel

The 11th Pharmaceutical Conference, 2004

3- Quercetin induces cell cycle arrest and apoptosis in human colorectal HT29 cancer cell line and enhances anticancer effects of Doxorubicin

IPSC 2015

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

2- Member of Research Committee of Jahrom university of medical sciences

2015-2017

3- Member of Basic Science's Research Council of Jahrom university of medical sciences

2016-2017

4- Member of Graduate Council of Jahrom university of medical sciences

2015-2016

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
10. Pharmacognosy, effect of herbal medicine