

*Curriculum  
Vitae*

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# ArashKhorrami, Ph.D



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## Personal Details:

**Date of Birth:** August 4, 1982

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## **Education:**

- 2001-2008 DVM, School of Veterinary; Tabriz Islamic Azad University; Tabriz; Iran
- 2008-2014 Ph.D., Department of pharmacology and toxicology, Faculty of Pharmacy; Tabriz University of Medical Sciences; Tabriz, Iran.

## **Thesis:**

**Ph.D thesis:** *The effect of hypercholesterolemia on ventricular remodeling after myocardial infarction in the rat model of myocardial infarction: role of TLR $\alpha$  expression and activity;* Under supervision of Prof.

AlirezaGarjani.And Prof. NasrinMaleki; 2014.

**DVM thesis:** *Sedative and anxiolytic effect of Citrus vulgaris on rat;* Under supervision of Prof.Delazar, 2007.

## **Teaching and Working Experiences:**

2011-2014: As a lecturer: Teaching Drug Information, Pharmacology for Paramedicine, Nursing and Midwifery students; Tabriz University of Medical Sciences, Marand Islamic azad university, Bonab Islamic azad university

2014-2014: As an assistant professor: Teaching pharmacology for Medicine, paramedicine, nursing and midwifery students; Arak School of Medicine, Arak university of medical sciences

2014-2015: As an assistant professor: Teaching pharmacology for Medicine, paramedicine and nursing students; Rasht School of Medicine, Rasht university of medical sciences.

2015-now: As an assistant professor: Teaching pharmacology for paramedicine, midwifery and nursing students; Maragheh university of medical sciences.

**2015-now: As an assistant professor: Vice-Chancellor in Food and Drugs Affairs**

**2015-now: As a manager of Accreditation of institutions and teaching hospitals committee**

2015-now: As a medical expert in acute ischemic stroke management committee- As an assistant director of Rational Usage of Drugs- member of research committee- member of Council Compilation and Translation- member of medical equipment purchase main committee- member of Economy Committee of medicines and medical equipment

## Research interest

- Cardiac ischemia/reperfusion injury
- Protective mechanisms of preconditioning and postconditioning in the Heart failure
- Effects of synthetic/ natural compounds on cardiac arrhythmias and myocardial infarction
- Male fertility and infertility
- Heavy metals toxicity
- Analytical Toxicology, Mechanistic aspects of chemical carcinogenesis, oxidative Stress and chemo-prevention aspects of disease control using herbal preparations.

## Publications

1- A Azimi, MF Hagh, B Yousefi, MA Rahnama, **A Khorrami**, MZ Heydarabad, M Najafpour, J Hallajzadeh, A Ghahremani. *The Effect of Prednisolone on miR 15a and miR 16-1 Expression Levels and Apoptosis in Acute Lymphoblastic Leukemia Cell Line: CCRF-CEM.*

Drug research (2016) 66(8):432-435 (Impact Factor: 0.8)

2- SaeedGhanbarzadeh, **ArashKhorrami**, SanamArami. *Nonionic surfactant-based vesicular system for transdermal drug delivery*

*Journal of Drug Delivery* (2015) 22(8)1071-1077 (Impact Factor: 2.56)

3- Mohammad Charkhpour, HamedGhavimi, SaeedGhanbarzadeh, BahmanYousefi, **ArashKhorrami**, MehranMesgar and KambizHassanzadeh. *Protective effect of pioglitazone on morphine-induced neuroinflammation in the rat lumbar spinal cord.*

*Journal of Biomedical Science* (2015) 22-82 (Impact Factor: 2.8)

4- MasoudHamidi, MojtabaZiaee, MasoudDelashoub, Mahdi Marjani, FatemehKarimitabar, **ArashKhorrami**, Hassan Solhi, Nayeb Ali-Ahmadi. *The effects of essential oil of Lavandula angustifolia on sperm parameters quality and reproductive hormones in rats exposed to Cadmium.* 2015: 4(1)

*Journal of Reports in Pharmaceutical Sciences*

**5-ArashKhorrami**,MojtabaHammami, NasrinMaleki-Dizaji, AlirezaGarjan,. *Protective effects of -Tacrolimus on electrocardiogram, cardiac function and histopathology in isoproterenol induced myocardial infarction in rats.*2014; 22(1):68-75.

DARU Journal of pharmaceutical science (Impact Factor: 1.27)

6- MojtabaZiaee, Maryam Ebrahimi, Hassan Nourafcan, **ArashKhorrami**,MasoumehAmiraslanzadeh, AlirezaGarjani,.*The effects of essential oil of Lavandulaangustifolia on isoproterenol-induced myocardial infarction in rat.*2015 ; 14(1):279-89.

Iranian Journal of Pharmaceutical Research (Impact Factor: 0.54)

7- **ArashKhorrami**, SaeedGhanbarzadeh, JavadMahmoudi, AlirezamohajelNayebi, NasrinMaleki-Dizaji, AlirezaGarjani,.(In Press)*Investigation of the Memory Impairment in Rats Fed with Oxidized-Cholesterol-Rich Diet Employing Passive Avoidance Test.*

Drug Research, (Impact Factor: 0.674).

8- **ArashKhorrami**, SaeedGhanbarzadeh, MojtabaZiaee, SanamArami, Reza Vajdi, AlirezaGarjani\*, (In Press), *Dietary cholesterol and oxidized cholesterol; effects on sperm characteristics, antioxidant status and hormonal profile in rats.*

Andrologia, ( Impact factor: 1.78)

9-**Arash Khorrami**, SaeedGhanbarzadeh, MojtabaZiaee, SanamArami, SinaAndalib, NasrinMaleki-Dizaji, Alireza Garjani1 \*,*.Effects of LDL and Oxidized LDL on Cardiac Function in Isoproterenol-Induced Myocardial Infarction in Rat.*2014 ;64(11 ):576-83.

Drug Research, (Impact Factor: 0.674).

10- SaeedGhanbarzadeh, AlirezaGarjani, MojtabaZiaee, **ArashKhorrami**\*, (In Press), *CoQ 10 and L-Carnitine Attenuate the Effect of High LDL and Oxidized LDL on Spermatogenesis in Male Rats.*2014 ;64(10):510-5.

Drug Research, (Impact Factor: 0.674).

11 - SaeedGhanbarzadeh, SanamAramia, ZhalehPourmoazzen, **ArashKhorrami**\*.*Improvement of the antiproliferative effect of Rapamycin on tumor cell lines by poly (monomethylitaconate)-based pH-sensitive, plasma stable liposomes.*2015: 115, 323–330

Colloids and Surfaces B: Biointerfaces, (Impact Factor: 4.152).

12- SaeedGhanbarzadeh, AlirezaGarjani, MojtabaZiaee, **ArashKhorrami\***, *Effects of L-Carnitine and Coenzyme Q10 on Impaired Spermatogenesis Caused by Isoproterenol in male Rats*. 2014 ;64(9):449-53

Drug research, (Impact Factor: 0.674).

13- SaeedGhanbarzadeh, **ArashKhorrami**, SanamArami, *Preparation of optimized Naproxen nano liposomes using response surface methodology*. 2013 ; 44(1):33-39

Journal of Pharmaceutical Investigation, (Scopus indexed).

14- SinaAndalib, Ali Shayanfar, **ArashKhorrami**, NasrinMaleki-Dizaji, Alirezagarjani. *Atorvastatin reduces the myocardial content of coenzyme Q10 in isoproterenol-induced heart failure in rat*. 2014 ;64(5):246-50

Drug research, (Impact Factor: 0.674).

15- Keyvan Yousefi, Hamid Soraya, FatemehFathiazad, **ArashKhorrami**, SanazHamedeyazdan, NasrinMaleki-Dizaji and AlirezaGarjani, *Cardioprotective effect of metanolic extract of Marrubiumvulgare L. on isoproterenol-induced acute myocardial infarction in rats*. 2013;15: 653-660,

Indian journal of Experimental biology, (Impact factor: 1.195).

16- MojtabaZiaee, Mohammad A. Eghbal, JafarRahmani, Mohammad Ghaffarzadeh, **Arashkhorrami**, MortezaSamini, AlirezaGarjani, *Biological evaluation of a new clofibrate analogue silafibrate) in rodents*. 2013;12(3):471-81

Iranian Journal of Pharmaceutical Research, (Impact Factor: 0.674).

17- SaeedGhanbarzadeh, SanamArami, JavadGhasemianYadegari, ZhalehPourmoazzen, **ArashKhorrami\***, *Plasma Stable, pH-Sensitive Fusogenic Polymer-Modified Liposomes: A Promising Carrier for Mitoxantrone*. 2013 ;29(1):81-92

Journal of Biomaterials Applications, (Impact Factor 2.64).

18- **Arash Khorrami**, AlirezaGarjani, SaeedGhanbarzadeh, SinaAndalib, *Reduction of Coenzyme Q10 Content: A Possible Effect of Isoproterenol on Heart Failure and Myocardial Infarction in Rat*. 2014;64(4):177-81

Drug Research, (Impact Factor: 0.663).

17-Hamid Soraya, **ArashKhorrami**, AfaghGarjani, NasrinMaleki-Dizaji, AlirezaGarjani. *Acute treatment with metformin improves cardiac function following isoproterenol induced myocardial infarction in rats.* 2013; ,(64) 1484-1476

Pharmacological Reports, ,(Impact Factor: 2.1).

19-Khosro Adibkia, HosseinBabaei, S. Asnaashari, SinaAndalib, **ArashKhorrami**, HamedGhavimi, ValiJadidinia ,Hamid Hajiloo, Mohammad Barzegar-Jalali,. *Serum Concentrations and Hypoglycemic Effect of Gliclazide: Crosspovidone Solid Dispersion on Streptozotocin Induced Diabetic Rats.* 2013 ;63(2):94-7

Drug Research, (63), 94–97. (Impact Factor: 0.7).

20- Hamid Soraya, Safar Farajnia, SajjadKhani, Maryam Rameshrad, **ArashKhorrami**, ArmitaBanani, NasrinMaleki-Dizaji, AlirezaGarjani,. *Short-term treatment with metformin suppresses toll like receptors (TLRs) activity in isoproterenol-induced myocardial infarction in rat: Are AMPK and TLRs connected?*. 2012 ;14(4):785-91

International Immunopharmacology, (Impact Factor: 2.5).

21-Mojtaba Ziaee, MortezaSamini, Mohammad Ghaffarzadeh, Maryam Ahmadi, Mohammad Ali Egbal , **ArashKhorrami**, SinaAndalib, NasrinMaleki-Dizaji and AlirezaGarjani,. *Synthesis of a Novel Siliconized Analog of Clofibrate (Silafibrate) and Comparison of their Anti-inflammatory Activities.* 2012; 11(1): 91–95.

Iranian Journal of Pharmaceutical Research, (Impact Factor: 0.674).

22-Mojtaba Ziaee, Mehdi Rasouly, **ArashKhorrami**, SinaAndalib, AlirezaGarjani,. *The effect of pentoxifylline on leukocyte accumulation and angiogenesis in an air pouch model in rat.* 2012; 4(1),402-408

Journal of Chemical and Pharmaceutical Research, (Scopus indexed).

23-Fatemeh Fathiazad, Amin Matlobi, **ArashKhorrami**, SanazHamedeyazdan, Hamid Soraya,

Mojtaba Hammami, Nasrin Maleki-Dizaji and Alireza Garjani, *Phytochemical screening and evaluation of cardioprotective activity of ethanolic extract of Ocimum basilicum L. (basil) against isoproterenol induced myocardial infarction in rats.* 2012;20 (1):87-95

DARU Journal of Pharmaceutical Sciences, (Impact Factor: 1.27).

25- Sina Andalib, Alireza Garjani, **Arash Khorrami**, Mojtaba Ziaee, (2011), The Effect of Atorvastatin on Cardiac Remodeling.

Basic and Clinical Pharmacology and Toxicology, 19, 104, (Impact Factor: 2.29).

26- Alireza Garjani, Hassan Rezazadeh, Sina Andalib, Mojtaba Ziaee, Yousef Doustar, Hamid Soraya, Mehraveh Garjani, **Arash Khorrami**, Mostafa Asadpoor and Nasrin Maleki-Dizaji, *Ambivalent Effects of Atorvastatin on Angiogenesis, Epidermal Cell Proliferation and Tumorigenesis in Animal Models.* 2012;16(2);59-67

Iranian Biomedical Journal, 16 (2), (Impact Factor: 0.031).

27- Ali Rezaie, Daryoush Mohajeri, Samad Muhammad Nejad, Ahad Muhammad Nejad, Masoud Taghizadeh-Jahed, **Arash Khorrami**, Mehrdad Pashazadeh, *Study of Histometric and Histopathological Effects of Essential Oil of Pelargonium roseum in Comparison with Phenytoin after Surgical Trauma on Rat's Skin.* 2008;11-19

Pharmaceutical Sciences, (Scopus indexed).

## **Presentations**

1- Alireza Garjani\*, Hamid Soraya, Safar Farajnia, Maryam Rameshrad, **Arash Khorrami**, Banani Armita, Nasrin Maleki-Dizaji. *The possible connection between AMP-activated protein kinase (AMPK) and toll-like receptors (TLRs) in myocardial infarction.*



**13th Iranian Pharmaceutical Sciences Congress. 3-6 September 2012 . Isfahan, Iran.**

- 2- Maryam Rameshrad, KeyvanYousefi, FatemehFathiazad, Hamid Soraya, SanazHamedeyazdan, **ArashKhorrami**, NasrinMaleki-Dizaji, AlirezaGarjani. *A methanolic extract of Marrubiumvulgare L. suppresses inflammatory responses in isoproterenol induced myocardial infarction in rat.*

**13th Iranian Pharmaceutical Sciences Congress. 3-6 September 2012 . Isfahan, Iran.**

- 3- A Garjani, H Soraya, S Farajnia, M Rameshrad, **AKhorrami**, A Banani, N Maleki-Dizaji. *Activation of AMPK by metformin protects infarcted myocardium through suppression of tolllike receptor activity.*

**6th European Pharmacology Congress, Granada, Spain, 17-20 July 2012 . Oral presentation.**

- 4- M. Ziaee, MA Egbal, J. Rahmani, M. Ghaffarzadeh, S. Andalib, A. Khorrami, M. Samini, A. Garjani. *Evaluation of acute and subacute toxicity of a new clofibrate analogue (sikafibrate) in laboratory animals.*

**2nd International Congress of Veterinary Pharmacology; 13-14 December, 2011 , Tehran, Iran.**

- 5- SinaAndali·**ArashKhorrami**·AlirezaGarjani. *Combined atorvastatin and coenzyme Q10 improve the left ventricular function in isoproterenol-induced heart failure in rat.*

**20th Iranian Congress of Physiology and Pharmacology; October 2011 , Hammadan, Iran.**

- 6- **ArashKhorrami**, ,MojtabaZiaee, SinaAndalib, Mehdi Rasouly, AlirezaGarjani. *Inhibitory effect of pentoxifylline on inflammation and angiogenesis in air pouch model.*

**20th Iranian Congress of Physiology and Pharmacology; October 2011 , Hammadan, Iran.**

- 7- **ArashKhorrami**, Saeedghanbarzadeh, MojtabaZiaee, JavadMahmoudi. *Protective effect of Coenzyme Q10 in stroke.*

**6th national & first international Iranian stroke congress, 2013 , Tabriz, Iran.**

8- **Arashkhorrani, Saeed Ghanbarzadeh, Mojtaba Ziaee.** *High Level of Oxidized LDL: A Risk Factor for Stroke.*

**6th national & first international Iranian stroke congress, 2013 , Tabriz, Iran**

9- **Arash Khorrani,** *Guilty or not Guilty: A look at hypercholesterolemia in male fertility disorder*

First annual Research congress of Semnan University of Medical Sciences