

Curriculum Vitae



Name: Mitra Asgharian Rezaee

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Education:

Ph.D of Toxicology (2006-2012): Department of Pharmacology & Toxicology School of Pharmacy, Mashhad University of Medical Science, Mashhad, Iran

Pharm.D (1996-2001): School of Pharmacy, Kerman University of Medical Science, Kerman, Iran

Carrier:

Assistant professor, Department of Pharmacology and Toxicology, School of Pharmacy, Kerman University of Medical Sciences, Kerman, Iran (April 2013-present)

Membership:

Society of toxicology, Washington D.C., USA (March 2008)

Iranian society of toxicology, Tehran, Iran, (August 2007)

Teaching experience:

Pharmacology: Training, Pharm. D. program, Faculty of Pharmacy, Kerman University of Medical sciences, Kerman, Iran. 2013- present

Toxicology: Training, Pharm. D. program, Faculty of Pharmacy, Kerman University of Medical sciences, Kerman, Iran. 2013- present

Poisoning control: Training, Pharm. D. program, Faculty of Pharmacy, Kerman University of Medical sciences, Kerman, Iran. 2013- present

Clinical pharmacology: Training, Pharm. D. program, Faculty of Pharmacy, Kerman University of Medical sciences, Kerman, Iran. 2013- present

Pharmacy practice: Training, Pharm. D. program, Faculty of Pharmacy, Kerman University of Medical sciences, Kerman, Iran. 2013-present

Education of toxicology postgraduate student, Msc. Ph.D. program, Faculty of Pharmacy, Kerman University of Medical sciences, Kerman, Iran. 2013-present

Publication:

1) Fariba Sharififar, Mahnaz Mirimoghadam, Seied Norodin Nematollahi, Hamid Forotanfar, **Mitra Asgharian Rezee**. Cytotoxicity effect of *Zataria multiflora* Boiss. On two human colon carcinoma cell lines. Research Journal of Pharmacognosy 2017; 4:65-70.

2) **Mitra Asgharian Rezaee**, Seyed Adel Moallem, Amir Hooshang Mohammadpour, Mahmoud Mahmoudi, Mojtaba Sankian, Mehdi Farzadnia, Hassan Alavi, Mohsen Imenshahidi. Histopathological study of erythropoietin protective effect on Carbon monoxide-induced cardiotoxicity in rat. Iranian Journal of Basic medical Science 2017;20:1-5

3) **Asgharian Rezaee M**, Mohammadpour AH, Imenshahidi M, Mahmoudi M, Sankian M, Tsarouhas K, Tsakalof A, Tsatsakis AM, Moallem SA. Protective effect of erythropoietin on myocardial apoptosis in rats exposed to carbon monoxide. Life science 2016;148:118-124

- 4) Davoodi D, Hassanzadeh-Khayyat M, **Asgharian Rezaei M**, Mohajeri SA. Preparation, evaluation and application of diazinon imprinted polymers as the sorbent in molecularly imprinted solid-phase extraction and liquid chromatography analysis in cucumber and aqueous samples. *Food Chem* 2014;158:421-8.

- 5) Hamzeloo Moghadam M, Naghibi F, Atoofi A, **Asgharian Rezaee M**, Irani M, Mosaddegh M. Cytotoxic Activity and apoptosis induction by Gaillardin, *Z. Naturforsch.* (2013); 68 c: 108 –112

- 6) **Asgharian Rezaee M**, Moallem S.A, Imenshahidi M, Farzadnia M, mohammadpour A.H. Effects of erythropoietin on electrocardiogram changes in carbon monoxide poisoning: An experimental study in rats, *Iranian Journal of pharmaceutical Research.* 2012; 11: 1191-1199

- 7) Karimi G, Imenshahidi M, Jafarizaveh E, **Asgharian Rezaee M**. vasodilator effect of olive leaf aqueous extract and involvement of cyclooxygenase in the rat aorta. *Pharmacologyonline.* 2009; 2: 365-371

- 8) Foroumadi A, Pournourmohammadi S, Soltani F, **Asgharian-Rezaee M**, Dabiri S, Kharazmi A, et al. Synthesis and in vitro leishmanicidal activity of 2-(5-nitro-2-furyl) and 2-(5-nitro-2-thienyl)-5-substituted-1,3,4-thiadiazoles. *Bioorg Med Chem Lett.* 2005;15(8):1983-5.

- 9) Foroumadi A, Soltani F, **Asgharian-Rezaee M**, Mosafi M.H. Synthesis and evaluation of in vitro antimycobacterial activity of some 5-(5-nitro-2-thienyl)-2-(piperazinyl, piperidinyl and morpholinyl)-1,3,4-thiadiazole derivatives. *Boll Chim Farmac.* 2003; 142:416-9.

Book:

- 1) Effat Behravan, **Mitra Asgharian Rezaee**. Genotoxicity, teratogenicity and mutagenicity of sulfur mustard. In: M. Balali-Mood, M. Abdollahi (Eds), Basic and Clinical Toxicology of Mustard Compounds. Springer International Publishing, Switzerland 2015. 317-348
- 2) Hossein Hosseinzadeh, Lyla Hosseinzadeh, **Mitra Asgharian Rezaee**, Maryam Ghorbani. prescribing in pregnancy by Peter Robin, Mashhad University of Medical Science Publisher, 2011(Translation).

Presentation:

- 1) **Asgharian Rezaee M**, Moallem S.A, Mohamadpour A.H, Imenshahidi M. Protective effect of Erythropoietin on apoptosis following carbon monoxide poisoning, 47th Congress of European Societies of Toxicology (Eurotox 2011), France, Paris, 28-31 August, 2011
- 2) **Asgharian Rezaee M**, Moallem S.A, Mohamadpour A.H, Imenshahidi M. Erythropoietin and its effects on cardiac ischemia: a review, 5th Middle east cardiovascular congress, Kish, Iran, 23-25 February, 2011.
- 3) Behravan E, **Asgharian Rezaee M**, Hoseinzadeh L, Afshari R. Carcinogenesis of sulfur mustard based on Persian literatures, Iranian congress on medical aspect of chemical warfare agents, Birjand, Iran, 22-24 February 2011.
- 4) **Asgharian Rezaee M**, Mohamadpour A.H, Moallem S.A, Imenshahidi M. Carbon monoxide toxicity: cardiovascular disturbance and its treatment, Nation congress of addiction, Intoxication and nursing care, Mashhad, Iran, 27-29 October, 2010
- 5) Karimi GH, Imenshahidi M, Jafari E, **Asgharian Rezaee M**. Mechanism of Vasodilator effect of aqueous decoction of Olive leaf on rat isolated aorta and

hypotension effect, 11th Iranian Pharmaceutical science conference, Kerman, Iran, 18-21 August, 2008.

Ph.D. Thesis:

Evaluation of erythropoietin effect on cardiotoxicity of carbon monoxide poisoning in rat

Pharm.D. thesis:

Synthesis of 5-(5-Nitro-2-Tienyl)-1,3,4-Thiadiazole derivatives as anti-leishmanial agents

Technical Experience:

- 1) *in vivo* and *ex- vivo* experimental model
- 2) Molecular techniques (western blotting, TUNEL, flow cytometry, ELISA)
- 3) Statistical analysis of data by software
- 4) Doing a proteomic project in Vetmed University in Vienna (Austria) as six-month research, (1-D, 2-D gel electrophoresis and analysis by MALDI/TOF/TOF and Mascot protein analysis software)

Project:

- 1) Cytotoxicity of *Zataria Multiflora* extract on the colorectal adenocarcinoma (SW48, HT29) cell lines
- 2) Extraction and analysis of penicillin G in packaged milks in Khorasan province using molecularly imprinted polymers
- 3) Studies of proliferation and osteogenic differentiation of Dental Pulp Stem Cells after Phenytoin Treatment

- 4) Evaluation the effect of methanolic extract of *Crataegus meyeri* on doxorubicin-cardiotoxicity in rat
- 5) Evaluation of dental pulp stem cells effects on viability of colorectal carcinoma cell lines

Research interest:

Molecular biology

Cardiovascular toxicology

Proteomics