

CURRICULUM VITAE



Personal Information

Name: Shadan Saberi

Born: May 27, 1981; Isfahan, Iran

Marital Status: Single

Gender: Female

Nationality: Iranian

University employment

Department of Physiology and Pharmacology, Kerman University of Medical Science, Iran

Membership of Societies

Member of Iranian Society of Physiology and Pharmacology since 2008

Academic Background

B.Sc. in Nursing, 2004, Shahid Sadoughi Yazd University of Medical Science, Yazd, Iran

M.Sc. in Physiology, 2010, Jundishapour Ahvaz University of Medical Science, Ahvaz, Iran

Ph.D in Physiology, (2010-2016), Isfahan University of Medical Science, Isfahan, Iran

Research Interests

Bronchodilatory effect of NaHS

Role of angiotensin 1-7 receptor on regulation of renal blood flow

Effect of estrogen on renal blood flow

Gender difference of renal Na handling and blood pressure

Gender difference of renal Na transporters expression

Role of MicroRNAs in renal fibrosis

Phytoestrogens and renal fibrosis

Publications

- 1) "The role of Mas receptor in renal blood flow response to Ang 1-7 in ovariectomized estradiol treated rats." **Shadan Saberi**, Aghdas Dehghani, Mehdi Nematbakhsh
- 2) "Nitric oxide synthases blockade; L-NAME accompanied with estradiol alter renal blood flow response to angiotensin 1-7 in overactomized rats"
 - a. Aghdas Dehghani, **Shadan Saberi**, Mehdi Nematbakhsh
- 3) "Bronchodilatory effect of hydrogensulfide in rat" Mohammad Kazem Gharib-Naseri, **Shadan Saberi**, Seyyed Ali Mard, and Seyyed Mahmood Latifi, Iran J Basic Med Sci. 2012
- 4) "Effect of pomegranate flower extract on cisplatin-induced nephrotoxicity in rats" Fatemeh Motamedi, Mehdi Nematbakhsh ,Ramesh Monajemi, Zahra Pezeshki, Ardeshir Talebi, Behzad Zolfaghari, Azam Mansoori, **Shadan Saberi**, Aghdas Dehghani, and Farzaneh Ashrafi J Nephropathol. Oct 2014,
- 5) "Protective effect of pomegranate flower extract against gentamicin-induced renal toxicity in male rats " Sadeghi F, Nematbakhsh M, Eshraghi-jazi F, Dehghani A, **Saberi Sh**, Shirdavani S, Ashrafi F, J Renal Inj Prev. 2015
- 6) ,"Cisplatin-Induced Nephrotoxicity Alters Blood Pressure Response to Angiotensin II Administration in Rats" Aghdas Dehghani, **Shadan Saberi**, Mehdi Nematbakhsh, Advanced Biomedical Research, 2015
- 7) "Cisplatin-Induced Nephrotoxicity; Protective Supplements and Gender Differences"
- 8) "Role of Mas Receptor Antagonist A799 in Renal Blood Flow Response to Ang 1-7 after Bradykinin Administration in Ovariectomized Estradiol-Treated Rats"

Presentations; Abstract

- 1) Effect of Testosterone on renal sodium excretion and blood pressure in mice on high salt and high fructose oral presented in 23st international

Iranian congress of physiology and pharmacology. Zahedan university of medical Science, Chabahar- Iran 2018

- 2) Sex differences in renal sodium handling in mice on high salt-high fructose diet in meeting symposium titled" Cardiovascular, Renal and Metabolic Disease: Physiology and Gender" sponcered by the American Physiological Society (APS) occurred in November 17-22, 2015
- 3) Estrogen does not protect ovariectomized mice from increased blood pressure and sodium retention induced by high fructose and high salt diet n Experimental Biology Metting in San Diego, California at April 2-6, 2016
- 4) The effect of cisplatinon response to angiotensin II and endothelial vascular permeability change in female rats. 21st international Iranian congress of physiology and pharmacology. Tabriz university of medical Science, Tabriz- Iran
- 5) The effect of cisplatin on response to angiotensin II and endothelial vascular permeability change in male rats. 21st international Iranian congress of physiology and pharmacology. Tabriz university of medical Science, Tabriz- Iran
- 6) Effect of *Oleaurobia L.* Extract on Blood Glucose, Insulin and Fasting Insulin Resistance Index in Sucrose-induced Diabetes in Female Rat, Abstract booklet. 19th conference of physiology and pharmacology of shahid beheshti university of medical Science, Tehran- Iran
- 7) Evaluation of *Oleaurobia L.* Extract on lipid profile in Sucrose-induced Diabetes in Female Rat Abstract booklet. 19th conference of physiology and pharmacology of shahid beheshti university of medical Science, Tehran- Iran
- 8) Evaluation of *Oleaurobia L.* Extract on Level of Leptin in Sucrose-induced Diabetes in Female Rat. Abstract booklet. 19th conference of physiology and pharmacology of shahid beheshti university of medical Science, Tehran- Iran
- 9) Effect of *Oleaurobia L.* Extract on Hepatic Toxicity in Sucrose-induced Diabetes in Female Rat. Abstract booklet. 19th conference of physiology and pharmacology of shahid beheshti university of medical Science, Tehran- Iran
- 10) Relaxant effect of Tecomastans L. Juss on isolated trachea in rat.

Sabbatical

Six months observation and participation in different projects in Oklahoma State University of America. The experiences were as followings:

- 1) Metabolic cage studies on gender difference of Na handling and blood pressure measurement in high salt-high fructose diet animals
- 2) Expression of Na transporters in kidney tissue were monitored by Real-Time PCR
- 3) Kidney dissection and perfusion of internal medullary collecting duct for studying behavior of special part of nephron