

Curriculum Vitae

Tavafi Majid

professor of Histology & Embryology

E-mail mtavafi@yahoo.com

Or Tavafi.m@lums.ac.ir

Phone +989188527146



Date of CV revision: 01/01/2020

Birth of date: 3/22/1966

Nationality: Iranian

Employment: Lorestan Medical University, Faculty of Medicine, Khoram Abad Iran, Department of Anatomy & Histology. From 1998 – Present.

Research interest: Diabetic nephropathy, Nephrotoxicity, Osteoporosis, Stereology

Education:

Ph.D. of Histology	Graduated 2005	Jondishapur Medical university Ahvaz Iran
M.Sc. of Histology-Embryology	Graduated 1996	Tarbiat Moddares University Tehran Iran
Bachelor of Biology	Graduated 1989	Razi University Kermanshah Iran

Publications:

1-Majid Tavafi, Hassan Ahmadvand, Ahmad Tamjidipoor, Bahram Delfan, Ali Reza Khalatbari Satureja khozestanica essential oil ameliorates progression of diabetic nephropathy in uninephrectomized diabetic rats .2011 , Tissue and Cell 43 : 45–51.

2-Majid Tavafi, Hassan Ahmadvand, Ali Reza Khalatbari, Ahmad Tamjidipoor Effect of Rosmarinic acid in inhibition of diabetic nephropathy in uninephrectomized diabetic ra t . 2011 , Iranian journal of basic medical science. Vol. 14, No. 3, 107-115.

3-Ali Reza khalatbary, Taki Tiraihi, Mandana Beigi Boroujeni, Hasan Ahmadvand, Majid Tavafi, Ahmad Tamjidipoor. Effects of epigallocatechin gallate on tissue protection and functional recovery after contusive spinal cord injury in rats.2010. B R A I N R E S E A R C H 1 3 0 6 : 1 6 8 – 1 7 5.

- 4-Majid Tavafi, Hasan Ahmadvand. Effect of rosmarinic acid on inhibition of gentamicin induced nephrotoxicity in rats. *Tissue and Cell* 43 (2011) 392–397.
- 5-Majid Tavafi, Hasan Ahmadvand, Pooran Toolabi . Inhibitory Effect of Olive Leaf Extract on Gentamicin-induced Nephrotoxicity in Rats. *IJKD* 2012;6:25-32.
- 6-Majid Tavafi. Diabetic nephropathy and antioxidants. *J Nephropathology*. 2013; 2(1): 20-27.
- 7-Hassan Ahmadvanda, , Majid Tavafic and Ali Reza Khalatbaryd . Hepatoprotective and Hypolipidemic Effects of Satureja Khuzestanica Essential Oil in Alloxan-induced Type 1 Diabetic Rats. *Iranian Journal of Pharmaceutical Research* (2012), 11 (4): 1219-1226.
- 8-Majid Tavafi. Inhibition of gentamicin–induced renal tubular cell necrosis. *J Nephropathology*. 2012; 1(2): 83-86.
- 9-Hassan Ahmadvand , Majid Tavafi, Ali Khosrowbeygi. Amelioration of altered antioxidant enzymes activity and glomerulosclerosis by coenzyme Q10 in alloxan-induced diabetic rats. *Journal of Diabetes and Its Complications* 26 (2012) 476–482.
- 10-Hassan Ahmadvand, Majid Tavafi, iravashahS azermalohG, Ali Khosrobeigi,2 Shahrokh Bagheri,4 Foad Abdolapour4Hypolipidemic and Antiatherogenic Effects of Satureja Khozestanica Essential Oil in Alloxan-Induced Type 1 Diabetic Rats. *Zahedan J Res Med Sci*.2013;8(15):
- 11-Majid Tavafi. Protection of renal tubules against gentamicin induced nephrotoxicity. *J Ren Inj Prev*. 2013; 2(1): 5-6.
- 12-Majid Tavafi. Complexity of diabetic nephropathy pathogenesis and investigation design. *J Ren Inj Prev*. 2013; 2(2): 61-65.
- 13-Tamjidipoor A, Tavafi M, Ahmadvand H. Effect of dimethyl sulfoxide on inhibition of post-ovariectomy osteopenia in rats. *Connect Tissue Res*, Early Online: 1–6. DOI: 10.3109/03008207.2013.841678.
- 14-Mohammadzadh S, Abasi M, Tavafi M, Kiani A. Reproductive efficiency of an indigenous Iranian goat (*Capra hircus*). *Animal Research International* (2013) 10(2): 1723 – 1729.
- 15-Tavafi M, Taki Tarihi M, Rezazadeh M.3 dimensional reconstruction of juxtamedullary glomeruli of rabbit by computer. *Kossar Medical Science journal*, 1997, 2(1): 17-22.
- 16-Tavafi M. Intraglomerular mesangium. *Yafte Journal*, 2000, 5:17-21.
-

- 17-Noori B, Tamjidipoor A, Tavafi M. Teratogenic effects of Acetaminophen on mouse fetus. *Yafte Journal*, 2002, 12: 21-27.
- 18-Tavafi M, Dezfulian AR, Mombeini H, et al. Study of chronic effect of Losartan in inhibition of kidney glomerular number and glomerular volume changes in uninephrectomized diabetic rats (Stereological study). *Yafte Journal*, 2004, 23: 27-35.
- 19-Tavafi M, Dezfulian AR, Shams A, et al. Combined study effects of losartan and octreotide in inhibition of glomerular epithelium in uninephrectomized-diabetic rats. *Arak Medical university journal (Rah avard danesh)*, 2005, 2: 32-38.
- 20-Tavafi M, Tamjidipoor A, Noori B. The Effects of Ranitidine Long Term Use on Histological Structure of Mature Rat Testis *Yafte Journal*, 2005, 7(3,4):19-25.
- 21-Dezfulian AR, Tavafi M, Tavakoli A, Tarahio MJ. Stereological study of octreotide's (somatostatin analogue) chronic effects on the prevention of glomerular mesangial expansion in uninephrectomized diabetic rats. *Yafte Journal*, 2007, 8(2):15-22.
- 22- Khalatbary A, Tiraihi T, Beigi Boroujeni M, Ahmadvand H, Tavafi M, Tamjidipoor A. Study of Neuroprotective Effects of Green Tea Antioxidant on Spinal Cord Injury of Rat. *Journal of Iranian Anatomical Sciences*, 2010, 7: 145-152.
- 23-Tamjidipoor A, Tavafi M. The comparison of combined effects of vitamin D3 and Omeprazole on prevention of menopausal osteoporosis in female rats. *Yafte Journal*, 2010, 11(3):
- 24-Tavafi M, Tamjidipoor A, khalatbari A, et al. The effect of Satureja Khozestanica essence on inhibition of glomerular changes in uninephrectomized diabetic rats. *Yafte Journal*, 2011, 12(3):51-61.
- 25-Beiranvand A, Rasoulilian B, Alirezaei M, Hashemi P, Pilevarian A, Ezatpour B, et al . Pretreatment with Olive Leaf Extract partially attenuates cisplatin-induced nephrotoxicity in rats. *Yafteh*. 2010; 11 (5) :35-44.
- 26-Tavafi M, Tamjidipoor A, khalatbari A. Effect of Rosmarinic acid in inhibition of mesangial expansion in uninephrectomized-diabetic rats. *Arak Medical University Journal*, 2012, 5:52-43.
- 27-Toolabi P, Tavafi M, Ebrahimi S, et al. Protective effect of hydroalcoholic olive leaf extract on inhibition of Gentamicin-induced nephrotoxicity in rat. *Yafte Journal*, 2011, 13(3):71-80.
-

28-Ahmadvand H, Tavafi M, Shahsavari G, Khosrowbeygi A, Abdolapour F, Bagheri S et al . The effects of Coenzyme Q10 on serum lipid profile in male rats diabetic. Yafteh. 2011; 13 (1) :1-6.

29-Ahmadvand H, Tavafi M, Gholamreza G, Khosrobeigi A, Bagheri S, Abdolapour F. Hypolipidemic and antiatherogenic effects of *Satureja Khozestanica* essential oil in alloxan-induced Type 1 diabetic rats. Zahedan J Res Med Sci (ZJRMS) 2012; 13(9): 52-55.

30-Hassan Ahmadvand , Majid Tavafi, Ali Khosrowbeygi. Amelioration of altered antioxidant enzymes activity and glomerulosclerosis by coenzyme Q10 in alloxan-induced diabetic rats. Journal of Diabetes and Its Complications 26 (2012) 476–482.

31-Ahmadvand H , Tavafi M, Khosrowbeygi A. Effects of *Satureja Khozestanica* essential oil on hemoglobin HbA1C, serum urea and creatinine in alloxan-induced Type 1 diabetic adult rats J Jahrom Univ Med Sci 2013; 10(4):57-62.

32-Tavafi M, Ahmadvand H Goodarzi S, Rasoulia B. Investigating the Effect of Pretreatment with Oxygen on Inhibition of Gentamycin-induced Nephrotoxicity in Rats. Journal of Shahid Sadoughi University of Medical Sciences. 2013,21(4:523-532.

33-Tavafi M, Tamjidipour A. The long-term effect of bilateral tubal ligation on ovary and uterus in rat (Histopathological study). Yafte Journal, 2013,15(3):46-53.

34-Ahmadvand H, Tavafi M. Amelioration of glomerulosclerosis by *satureja khozestanica* essential oil in alloxan-induced diabetic rats. Zahedan J Res Med Sci (ZJRMS) 2013; 15(...):

35- Houshang Rafighdoost¹, Majid Tavafi², Leila Jafari pour^{1*}, Bahram Rasoulia³, Hassan Ahmadvand⁴, Mona Mahmodi⁵, Marzyeh Rashidi Pour. Effect of Olive Leaf Extract in Inhibition of Renal Ischemia- Reperfusion Injuries in Rat. Anatomical science, August 2013, Volume 10, Number 3.

36- Tavafi M. Complexity of diabetic nephropathy pathogenesis and design of investigations. J Ren Inj Prev 2013; 2(2): 59-62. DOI: 10.12861/jrip.2013.20.

37- Bahram Delfan¹, Ahmad Adineh², Bahram Rasoulia³, Mohsen Asadbeigi⁴, Marzieh Rashidipour⁵, Majid Tavafi. The Effect of Extract of Internal Layer of *Quercus Infectoria* Seed and Olive Leaf Extract on the Prevention of Peptic Ulcer Induced by Indomethacin in Rats. NATIONALPARK-FORSCHUNG IN DER SCHWEIZ (Switzerland Research Park Journal). Vol. 102, No. 11; November 2013.

38-Tavafi M. Diabetic nephropathy and antioxidants. J Nephropathology. 2013; 2(1): 20-27. DOI: 10.5812/nephropathol.9093.

- 39-Ahmad Tamjidipour¹, Majid Tavafi², and Hasan Ahmadvand. Effect of dimethyl sulfoxide on inhibition of post-ovariectomy. *Connect Tissue Res*, Early Online: 1–6
! 2013 Informa Healthcare USA, Inc. DOI: 10.3109/03008207.2013.841678.
- 40- Tavafi M, Ahmadvand H, Tamjidipour A, Rasolian B. Effect of normobaric hyperoxia on gentamicin-induced nephrotoxicity in rats. *Iran J Basic Med Sci* 2014; 17:287-293.
- 41- Tavafi M. Antioxidants against contrast media induced nephrotoxicity. *J Renal Inj Prev* 2014; 3(2):55-56. DOI: 10.12861/jrip.2014.18.
- 42-Ahmadvand H, Tavafi M, Asadollahi V, Jafaripour L, Hadipour-Moradi F, ohammadrezaei-Khoramabadi R, Khosravi P, Salehi H, Cheraghi A. Protective effect of carvacrol on renal functional and histopathological changes in gentamicin-induced nephrotoxicity in rats. *Zahedan J Res Med Sci*. 2015; X(X): XX-XX.
- 43-Ahmadvand et al.: Amelioration of lipid peroxidation in vivo and in vitro by Satureja khuzestanica essential oil in alloxan-induced diabetic rats. *Journal of Diabetes & Metabolic Disorders* 2014 13:119.
- 44-Ahmadvand H, Tavafi M. Amelioration of glomerulosclerosis by Satureja khuzestanica essential oil in alloxan-induced diabetic rats. *Zahedan J Res Med Sci*. 2014; 16(10): 23-26.
- 45- Tavafi M. Suggestions for attenuation of renal ischemia reperfusion injury based on mechanisms involved in epithelial cells damages. *J Nephroarmacol* 2015; 4(1): 1-3.
- 46- Seyyed Amir Yasin Ahmadi^{1*}, Majid Tavafi², Pary Sadat Ahmadi³. A Critical Approach to Administration of Low-Dose Aspirin (LDA) to Improve Implantation Success. *International Journal of Women's Health and Reproduction Sciences* .Vol. 3, No. 4, October 2015, 223–224.
- 47- Tavaf M, Hasanvand A, Ashoory H. Proximal convoluted tubule cells in ischemia and post-injury regeneration. *Acta Persica Pathophysiol*. 2016;1(1):e05..
- 48- Baradaran A, Tavafi M, Ardalan MR Rafieian-Kopaei M. Cisplatin; nephrotoxicity and beyond. *Ann Res Antioxid*. 2016; 1(2):e014.
- 49- Tavafi M. Hibiscus esculentus against hyperglycemia and dyslipidemia. *Ann Res Antioxid*. 2016;1(2):e26.
- 50- Tavafi M, Sameni HR, Tamjidipour A, Hasanvand A, Ashoory H. Antioxidant effect of rosmarinic acid against renal ischemia reperfusion injury in rat; a histopathological study. *Ann Res Antioxid*. 2016;1(2):e24.
- 51- H Ahmadvand, M Tavafi, V Asadollahi, L Jafaripour, F Hadipour-Moradi Protective effect of carvacrol on renal functional and histopathological changes in gentamicin-induced-nephrotoxicity in rats., ... *Zahedan Journal of Research in Medical Sciences* 18 (4)2016.

- 52- K Javadabadi, M Sadoghi, M Tavafi. Effect of apricot tree resin hydroethanolic extract on skin wound healing in rats. *Yafte* 18 (4),2016.
- 53- B Ranjbaran, N Goodarzi, M Tavafi. Stereological Study of the Testicular Tissue of the Persian Squirrel (&60; I&62; *Sciurus anomalus*&60;/I&62;). *International Journal of Zoological Research* 12 (3), 32-39, 2016.
- 54- Seyyed Amir Yasin Ahmadi, Pary Sadat Ahmadi, Majid Tavafi, Afshin hasanvand. Vascular Endothelial Growth Factor (VEGF) and Its Controversies about Nephrotic Syndrome and Diabetic Nephropathy: A Systematic Review. *Int J Intg Med Sci* 2016;3(2):229-231. DOI: 10.16965/ijims.2016.106
- 55- Jafaripour L, Rasouljan B, Tavafi M, Rafighdoost H, Mahmodi M, Rashidipour M, et al. Pretreatment with Olive Leaf Extract Improves Renal and Liver Antioxidant Systems Following Renal Ischemia-Reperfusion Injury in Rats. *Herb. Med. J.* 2016;1(1):37-46.
- 56- M Akbari, N Goodarzi, M Tavafi. Stereological assessment of normal Persian squirrels (*Sciurus anomalus*) kidney. *Anatomical science international* 92 (2), 267-27. 2017.
- 57- H Ahmadvand, G Shahsavari, M Tavafi, S Bagheri, MR Moradkhani. Protective effects of oleuropein against renal injury oxidative damage in alloxan-induced diabetic rats; a histological and biochemical study. *Journal of Nephropathology* 6 (3), 204. 2017.
- 58- Tamjidipour A, Tavafi M, Ahmadvand H. A Stereological Study Concerning the Role of Satureja Khuzestanica Essential Oil in the Improvement of Mesangial Expansion in Uninephrectomized Diabetic Rats. *Herb. Med. J.* 2017;2(4).
- 59- A SAYAHI, M TAVAFI. AN IDEA ON INHIBITION OF TRANSPLANTS REJECTION BY MIMICKING IMMUNOLOGICAL MECHANISMS INVOLVED IN FETUS TOLERATION AGAINST MOTHER 2017.
- 60- K PARSANI, S MOHAMMADZADEH, M TAVAFI. Effect of Satureja Khuzistanica powder in diet on testis histomorphometric in native rooster *JOURNAL OF ANIMAL PRODUCTION (JOURNAL OF AGRICULTURE)*. 2017: 19 (100310), 223-232
- 61- Farzaneh Chehelcheraghi^{1*}, Abolfazl Abbaszadeh² and Magid Tavafi². Skin Mast Cell Promotion in Random Skin Flaps in Rats using Bone Marrow Mesenchymal Stem Cells and Amniotic Membrane. *Iranian Biomedical Journal* 22 (5): 322-330 September 2018. DOI: 10.29252/ibj.22.5.322.
- 62- Tavaf M. Biomarkers of diabetic nephropathy detection, today and future. *J Renal Endocrinol.* 2018;4:e07.
- 63- S SOORI, S MOHAMMADZADEH, M TAVAFI. ГИСТОМОРФОМЕТРИЯ ЯИЧЕК И ХАРАКТЕРИСТИКА СПЕРМАТОЗОИДОВ У БАРАНОВ (*Ovis aries* L.) ПОРОДЫ Lori. *Сельскохозяйственная биология.* 2019: 54 (2), 239-245.

64- F Ashouri, F Beyranvand, NB Boroujeni, M Tavafi, A Sheikhian, AM Varzi, ...

Macrophage polarization in wound healing: role of aloe vera/chitosan nanohydrogel

Drug delivery and translational research.2019, 1-16

65- Hasanvand A, Tavafi M, Ahmadvand H, Tamjidipour A. Effect of dimethyl sulfoxide in combat with gentamicin induced nephrotoxicity in rats. J Nephrothol. 2020;9(1):e04. DOI: 10.15171/jnp.2020.04.

66- Tavafi M, Ahmadvand H, Tamjidipour A, Hasanvand A. Rosmarinic acid ameliorates renal ischemia reperfusion damage in rats. J Nephrothol. 2020;9(2):e15. DOI: 10.15171/npj.2020.15 65-

Teaching:

Medical Histology (Theory and Practice)	31 Term
Medical Embryology	28 Term
Bachelor of Anatomical sciences(General Histology)	4 Term
Bachelor of Anatomical sciences(special Histol)	4 Term
Bachelor of Anatomical sciences(General embryology)	4 Term
Bachelor of Anatomical sciences(special embryology)	4 Term
Bachelor of Anatomical sciences(special Histol Techniquis)	4 Term
Obstetric Histology (Theory and practice)	12 Term
Obstetric Embryology	11 Term
Laboratory Histology(Theory and practice)	12 Term

Presentations:

- Architecture of renal glomeruli
- Molecular mechanisms of cell aging
- Biology of intraglomerular mesangium
- Biology of podocyte
- Diabetic nephropathy pathogenesis
- Biology of osteoclast and osteoporosis
- Particles volume estimation in in tissue sections
- Point counting rule in volume density estimation
- Oxidative stress

Supervisor of thesis:

- Medical thesis (Jamal Shahriari) 2009
 - M.Sc. thesis (Poran Toolabi) 2010
-

- Medical thesis (Samira Goodarzi) 2010

- M.Sc. thesis (Elahe Jafaripour) 2013

-M.Sc. thesis(fateme mohhamadi)2018
