

# CURRICULUM VITAE

## I -PERSONAL DATA

First name: Mohammad reza

Family name: PANJEHSHAHIN

Date of birth: Jan. 5. 1953

Place of birth: Shiraz, Iran

Nationality: Iranian

Marital status: Married with one child

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## II- EDUCATION

B.Sc. in Chemistry, Shiraz University, Shiraz, Iran, 1975

M.Sc. in Organic Chemistry, Shiraz University, Shiraz, Iran, 1977

M.Sc. in Pharmacology (informal), Shiraz University, Shiraz, Iran, 1983

Ph.D. in Pharmacology, Leeds University, Leeds, U.K., 1989

## III-EXPERIENCES

Instructor of Chemistry, Baluchistan University, Zahedan, Iran, 1977-1981

Postdoc. Fellow of Pharmacology, Leeds University, Leeds, U.K., 1989-1990

Assistant Professor of Pharmacology, Shiraz University of Medical Sciences, Iran, 1990-1995

Associate Professor of Pharmacology, Shiraz University of Medical Sciences, Iran, 1995---2002

Professor of Pharmacology, Shiraz University of Medical Sciences, Iran, 2003....

## IV-ADMINISTRATIVE WORKS

Chancellor, Shiraz University of Medical Sciences 2002....

Vice-Chancellor for Research, Shiraz University of Medical Sciences, 1992--- 2001

Head, Department of Pharmacology, Shiraz Univ. of Med. Sci., 1996---

Dean, Faculty of Pharmacy, Shiraz Univ, of Med. Sci., 1995-1996

Member of Iranian Board of Pharmacology, 1994----

## V- AWARDS

Scholarship towards Ph.D degree in Pharmacology by Shiraz Univ. of Med. Sci. 1986-1989

Scholarship for a 3-wks course in Health System Research in Thailand by WHO in Sept. 1995

## VI- MEMBERSHIP

Member of British Pharmacological Society, 1992----

Member of Iranian Society of Physiology and Pharmacology, 1994----

## VII- PUBLICATIONS

- 1\_ **Panjehshahin, M.R.**, Bowmer, C.J. & Yates, M.S. (1989). A pitfall in the use of double-reciprocal plots to estimate the intrinsic molar fluorescence of ligands bound to albumin. *Biochem. Pharmacol.* 38: 151-155.
- 2\_ **Panjehshahin, M.R.**, Bowmer, C.J. & Yates, M.S. (1991). Effect of Valproic acid, its unsaturated metabolites and some structurally related fatty acids on the binding of warfarin and dansylsarcosine to human albumin. *Biochem. Pharmacol.* 41(8): 1227-1233.
- 3\_ Mackay, D, **Panjehshahin, M.R.** & Bowmer, C.J. (1991). Analysis of the binding of fluorescent ligands to soluble proteins. *Biochem. Pharmacol.* 41(12): 2011-2018.
- 4\_ **Panjehshahin, M.R.**, Chahil, R.S., Collis, M.G., Bowmer, C.J. & Yates, M.S. (1991). The effect of 8-cyclopentyl-1,3-dipropylxanthine on the development of cyclosporine-induced acute renal failure. *J. Pharm. Pharmacol.* 43: 525-528.
- 5\_ **Pnjehshahin, M.R.**, Yates, M.S. & Bowmer, C.J. (1992). A comparison of drug binding Sites on mammalian albumins. *Biochem. Pharmacol.* 44(5): 873-879.
- 6\_ **Panjehshahin, M.R.**, Munsey, T.S., Collis, M.G., Bowmer, C.J. & Yates, M.S. (1992). Further characterization of the protective effect of 8-cyclopentyl-1,3-dipropylxanthine On glycerol-induced acute renal failure in the rat. *J. Pharm. Pharmacol.* 44: 109-113.
- 7\_ Fardaei, M., **Panjehshahin, M.R.**, Owji, A.A. & Vassei, M. (1994). Elevation of Serotonin level in serum and platelets of rats with glycerol-induced acute renal failure. *Iranian J. of Med. Sci.* 19: 101-105.
- 8\_ Fardaei, M., **Panjehshahin, M.R.**, Owji, A.A. & Vassei, M (1998). Serotonin levels In plasma and platelet of cyclosporin A-treated rats. *Iranian J. of Med. Sci.* 23: 89-93
- 9\_ **Panjehshahin, M.R.**, Vassei, M, Vatankhah, M. & Owji, A.A (1999). Effect of a selective A1 adenosine antagonist on uranyl nitrate-induced acute renal failure in rats. *Iranian J. of Med. Sci.* 24: 104-108.
- 10\_ Zerehsaz, F., Salmanpour, R., Handjani, F., Ardehali, S., **Panjehshahin, M.R.**, Tabei, S.Z. & Tabatabaee, H.R. (1999). A double-blind randomized clinical trial of a topical herbal extract (Z-HE) versus systemic meglumine antimoniate for the treatment of cutaneous leishmaniasis in Iran. *Int. J. Dermatol.* 38: 610-612.
- 11\_ Salmanpour, R., Handjani, F., Zerehsaz, F., Ardehali, S. & **Panjehshahin, M.R.** (1999). Erysipeloid leishmaniasis: an unusual clinical presentation. *Eur. J. Dermatol.* 9: 458-9.
- 12\_ Deghani, F., **Panjehshahin, M.R.**, Karbalaee-doost S.(1999). Toxic effect of water extraction of . . . Teucrium polium on liver (Histological study). *J. Birjand Univ. Med. Sci.* 6(1-2): 48-50.

- 13\_ Alborzi, A., Pourabbas, Ba., Salehi, Hh., Pourabbas, Bh., Oboodi, B. & **Panjeshahin, MR.** (2000) Prevalence and pattern of antibiotic sensitivity of methicillin-sensitive and methicillin resistant staphylococcus aureus in Shiraz-Iran. *Iranian J. of Med. Sci.* 25(1&2): 1-8
- 14\_ **Panjeshahin M.R.**, Rastegar Lari A., Talei A.R., Shamsnia J., Alaghebandan R. (2001). Epidemiology and mortality of burns in the South West of Iran. *Burns*, 27: 219-226.
- 15\_ Dehghani, F., Dezfulian, A., **Panjeshahin, M.R.**, Tabei, S.Z., Mombeini, H., Zahiri, S.H. (2002). A Stereological study of kidney volume in glycerol-induced acute renal failure in male rats. *J. Med. Res.*; 1(1):9-14
- 16\_ Owji, A.A, Khoshdel, Z., Sanca, F., **Panjeshahin, M.R.** et al. (2002). Effects of intracerebroventricular injection of glucagon like peptide-1 and its related peptides on serotonin metabolism and on levels of amino acids in the rat hypothalamus. *Brain Res.* 929: 70-75
- 17\_ Rastegar Lari, A., **Panjeshahin, M.R.**, Talei, A.R., Rossignol, A.M., Alaghebandan, R. (2002). Epidemiology of childhood burn injuries in Fars Province, Iran. *J. Burn Care Rehabit.* 23: 39-45
- 18\_ Jahadi Hosseini, H.R, Ghaemi, Z., Alborzi, A., **Panjeshahin, M.R.** Roositalab, M.H., Katbab, A., Khoshniat, H., Movahhedan, H., Nejabat, M., Saloti, R. Oboodi, B., Badiiee (2002). In vitro Susceptibility of Fungal Isolates of Keratomycosis to Antiseptic Agents, *Iranian J. of Med. Sci.* 27(3): 1-5.
- 19\_ M. J. Zibaenezhad, AFAGA, M. Rezaiezadeh, A. Mowla, , S. M. T. Ayatollahi, , and, **M.R. Panjeshahin**, (2003). Antihypertriglyceridemic Effect of Walnut Oil. *Angiology*, 54(4): 411-414
- 20\_ Asadi-pooya, A.A., **Panjeshahin, M.R.** and Beheshti, S. (2003). The Antimycobacteria Effect of Honey: An *in vitro* Study. *Biology Forum*, 96: 491-496
- 21\_ Zahiri S.H., Dezfulian, A., **Panjeshahin, M.R.**, Mombeini, H., Dehghani, F., (2003). Study of stereologic method in nephrotoxicity of cisplatin the anti-neoplastic drug in male rats. *J. Mazandaran Univ. Med. Sci.*, 12(3): 1-10.
- 22\_ Dezfulian, A., Dehghani, F., **Panjeshahin, M.R.**, Tabei, S.Z., Mombeini, H., (2003). The effects of aqueous extracts of coffee on the mean glomerular volume in male rat. *J. Arak Univ. Med. Sci.* 6(2): 18-21.
- 23\_ Dehghani, F., **Panjeshahin, M.R.**, Namavar, M.R. (2004). Effect of coffee aqueous extract on heart microscopic structure in rat. *J. Birjand Univ. Med. Sci.*; 11(2): 21-25.

- 24\_ Dehgani, F, Dezfulian, A. R. **Panjehshahin, M. R.**, Mombaeni, H, Tabei, S. Z & Zahiri, SH . .  
 . (2004). Stereologic study on the acute effects of coffee extract on the kidney glomeruli in male . .  
 . rats. *J. Mazandaran Univ. Med. Sci.*, 14: 22-28
- 25\_ Talaei, T., Noorafshan, A., Nikeghbalian, S., **Panjehshahin, M.R.**, Dehghani, F., Azizi, M. & . .  
 . Tanideh, N. (2004). Stereologic Study of the Effects of Prostaglandin E2 on the Induction of . .  
 . Angiogenesis in Full-Thickness Skin Autografts. *ADV. Skin Wound Care*, 17: 202-206.
- 26\_ Takhshid, M.A., Owji, A.A., Vasei, **M.**, **Panjehshahin, M.R.**, Tabei, S.M.B., Tabatabaee, H.R. . .  
 . (2004). Expression of spinal cord fos protein in response to intrathecal adrenomedullin and . . . .  
 . CGRP in conscious rats. *Brain Res.* 1020: 30-36
- 27\_ Kohanteb, J., **Panjehshahin, M.R.**, Sadeghi, E., Tabatabaee, H.R. (2004). Sensitivity Pattern of .  
 . Group A Beta Hemolytic Streptococci Isolated from Patients With Various Streptococcal . . . .  
 . Infections to Penicillin and other Commonly Used Antibiotics. *J. Med. Res.*, 2: 24-30
- 28\_ Dehgani, F, Dezfoulan, A. **Panjehshahin, M.R.**, Mombaini, H. Tabei, S.Z. & Zahiri, S (2004). . .  
 . Steriological evaluation of the number of glumerales in glycerols-induced acute renal failure in . .  
 . male rats *J. of Tebe-Jonub*, 6(2): 122-126
- 29\_ Dehghani, F., Khozani, TT., **Panjehshahin, M.R.**, Karbalaedoost, S.(2005). Effect of Teucrium . .  
 . Polium on histology and histopathology in rat stomach. *Indian J. Gastroenterol.* 24(3): 126-7.
- 30\_ Dehghani, F., Dezfulian, A., **Panjehshahin, M.R.**, Zahiri, SH. (2005). Estimation of glomerular . .  
 . volume in rats with glycerol-induced acute renal failure. *J. Shaheed Sadoghi Univ. Med. Sci.*, . .  
 . 13(4): 71-75
- 31- Dehghani, F., **Panjehshahin, M.R.**, Mirzaee, Z, Mehrabani, D., (2005). Effect of *Foeniculum* . .  
 . *vulare* Organic Extract On Blood Sex Hormones And Reproductive Tissues Of Male Rats. *J. . . .*  
 . *Appl. Anim. Res.* 27: 17-20
- 32\_ **Panjehshahin, M.R.**, Dehghani, F., Talaei-Khozani, ., Panahi, Z,. (2005). The Effects of . . . .  
 . *Hydroalcoholic* Extract of *Actinidia Chinensis* on Sperm Count and Motility, And On The Blood  
 . Levels Of Estradiol And Testosterone In Male Rats. *Arch. Iranian Med.* 8 (3): 211-216
- 33\_ Emamghoreishi, M., Salmanpour, R., **Panjehshahin, M.R.** (2005). Clininical Trial of a herbal . . .  
 . ointment in reduction of hair density in hirsutism. *Iranian J Dermatology.* 8: (3): 218-223
- 34\_ Dehghani, F. Merat, M. **Panjehshahin, M.R.**, Handjani, F. (2005). Healing effect of garlic extract  
 . . on warts and corns, *Int. J.Dermatol.*; 44 : 612 – 615.
- 35\_ Dehghani F., Talaei Kozani T., **Panjehshahin, M.R.**, Panahi, Z.(2006). Toxic effects of hydro . .  
 . alcoholic extract of kiwi (*Actinidia Chinensis*) on the histological structure of the male . .  
 . Sprague\_Dawley rat reproductive tissue. *Iranian J. Sci. & Tech.*, 30 (A1): 19-25

- 36\_ Dehghani F., **Panjehshahin, M.R.**, (2006). Toxic effect of alcoholic extract of *Citrullus Colocynthis* on rat liver. *Iranian Journal of Pharmacology & Therapeutics*, 5(2): 1-3.
- 37\_ Bahmanpour, S., Talaei Kozani T., Vojdani, Z., **Panjehshahin, M.R.**, Poostpasand, A., Zareei, S., Ghaemini, M. (2006). Effect of Phoenix Dactylifera pollen on sperm parameters and reproductive system of adult male rats. *Iranian J. of Med. Sci.* 31(4): 208-212.
- 38\_ Takhshid, M.A., Owji, A.A., **Panjehshahin, M.R.**, (2007). In Vitro effects of adrenomedullin and calcitonin gene related peptide on the release of serotonin and amino acids from rat dorsal spinal cord. *Neuroscience Letters*. 420: 193-197.
- 39\_ Dehghani F., Azizi, M., **Panjehshahin, M.R.**, Talaei Kozani T., Mesbah, F., (2008). Toxic effects of hydroalcoholic extract of *Citrullus Colocynthis* on pregnant rat. *Iranian J. Vet. Res.* 9(1): 42 – 45.
- 40\_ Alborzi, A., **Panjehshahin, M.R.**, Namazi, S. Pourabbas, B., Kadivar, M.R. & Karimi, A. (2004). Antileishmanial activity of harmaline isolated from Peganum Harmala. Submitted for publication.

## VIII- ABSTRACTS

- 1\_ **Panjehshahin, M.R.**, Bowmer, C.J. & Yates, M.S. (1988). Effect of valproic acid and Some of its metabolites on the binding of dansylsarcosine and warfarin to human albumin. *Br. J. Pharmacol.* 93: Proc. Suppl. 287p.
- 2- **Panjehshahin, M.R.**, Bowmer, C.J, & Yates, M.S. (1989). A comparison of drug binding Sites on human and rat albumins. *Br. J. Pharmacol.* 98: Proc. Suppl. 645p.
- 3\_ **Panjehshahin, M.R.**, Collis, M.G., Bowmer, C.J, & Yates, M.S. (1990). Amelioration Of acute renal renal failure with 8-cyclopentyl-1,3-dipropylxanthine: dose Dependency. *Br. J. Pharmacol.* 101: Proc. Suppl. 548p.
- 4\_ **Panjehshahin, M.R.**, Bowmer, C.J. & Yates, M.S. (1991). A comparison of drug binding Sites on human and rat albumins: further evidence. Article No. 75. The 10<sup>th</sup> Iranian Congress of Physiology and Pharmacology, Ahwaz, Iran.
- 5\_ Ghazizadeh, H. Balali, M., Rawanshad, Sh. & **Panjehshahin, M.R.** (1992). Effect of Phenobarbital on serum protein lipids and enzymes in epileptic patients. Article No. 30 5<sup>th</sup> International Congress of Geographic Medicine, Shiraz, Iran.
- 6\_ **Panjehshahin, M.R.**, Bowmer, C.J. & Yates, M.S. (1993). Effect of 8-cyclopentyl, 1,3-dipropylxanthine On cyclosporine-induced acute renal failure in rat. Article No. C49 11<sup>th</sup> Iranian congress of Physiology and Pharmacology, Tabriz, Iran.
- 7\_ Fardaei, M., Owji, A.A, **Panjehshahin, M.R.** & Vassei, M. (1995). Serotonin Metabolism in rats with glycerol-induced acute renal failure. Article No. Sy55 12<sup>th</sup> Iranian Congress of Physiology and Pharmacology, Tehran, Iran.

- 8\_ **Panjehshahin, M.R.** & Samandar, S. (1995). Induction of acute renal failure by uranyl Nitrate: an appropriate animal model for drug research. Article No. P4-89. 12<sup>th</sup> Iranian Congress of Physiology and Pharmacology, Tehran, Iran.
- 9\_ **Panjehshahin, M.R.**, Vatankhah, , Vassei, M. & Owji, A.A. (1997). Effect of 8-cyclopentyl-1,3-dipropylxanthine on the uranyl nitrate- induced acute renal failure in rats. Article No. 28. Abstract book. 13<sup>th</sup>. Iranian Congress of Physiology and Pharmacology, Isfahan, Iran.
- 10\_ Asadipooya, A.A., **Panjehshahin, M.R.**, Motamedi, N. & Alborzi, A. (1997). Antibacterial effect of honey on coagulase positive staphylococcus and pseudomonas. pp. 569, Abstract book. 13<sup>th</sup>. Iranian Congress of Physiology and Pharmacology, Isfahan, Iran
- 11\_ **Panjehshahin, M.R.**, Shahbeigi, M., Najafipour, S., Angagi, F. Tabatabaee, H.R. Pourasadi, Z. & Heydari, L. (1997). Determination of the prevalence of unwanted Pregnancy and study of its relationship with education and socio-economic situation In wemen referred to Shiraz Prenatal Clinics in 1995. OP/31/RH Abstract book. 3<sup>rd</sup>. IEA/EMR Scientific Meeting, Beirut-Lebanon.
- 12\_ **Panjehshahin, M.R.**, Karimi, A., Zibaenejad, M.J., Shahbeigi, S. & Shamsnia, J. (1997). Determination of sodium chloride content of various breads used in Shiraz, Iran, Autumn 1996. P/35/N. Abstract book. 3<sup>rd</sup>. IEA/EMR Scientific Meeting, Beirut-Lebanon.
- 13\_ **Panjehshahin, M.R.**, Owji, A. A . , Shakeri ,S. andTahsinipour,M. (1999) . Relationship between serum calcium, phosphate, albumin, uric acid and electrolytes, and formation of renal stone. Abstract books . Vol II, PP 97, XV International Scientific Meeting of the International Epidemiological Association, Florence – Italy Aug. 1999
- 14\_ **Panjehshahin, M.R.**, Vassei, M. , Vatankhah, M. & Owji, A.A. (1999). Effect of a selective A1- adenosine antagonist on uranyl nitrate- induced acute renal failure in rat. Abstract book, p pp 127,4<sup>th</sup> Congress of Toxicology in Developing Countries. Antalya- Turkey, Nov.1999.

#### **RESEARCH INTERESTS:**

- Studying the pharmacologic effects of active substances in herbs such as: Harmalin, lichoris, myrtle
- Pharmacologic research on animal models of acute renal failure
- Experiments on determining fatal dose of substances