

Mesdaghinia Azam

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Surname: Mesdaghinia
Date of Birth: 5th. June. 1965, Kashan, Iran
Sex: Female
Languages: Persian (native), English (fluent)

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Education:

- 2011 (August to November), Fellowship, Department of Anesthesiology, Pharmacology and Therapeutics, University of British Columbia, Vancouver, Canada.
- 2006 (May to September), Fellowship, Section of Behavioural Pharmacology, Institute of Psychiatry (IOP), King's College London, London, U.K.
- 2000 (March to September), Fellowship, Department of Neuropharmacology, Welsh School of Pharmacy, Cardiff University, Cardiff, U.K.
- 1995 – 2000 Received **Ph.D.** In Pharmacology, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran

Title of Thesis: The Involvement of CCK Receptors in Stress Induced Antinociception in Nerve Ligated Mice.

- 1984–1989 Received **Pharm.D.**, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran

Title of Thesis: Sucralfate and Peptic Ulcer

Institution and Current Position:

- 2011 - Now Head of the Department of Pharmacology, School of Medicine, Kashan University of Medical Sciences, Kashan, Iran

- 2010– Now Associate Professor of Pharmacology, Kashan University of Medical Sciences, Kashan, Iran
- 2008 - 2011 Head of the Department of Physiology and Pharmacology, School of Medicine, Kashan University of Medical Sciences, Kashan, Iran
- 2004– 2006 Head of the Department of Physiology and Pharmacology, School of Medicine, Kashan University of Medical Sciences, Kashan, Iran
- 2001 – 2010 Assistant Professor of Pharmacology, Kashan University of Medical Sciences, Kashan, Iran
- 2001– 2009 Head of the Continuous Education Committee of EDC, Kashan University of Medical Sciences, Kashan, Iran
- 1990 – 2001 Lecturer of Pharmacology, Kashan University of Medical Sciences, Kashan, Iran

Professional Experiences:

- Teaching of Pharmacology Courses for Undergraduate Students (Faculties of Medicine, Paramedicine and Nursing)
- Research Skills Analgesia Assessment, Animal Model of Neuropathic Pain, Nerve Ligation, Impulsive Behaviour Testing, Attention Tests e.g. 5-CSRTT, Animal Models of Epilepsy, Animal Model of Osteoarthritis,

Professional Membership:

- International Association for the study of Pain (IASP)
- Neuropathic Pain Special Interest Group (NeuPSIG)
- Iranian society of Physiology and Pharmacology
- Islamic Republic of Iran Medical Council (IRIMC)

Interests:

- Neuropharmacology, Behaviour, Pain

Publications:

- Mesdaghinia E, Sooky Z, Mesdaghinia A; **Causes of Trauma in Pregnant Women Referred to Shabih-Khani Maternity Hospital in Kashan.** Archives of Trauma Research, spring, 2012; Vol. 1, No 1, Pages 23-26.
- Mesdaghinia E, Mesdaghinia A, Hashemi T, Sooky Z, Mousavi GA. **Comparing the effects of Indomethacin and Magnesium-sulfate in the treatment of preterm labor.** Feyz, Journal of Kashan University of Medical Sciences, 2012; 16(2): 95-101.
- Hamidi GA, Honarkar Ramezani M, Noorani Arani M, Talaei SA, Mesdaghinia A, Banafshe HR; **Ethosuximide reduces allodynia and hyperalgesia and potentiates morphine effects in the chronic constriction injury model of neuropathic pain.** European Journal of Pharmacology (2012) 674: 260-264.
- Banafshe HR, Mesdaghinia A, Noorani Arani M, Honarkar Ramezani M, Heydari A, Hamidi GA; **Lithium attenuates pain-related behavior in a rat model of neuropathic pain: Possible involvement of opioid system.** Pharmacology, Biochemistry and Behavior (2012) 100: 425-430.
- Banafsheh HR, Mesdaghinia A, Honarkar Ramezani M, Noorani Arani M, Banitaba Bidgoli SM, Hamidi GA; **Effect of lithium on neuropathic pain induced by partial ligation of rat sciatic nerve.** Feyz, Journal of Kashan University of Medical Sciences, winter, 2012; Vol. 15, No 4, Pages 294-301.
- Mesdaghinia E, Abbaszadeh F, Mesdaghinia A; **Incidence of perineal trauma in normal spontaneous vaginal delivery in Shabihkhani Maternity Hospital of Kashan during 2007-9.** Feyz, Journal of Kashan University of Medical Sciences, Supplement, 2011; Vol. 14, No 5, Pages 533-538.
- Mianehsaz E, Raygan F, Moravveji AR, Daneshvar Kakhaki R, Mesdaghinia A; **Assessing the effective dose of warfarin in treatment course of the patients referring to Kashan Heart Clinic.** Feyz, Journal of Kashan University of Medical Sciences, Winter, 2011; Vol. 14, No 4, Pages 431-438.
- Mesdaghinia A, Yazdanpanah H, Seddighi M, Banafshe HR, Heydari A; **Effect of short-term lead exposure on PTZ-induced seizure threshold in mice.** Toxicology Letters (2010) Nov 10;199(1):6-9.
- Mesdaghinia A, Heydari A, Khazaee P, Yazdanpanah H; **The enhancement of pentylenetetrazole-induced seizure threshold in mice via cyclooxygenase-2 inhibition by nimesulide.** 13th World Congress on Pain, August 29 - September 2, 2010, Montreal, Canada (Abstract)
- Stolerman IP, Naylor C, Mesdaghinia A, Morris H; **The duration of nicotine-induced attentional enhancement in the five-choice serial reaction time task:**

- lack of long-lasting cognitive improvement.** Behavioural Pharmacology (2009) Dec;20(8):742-54.
- Mesdaghinia A, Heydari A, Khazaei P; **Celecoxib, a cyclooxygenase-2 inhibitor enhances pentylenetetrazole induced seizure threshold in mice.** European Neuropsychopharmacology, (2009) Vol. 19, Supplement 3, S271-S272 (Abstract).
 - Mesdaghinia E, Behrashi M, Mesdaghinia A; **Evaluating pregnancy trauma-induced mother and fetus complications in Kashan during 2005-2006.** *Feyz, Journal of Kashan University of Medical Sciences* (2009) vol. 12 No:5: 11-15.
 - Mesdaghinia A, Khazaei P, Jahangir F, Baniadamian Z; **Pattern of Narcotic analgesic drugs usage among the hospitalized patients in Shahid Beheshti Hospital, Kashan, Iran.** 12th World Congress on Pain, 17-22 August, 2008, Glasgow, UK (Abstract)
 - Mesdaghinia E, Mesdaghinia A, Zolfagharpour A; **A study on traumatic injuries of female genital tract, Kashan-Iran, 2005-.** *Feyz, Journal of Kashan University of Medical Sciences* (2008) vol. 11: 38-42.
 - Nouredini M, Salami M, Mesdaghinia A; **A Study on Analgesic Effect of Aqueous Extract of Menthe Spicata in Rats.** *Feyz, Journal of Kashan University of Medical Sciences* (2007) vol. 10: 19-23.
 - Golbidi S, Ebadi A, Mesdaghinia A; **Preventive Effect of Shseiryuto on Oleic Acid Induced Hypoxemia in Guinea Pigs.** *Feyz, Journal of Kashan University of Medical Sciences* (2007) vol. 10: 14-18.
 - Khamechian T, Mazuchi T, Mesdaghinia A; **A Comparison of Three Pap Smear Collection Methods.** *Journal of School of Public Health & Institute of Public Health Research* (2006) vol. 4: 37-43.
 - Shahtaheri SJ, Mesdaghinia A, Stevenson D; **Evaluation of Factors Influencing Recovery of Herbicide 2,4-D from Drinking Water.** *Iranian Journal of Chemistry & Chemical Engineering* (2005) vol. 24: 33-40.
 - Mesdaghinia A, et. al.; **A Study on The Educational Needs of Pharmacists in Kashan, Iran.** 11th International Ottawa Conference on Medical education, July 6 – 8, 2004, Barcelona, Spain (Abstract)
 - Mesdaghinia A, Samiee F; **Investigation of Stress Induced Analgesia with or without CCK Receptor Agonists and Antagonists in Mice Suffering from**

- Neuropathic Pain Using Hot Plate Test.** Journal of Shahid Sadoughi University of Medical Sciences & Health Services (2004) vol.12: 39-47.
- Mesdaghinia A, Samiee F; **Factors Involved in a T-maze Based Impulsivity Task in Rats Received or Not-received Ethanol.** Sixth IBRO World Congress of Neuroscience, July 10 – 15, 2003, Prague, Czech Republic (Abstract)
 - Mesdaghinia A, et. al.; **The Enhancement of Morphine Induced Antinociception by Caerulein, a CCK Receptor Agonist in Sciatic Nerve Ligated Mice.** The 3rd FAONS Congress of the Fedration of Asian Oceanian Neuroscience Society, Sep. 28 - Oct. 1, 2002, Seoul, Korea (Abstract)
 - Mesdaghinia A, et. al.; **Do CCK Receptors Take a Role in Stress Induced Antinociception?** 5th Scientific Congress of Asian & Oceanian Physiological Societies (FAOPS), 23-26 Sept. 2002, Kuala Lumpur, Malaysia (Abstract)
 - Mesdaghinia A, et. al.; **The Comparison of the Antinociceptive Response between Intracerebelar and Intraperitoneal Administration of Morphine and Caerulein in Mice.** The Second Scientific Annual Meeting of the Iranian Pain Society May. 2-3 2002, Tehran, Iran (Abstract)
 - Sharif MR, Mesdaghinia A; **Epidemiological Evaluation of Children with Arthritis in Shaheed Beheshti Hospital in Kashan from 1991 to 1999.** *Feyz, Journal of Kashan University of Medical Sciences* (2001) vol.18: 59-64.
 - Mesdaghinia A, Pache D; **Determining of the Factors Involved in the Evaluation of Impulsivity in Rat by T-Maze.** The 1st meeting of pharmaceutics sciences, Aug. 25-27 2001, Mashed, Iran (Abstract)
 - Mesdaghinia A, et. al.; **The involvement of CCK receptors in stress induced antinociception in nerve ligated mice.** The 15th Iranian Congress of Physiology & Pharmacology Nov. 5-8 2001, Shiraz, Iran (Abstract)
 - Mesdaghinia A, Rezayat M; **The Effectiveness of Nerve Ligation on Caerulein and Proglumide Induced Antinociception in Mice.** *Feyz, Journal of Kashan University of Medical Sciences* (2000) vol.15: 1- 10.
 - Mesdaghinia E, Jamal A, Mesdaghinia A; **Epidemiology of Trophoblastic Pregnancy in Dr. Shariati Hospital of Tehran (1995 to 1998).** *Feyz, Journal of Kashan University of Medical Sciences* (1998) vol. 7: 75-80.