

CURRICULUM VITAE

Name: Jamal Shams

Date of Birth: 1970/09/17

Place of Birth: Tehran

Marital Status: Married

Nationality: Iranian

Email Address: J_shams@yahoo.com

Iranian Medical Council No: 62727

Psychiatry: Specialist Register

Member of the Iranian Association of Neuroscience

Member of the Iranian Psychiatric Association Member of International Society for Bipolar Disorders, USA

Education

School 1976-1981 Hedayat Primary School

1981-1984 Fayaz Bakhsh Secondary School

1984-1988 Sadr High School

University 1990-1997 Iran University of Medical Science

1997 Converted to General Practitioner

1999-2002 Shaheed Beheshti University of Medical Science

2002 Converted to Psychiatrist

Current position

2003 present Psychiatrist at Imam Hossein University Hospital And Researcher at Neuroscience research center, Shahed Beheshti University of Medical Science

MEDICAL TRAINING

Oct 2005 - present National Board of Psychiatry

As a psychiatrist, I visit patients in Imam hossein

University Hospital, a general hospital in Tehran .

International PUBLICATIONS

1-Mazaheri-Tehrani E, Maghsoudi N, Shams J, Soori H, Atashi H, Motamedi F, Bode L, Ludwig H. Borna disease virus (BDV) infection in psychiatric patients and healthy controls in Iran. Virol J. 2014 Sep 3;11:161.

2-Ghorbani M, Dolatian M, Shams J, Alavi-Majd H. Anxiety, post-traumatic stress disorder and social supports among parents of premature and full-term infants. Iran Red Crescent Med J. 2014 Mar;16(3):e13461.

3-Ghorbani M, Dolatian M, Shams J, Alavi-Majd H, Tavakolian S. Factors associated with posttraumatic stress disorder and its coping styles in parents of preterm and full-term infants. Glob J Health Sci. 2014 Feb 20;6(3):65-73.

4-Alani B, Maghsoudi N, Khatibi A, Nouredini M, Asefifar F, Shams J. Study of the variations in apoptotic factors in hippocampus of male rats with posttraumatic stress disorder. *Adv Biomed Res.* 2013 Mar 30;2:42.

5-Ranjbar E, Kasaei MS, Mohammad-Shirazi M, Nasrollahzadeh J, Rashidkhani B, Shams J, Mostafavi SA, Mohammadi MR. Effects of zinc supplementation in patients with major depression: a randomized clinical trial. *Iran J Psychiatry.* 2013 Jun;8(2):73-9.

6-Shaban Z, Dolatian M, Shams J, Alavi-Majd H, Mahmoodi Z, Sajjadi H. Post-Traumatic Stress Disorder (PTSD) Following Childbirth: Prevalence and Contributing Factors. *Iran Red Crescent Med J.* 2013 Mar;15(3):177-82.

7-Mehran P, Simbar M, Shams J, Ramezani-Tehrani F, Nasiri N. History of perinatal loss and maternal-fetal attachment behaviors. *Women Birth.* 2013 Sep;26(3):185-9.

8-Ranjbar E, Shams J, Sabetkasaei M, M-Shirazi M, Rashidkhani B, Mostafavi A, Bornak E, Nasrollahzadeh J. Effects of zinc supplementation on efficacy of antidepressant therapy, inflammatory cytokines, and brain-derived neurotrophic factor in patients with major depression. *Nutr Neurosci.* 2013 Apr 19.

9-Hashemi S, Simbar M, Ramezani-Tehrani F, Shams J, Majd HA. Anxiety and success of in vitro fertilization. *Eur J Obstet Gynecol Reprod Biol.* 2012 Sep;164(1):60-4.

10-Esmaeili MH, Sahraei H, Ali-Beig H, Ardehali-Ghaleh M, Mohammadian Z, Zardooz H, Salimi SH, Shams J, Noroozadeh A. Transient inactivation of the nucleus accumbens reduces both the expression and acquisition of morphine-induced conditioned place preference in rats. *Pharmacol Biochem Behav.* 2012 Aug;102(2):249-56.

11-Pouretamad HR, Khatibi A, Ganjavi A, Shams J, Zarei M. Validation of Addenbrooke's cognitive examination (ACE) in a Persian-speaking population. *Dement Geriatr Cogn Disord.* 2009;28(4):343-7.

12-Khatibi A, Haghparast A, Shams J, Dianati E, Komaki A, Kamalinejad M. Effects of the fruit essential oil of *Cuminum cyminum* L. on the acquisition and expression of morphine-induced conditioned place preference in mice. *Neurosci Lett.* 2008 Dec 19;448(1):94-8.

13-Sahraei H, Etemadi L, Rostami P, Pourmotabbed A, Zarrindast MR, Shams J, Ghoshooni H, Noroozadeh A, Esfandiari B, Salimi SH. GABAB receptors within the ventral tegmental area are involved in the expression and acquisition of morphine-induced place preference in morphine-sensitized rats. *Pharmacol Biochem Behav.* 2009 Jan;91(3):409-16.

14-Haghparast A, Shams J, Khatibi A, Alizadeh AM, Kamalinejad M. Effects of the fruit essential oil of *Cuminum cyminum* Linn. (Apiaceae) on acquisition and expression of morphine tolerance and dependence in mice. *Neurosci Lett.* 2008 Aug 1; 440 (2): 134-9 . Epub 2008 May 22.

15-Sahraei H, Aliabadi AA, Zarrindast MR, Ghoshooni H, Nasiri A, Barzegari-Sorkheh AA, Yari M, Zardooz H, Hossein-Mardi L, Faraji N, Shams J. Ascorbic acid antagonizes nicotine-induced place preference and behavioral sensitization in mice. *Eur J Pharmacol.* 2007 Mar 29; 560 (1): 42-8 . Epub 2007 Jan 19.

16- Sahraei H, Zarei F, Eidi A, Oryan S, Shams J, Khoshbaten A, Zarrindast MR. The role of nitric oxide within the nucleus accumbens on the acquisition and expression of morphine-induced place preference in morphine sensitized rats. *Eur J Pharmacol.* 2007 Feb 5; 556 (1-3): 99-106 . Epub 2006 Oct 27.

17-Shams J, Sahraei H, Gholami A, Haeri-Rohani A, Alaf-Javadi M, Sepehri H, Salimi SH, Ghoshooni H. Effects of ultra-low doses of nicotine on the expression of morphine-induced conditioned place preference in mice. *Behav Pharmacol.* 2006 Nov; 17 (7): 629-35 .

18-Sahraei H, Barzegari AA, Shams J, Zarrindast MR, Haeri-Rohani A, Ghoshooni H, Sepehri H, Salimi SH. Theophylline inhibits tolerance and sensitization induced by morphine: a conditioned place preference paradigm study in female mice. *Behav Pharmacol.* 2006 Nov; 17 (7): 621-8.

National papers

1) Hafez-Amini P., Shams J., Shabahang-Saber-Tehrani A., Haeri-Rohani A., Parivar V., Sahraei H. : Olanzapine antagonizes the acquisition and expression of morphine induced conditioned-place-preference in male and female

mice. Accepted in : Journal of physiology and pharmacology .

2) Aliabadi A.A., Sahraei H., Sadooghi M., Zardooz H., Shams J.: Ascorbic acid antagonizes nicotine-induced place preference and behavioral sensitization in mice. Accepted in: Journal of Physiology and Pharmacology .

3) Hafez-Amini P., Haeri-Rohani A., Sahraei H., Parivar K., Shams J., Babapour V.: Effects of olanzapine on the acquisition and expression of morphine-induced behavioral sensitization in mice. Accepted in: Kowsar medical Journal [Farsi].

4) Sahraei H., Faghih-Monzavi Z., Fatemi S.M., Pashaei-Rad S., Shams J.: Effects of Papaver Rhoeas extract on the expression and development of morphine-induced behavioral sensitization in mice. Physiology and Pharmacology [In press-Farsi].

5) Shams j., Goudarzi S.S., Arbabi M., Yasami M.T.: Effect of Lamotrigine on prevention of Behavioral and Biochemical changes in animal model of PTSD. Accepted in: Andisheh va raftar [Farsi].

6) Beyraghi N., Shams j., Bahreyniyan A.H., Mohajer M. :Psychiatric consultation in Taleghani Hospital. Published in: Pajohesh dar pezeshti [Farsi].

7) Shams J., Janbozorgi M. :Review: Psychosocial Well-Being of Adopted children and Children Born after Assisted reproduction. Accepted in: Journal of Infertility [Farsi].

8) Ghorbani B., Shams J. :Counselable psychosocial experiences in women facing infertility. Accepted in: Journal of Infertility [Farsi]

9) Sahraei H., Shams J., Marjani S., Molavi S., Kamalinejad M. : Effects of the Crocus sativus extract on the acquisition and expression of morphine-induced behavioral sensitization in female mice. Accepted in: J Med Plant [Farsi]

11) Shams J., Noruzi A., Arbabi M., Samimi M. : Effect of Naltrexone on hyperprolactinemia secondary to use of Antipsychotics. Accepted in: Pajohandeh [Farsi]

12) Shams J., Noruzi A., Farid K.A., Zaheeroldin A. : Ginkgo biloba attenuated haloperidol induced orofacial dyskinesia in rats. Accepted in: Pajohandeh [Farsi].

13) Shams J., Sahraei H., Gholami A., Haeri-Rohani A., Alaf-Javadi M., Sepehri H., Salimi S. and Ghoshooni H. . Effects of ultra-low doses of nicotine on the expression of morphine-induced conditioned place preference in mice. Printed in: Behavioral Pharmacology [English].

14) Sahraei H., Barzegari A.A., Shams J., Zarrindast M.R., Haeri-Rohani A., Ghoshooni H., Sepehri H. and Salimi S.H. Theophylline inhibits tolerance and sensitization induced by morphine: a conditioned place preference paradigm study in female mice. Printed in: Behavioral Pharmacology. [English].

15) Ozgoli G, Nooryzadeh Sh, Shams J, Alavi Majed H. Correlation between intensity of fatigue with pregnancy outcome Journal of Shahrekord university of medical sciences ,vol. 10, No.1, Spring (April, May, June),2008.

16) 4-Arzaghi SM, Hossein-Nezhad A, Shariat SV, Ghodsipour A, Shams J, Larjani B. C677T Methylene tetrahydrofolate Reductase (MTHFR) Gene Polymorphism in Schizophrenia and Bipolar Disorder: An Association Study in Iranian. Population. Iran J Psychiatry. 2011 Winter;6(1):1-6.

Presentation

1) Psychopharmacology During Pregnancy and Lactation, sep 2005. This lecture was given in Department of psychiatry, Shaheed Beheshti University of Medical Sciences, Tehran.

- 2) Common Psychiatric Disease, Jun 2003. I was invited to give this lecture in Shaheed Rajaei University, Tehran .
- 3) Psychosocial Well-Being of Adopted children and Children Born after Assisted reproduction, Feb 2006. I am panel man of psychology panel and lecturer in the symposium of infertility and gamete donation, Tehran .
- 4) Effect of Naltrexone on normal prolactin, Dec 2003. This lecture was the report of a research in symposium of New Findings in Psychiatry, Tehran.
- 5) Effect of Naltrexone on hyperprolactinemia secondary to use of antipsychotic drugs, Nov 2005. This lecture was report of a research in congress of sexology, Tehran.
- 6) Drug dependency, Workshop of Mental Health, Shaheed Beheshti University of Medical Science. Dec 2005 .
- 7) Addiction, Department of Pharmacology, Shaheed Beheshti University of Medical Science, April 2006 .
- 8) Drugs, Workshop of Addiction, Shaheed Beheshti University of Medical Science, June 2006 .

Posters

- 1) Administration of lamotrigine prevents posttraumatic behavioral and chemical changes in mice Shams.J.,Gudarzi S.S., Arbabi M., Yasami M.T. 2 nd FAONS International Symposium, 2003, Tehran .
- 2) Sex Addiction. Shams J., Ghaedi G. 2nd congress of psycho sexology, Nov 2005 .
- 3) Ginkgo biloba attenuate haloperidol-induced orofacial Dyskinesia Shams J, Norozi A., Farid K., Zaheeroldin A.R. First International Congress of Emirates Neurology Society (EMINS) and Fifth Gulf Countries (GCC) Neurology Symposium, March 2006, Dubai, UAE.
- 4) The content of dreams in manic state of bipolar disorder Shahrokh S. Gudarzi, Shams J. International congress of mood disorders, April 2006, Istanbul, Turkey.

Committees

- Panel man of Psycho sexology congress, Tehran, Nov 2005.
- Panel man of psychology , symposium of infertility and gamete donation, Tehran, Feb 2006.
- Member of Scientific Committee, Sexology congress, Tehran, Nov 2005.
- Member of Scientific Committee, symposium of infertility and gamete donation, Tehran, Feb 2006.
- Member of Scientific Committee, 2nd FAONS International symposium, Tehran, 2003.

Teaching

- Planning and delivery of family psycho education the monthly meetings for the families of patients who admitted to psychiatric ward. This program began from 2002 - present .
- Aim of this program, is decreasing rate of relapse .
- Psychiatric residents are trained how to deal with families of psychotic patients .

OTHER WORK EXPERIENCE

- 2001- Present Researcher at the animal lab of Neuroscience Research Center and some experience on Behavioral Neuroscience such as Activity Monitoring.
- I work in HPLC lab of Dep. of Pharmacology for 2 months and I have

used this technique in my last research on prophylaxis of PTSD (un- published).

I used to work with technique of Micro dialysis. This technique is used

For measurement of neurotransmitter in a live and free moving animal.

I am going to use this technique in studies about addiction.