

CURRICULUM VITAE

PERSONAL DETAILS:

NAME: I.Tayfun UZBAY

DATE OF BIRTH: July 1, 1959

PLACE OF BIRTH: Ünye-Ordu, TURKEY

NATIONALITY: Turkish

MARITAL STATUS: Married, one child

ADDRESS FOR CORRESPONDENCE:

Üsküdar University, Altunizade Mah., Haluk Türksoy Sk., No:14 34662 Üsküdar – İstanbul

Tel: +90 216 400 22 22 / 2405

Fax: +90 216 474 12 56

E-mail: tuzbay@uskudar.edu.tr; uzbayt@yahoo.com

EDUCATION:

1966 - 1970	Primary School, Ünye, Ordu - Turkey
1970 - 1976	High School, Ünye, Ordu - Turkey
1978 - 1982	Istanbul University, Faculty of Pharmacy, Istanbul - Turkey
1985 - 1988	Postgraduate student for MSc degree in Department of Medical Pharmacology, Faculty of Medicine, Gülhane Military Medical Academy (GATA), Ankara - Turkey
1988 - 1992	Postgraduate student for PhD degree in Department of Medical Pharmacology, Faculty of Medicine, Gülhane Military Medical Academy (GATA), Ankara - Turkey

QUALIFICATIONS:

2003 -	Full Professor in Medical Pharmacology and Toxicology
1995 - 2003	Associate Professor in Medical Pharmacology and Toxicology
1993 - 1995	Assistant Professor in Medical Pharmacology
1992 - 1993	Post Doctoral Research Assistant
1988 - 1992	Research Assistant for PhD Degree in Medical Pharmacology and Toxicology
1985 - 1988	Research Assistant for MSc Degree in Medical Pharmacology and Toxicology
1982 - 1985	Pharmacist

PROFESSIONAL APPOINTMENTS:

1982 - 1985	Chief Pharmacist, Çorlu Military Hospital, Tekirdağ - Turkey
1985 - 1993	Research Assistant, Department of Medical Pharmacology, GATA, Ankara - Turkey
1993 - 1995	Assistant Professor, Department of Medical Pharmacology, GATA, Ankara - Turkey
1995 - 2003	Associate Professor, Department of Medical Pharmacology GATA, Ankara Turkey
1997 - 1998	Research Fellow at University of North Texas, Health Science Center, Department of Pharmacology, Fort Worth, Texas - USA
1999 (Oct.- Dec.)	Research Fellow at University of Cagliari, Department of Toxicology, Cagliari - ITALY
1999-2012	Director of Psychopharmacology Reserch Unit, GATA, Ankara - Turkey
2003 - 2011	Head of Medical Pharmacology Department, GATA, Ankara - Turkey
2011-2013	Member of High Science Council, GATA, Ankara - Turkey
2012-2013	Political Prisoner at Military Jail in Sirinyer – Izmir (9 months)
2013 (August)	Retirement from military service
2013 (September) -	Usküdar University, Head of Molecular Biology and Genetics and Director of Neuropsychopharmacology Application and Research Center, Istanbul - Turkey

LABORATORY EXPERIENCES:

- Experimental evaluation of ethanol withdrawal syndrome in rats.
- Experimental evaluation of chronic ethanol consumption and ethanol preference in rats
- Neuro-psychopharmacological methods (behavioral analysis by locomotor activity, nociceptive response assessment with tail-flick, motor impairment assessment by rotarod/accelerod test, behavioral evaluation of seizures in animal models).
- Experimental evaluation of drug discrimination in rats
- Experimental evaluation of prepulse inhibition in rodents
- Therapeutic drug monitoring by fluorescence polarisation immunoassay method (TDX).

GRANTS

1. **Uzbay IT**, Özcan N, Erbil K, Karaca L. *Research Center of Gulhane Military Medical Academy* (1990) (Project Number: AR-67). Effects of captopril on serum lipid profile in man.
2. **Uzbay IT**, Göksan K, Duman E, Göncü T, Yardım M. *Research Center of Gulhane Military Medical Academy* (1991) (Project Number: AR-72). The antidepressant effect of pizotifen in depressed patients with tension headache.
3. Erol, D., **Uzbay, I.T.**, Aytemir, M. *State Planning Organization of Turkey* (1994) (Project Number: DPT-94-120-340). Synthesis of new drug molecules which can be effective on Parkinson Disease and studies investigating their pharmacologic activities.
4. **Uzbay IT**, Erden BF, Sever B. *TUBITAK (Scientific and Technical Research Organization of Turkey)* (1995) (Project Number: SBAG-AYD-73). The role of nitric oxide in ethanol dependence.
5. **Uzbay IT**, Akarsu ES, Usanmaz SE. *TUBITAK (Scientific and Technical Research Organization of Turkey)* (1996) (Project Number: SBAG-AYD-107). Investigation of the alterations related to metabolisms of dopamine and serotonin in various regions of rat brain during experimental ethanol dependence and withdrawal syndrome.
6. **Uzbay, I.T.** *European College of Neuropsychopharmacology* (1996) (9th ECNP Congress, Amsterdam) (1000 NLG for attendance to the congress).
7. **Uzbay, I.T.** *The Scientific and Technical Research Council of Turkey* (1997). NATO B-2, Research Fellow in University of North Texas, Health Science Center, Department of Pharmacology, Fort Worth – TX – USA (\$ 8.600,00)
8. **Uzbay, I.T.** *Uni. North Texas, Health Science Center, Research Fun* (1997) Research Fellow in University of North Texas, Health Science Center, Department of Pharmacology, Fort Worth – TX – USA (\$10.800,00)
9. **Uzbay, I.T.**, Celik, T., Kartal, F., Akarsu, E.S., Erol, D. *State Planning Organization of Turkey* (1999) (Project Number: MSB-3) Experimental Psychopharmacologic studies on the role of nitric oxide in development of substance dependence (\$ 140.000,00).

10. **Uzbay, I.T.**, Celik, T., Yeşilyurt, Ö., Işımer, A. TUBITAK (Scientific and Technical Research Organization of Turkey) (1999) (Project Number: 198S255 SBAG-AYD-235) Investigation of the effects of agmatine on ethanol withdrawal syndrome.
11. **Uzbay, I.T.** Regione Autonoma della Sardegna (L.R. 28.09.90 N. 43) Research fellow in University of Cagliari, Department of Toxicology, Cagliari – Italy.
12. Terakye, G., Oz, F., Ustun, B., Guner, P., Demir Unal, S., Dil, S., Babaoğlu, E., Ünsal, S., **Uzbay, I.T.** State Planning Organization of Turkey (1998-2000) (Project Number: 98K121760) A project on evaluation of education of preventing substance abuse and dependence.
13. Celik, T., **Uzbay, I.T.**, Kayir, H. . TUBITAK (Scientific and Technical Research Organization of Turkey) (2002-2003) (Proje Number: SBAG-AYD 404 – 102S245) Investigation of relationship between NMDA receptors and in vivo acetylcholine releasing by microdialysis technique on rats during ethanol withdrawal.
14. Dogru, E., **Uzbay, I.T.** TUBITAK (Scientific and Technical Research Organization of Turkey) (2002-2005) (Project Number: TBAG-2177, 102T064) Treatment of deleterious behavioural effects induced by prenatal exposure to ethanol by chronic NGF administration.
15. **Uzbay, I.T.** Kayir, H. Yavuz, O. TUBITAK (Scientific and Technical Research Organization of Turkey) (2006-2009) (Project Number: 105S387 SBAG-3194) Investigation of behavioural and neurochemical basis of the relationship between schizophrenia and alcohol/substance dependence (\$ 150.000,00).
16. **Uzbay, I.T.**, Kayir, H., Sarandöl, A., Eker, S.S., Göktalay, G., Ulusoy, K.G., Kırılı, S., Büyükuysal, L.R. TUBITAK (Scientific and Technical Research Organization of Turkey) (2011-2012) (Project Number: SBAG-HD-570) Determination of blood agmatine and S100B levels in patients with schizophrenia (\$ 17.500,00).
17. Yıldız, U., Yıldız, M.A., Kayir, H., **Uzbay, T.** Ankara Development Agency (2011-2012) (Project Number: TR51/11/YEN/2011-2012) Implant modüle wireless administration system in deep brain stimulation technique which will be the first system created in the World (\$ 240.000).
18. **Uzbay, I.T.**, Kayir, H., Ulusoy, K.G., Göktalay, G., Çelik, T. TUBITAK (Scientific and Technical Research Organization of Turkey) (2011-2014) (Project Number: 110S344, SBAG) Preclinical studies on the role of agmatine and poliamine system in psychiatric disorders characterized with disruption in prepulse inhibition (\$ 200.000,00).
19. **Uzbay, I.T.** TUBITAK (Scientific and Technical Research Organization of Turkey) (2014-2014) (Project Number: 2223-D – 1929B021441819) Üsküdar Neuropsychopharmacology Symposium – Turkish & German Year of Science 2014 - “Polyamines, Agmatine and Brain” (\$ 15.500,00).
20. Kaya Yertutanol, F.D., **Uzbay, T.**, Öz, P. TUBITAK (Scientific and Technical Research Organization of Turkey) (Project Number: 3001 - 315S117) The behavioral effects of different forms of zeatine as a cytokinin analog on anxiety and psychosis (\$ 18.000).

21. Akpunar, F., **Uzbay, T.** (*TUBITAK (Scientific and Technical Research Organization of Turkey)*) (2016-) (Project Number: 2209-A) Effect of agmatine on sex dependent locomotor activity in caffeine-sensitized mice (\$ 1.000).

PROFESSIONAL ACTIVITIES IN SCIENTIFIC JOURNALS

1. Alcoholism Clinical and Experimental Research (Reviewer, 2010)
2. Alcohol and Alcoholism (Reviewer, 2001; 2004; 2006a; 2006b; 2007; 2008; 2011a; 2011b; 2011c; 2012)
3. Amino Acids (Reviewer, 2015)
4. Annals of Forensic Research and Analysis (Reviewer, 2015)
5. Archiv der Pharmazie (Reviewer, 2009)
6. Archives of Neuropsychiatry (Reviewer, 2011)
7. The Anatolian Journal of Clinical Investigation (Scientific Committee, 2007-)
8. Arzneimittelforschung Drug Research (Reviewer, 2012; 2014)
9. Behavioral Brain Research (Reviewer, 2006; 2009; 2010; 2011)
10. Biotechnic & Histochemistry (Reviewer, 2012)
11. BMC Neuroscience (Reviewer, 2005; 2011)
12. Brain Research Bulletin (Reviewer, 2009; 2010; 2011; 2012)
13. Bulletin of Clinical Psychopharmacology (Turkish/English) (Associate Editor and Field Editor 2001-2009)
14. Bulletin of Protective Medicine (Turkish), (Advisory board, 2005-)
15. Clinical Nutrition (Reviewer, 2007)
16. Current Neuropharmacology (Reviewer, 2008; 2012)
17. Drug and Alcohol Dependence (Reviewer, 2011)
18. Epilepsy and Behavior (Reviewer, 2007; 2010; 2011; 2012)
19. European Neuropsychopharmacology (Reviewer, 2007; 2008; 2009)
20. Experimental Neurology (Reviewer, 2012)
21. Inflammation (Reviewer, 2011)
22. International Journal of Anesthetics and Anesthesiology (Reviewer, 2015)
23. International Journal of Neuropsychopharmacology (Reviewer, 2009a; 2009b)
24. Journal of Addiction (Turkish-English) (Advisory Board)
25. Journal of Clinical Pathology and Forensic Medicine (Reviewer, 2011)
26. Journal of Clinical Psychiatry (Turkish), (Advisory board, 2004-)

27. Journal of Ethnopharmacology (Reviewer, 2007a; 2007b; 2007c; 2007d; 2007e; 2007f; 2007g; 2007h; 2007i; 2007j; 2007k; 2008a; 2008b; 2009a; 2009b, 2010a; 2010b; 2010c; 2014a)
28. Journal of Neurological Sciences (Reviewer, 2010; 2012; 2014a; 2014b)
29. Journal of Pharmaceutical Sciences (Associate Editor, 2000-2002)
30. Journal of Proteome Research (Reviewer, 2009)
31. Journal of Psychiatric Research (Reviewer, 2013)
32. Journal of Psychopharmacology (Reviewer, 2006; 2009)
33. Letters in Drug Design & Discovery – Online (Reviewer, 2009)
34. Life Sciences (Reviewer, 1999; 2001; 2003)
35. Marmara Pharmaceutical Journal (Advisory board, 2012-)
36. Medicinal Chemistry (Reviewer, 2012)
37. Naunyn-Schmiedeberg Archives of Pharmacology (Reviewer, 2009)
38. Neurological Research (Reviewer, 2015)
39. Neuropharmacology (Reviewer, 2009; 2011; 2015)
40. Neuropsychiatric Disease and Treatment (Reviewer, 2010)
41. Neuroscience (Reviewer, 2006; 2010a; 2010b)
42. Neuroscience Letters (Reviewer, 2007, 2008)
43. Nitric Oxide: Biology and Chemistry (Reviewer, 2010a; 2010b; 2010c; 2011a; 2011b; 2011c)
44. Pakistan Journal of Pharmaceutical Sciences (Reviewer, 2010a; 2010b)
45. Pathophysiology (Reviewer, 2016)
46. Pharmaceutical Biology (Reviewer, 2009; 2010)
47. Pharmacology Biochemistry and Behavior (Reviewer, 1998; 2000; 2008a; 2008b; 2009a; 2009b; 2011; 2012; 2014a; 2014b; 2016a; 2016b)
48. Pharmacological Reports (Reviewer, 2008a; 2008b; 2012)
49. Pharmacological Research (Reviewer, 2007)
50. Physiology Behavior (Reviewer, 2014)
51. Progress in Neuro-psychopharmacology & Biological Psychiatry (Reviewer, 2004; 2006a; 2006b; 2007a; 2007b; 2008a; 2008b; 2009)
52. Psychiatria Danubina (Reviewer, 2011)
53. Psychiatry and Clinical Neurosciences (Reviewer, 2013; 2014; 2105)
54. Psychiatry Research (Reviewer, 2013)
55. RCHP- Reviews, Cases and Hypotheses in Psychiatry (Advisory Board, 2007-)

56. Schizophrenia Research (Reviewer, 2013)
57. Synapse (Reviewer, 2008a; 2008b; 2012)
58. Translational Psychiatry (Reviewer, 2016)
59. Turkish Journal of Forensic Sciences (National Advisory Board, 2006-)
60. Turkish Journal of Medical Sciences (Reviewer, 2016)
61. The Journal of Neurobehavioral Sciences -JNBS- (Advising Editor, 2014-)
62. Turkish Journal of Pharmaceutical Sciences (Editorial Board, 2014-)

AWARDS

1. ROCHE Psychiatry Science Award (1995, Turkey)
2. Grant (9th Congress of European College of Neuropsychopharmacology, September 21-25, Amsterdam-Netherlands, 1995)
3. National Institute of Drug Abuse Travel Award (59th Annual Scientific Meeting of College on Problems of Drug Dependence, June 14-19, Nashville-Tennessee, USA, 1997)
4. A Science Award on Honour of 100th Anniversary of Gulhane Military Medical Academy (1998, Turkey).
5. Poster Award, Regional Congress of Biological Psychiatry (2000, Istanbul – Turkey)
6. Poster Award, 3rd National Congress of Biological Psychiatry (2001, Nevsehir – Turkey)
7. Poster Award (Honourable mention), 16th National Congress of Pharmacology (2001, Kuşadası – Turkey)
8. Scientific Publication Award (First Degree) of Gulhane Military Medical Academy (2002, Turkey)
9. Scientific Publication Award (Second Degree) of Gulhane Military Medical Academy (2003, Turkey)
10. Academy of Pharmacy (Turkish Pharmacist Association) Science Award (2005, Turkey)
11. Turkish Social Psychiatry Association, Professor Rasim Adasal Science Award (2005, Turkey).
12. Bulletin of Clinical Psychopharmacology, Vol 15, Research Article Award (first degree, 2007, Turkey)
13. Scientific Publication Award (First Degree) of Gulhane Military Medical Academy (2007, Turkey)

14. Popular Science Award, Health Science (2008, Turkey)
15. Brain Research Society Publication Award (2008, Turkey)
16. Scientific Publication Award (Third Degree) of Gulhane Military Medical Academy (2009, Turkey)
17. Specific solutions: Project Marketing and Awards (Ege University, EBİLTEM, TÜBİTAK and ELGİNKAN Foundation), First Degree (08-09 December 2009), Ankara - Turkey.
18. Best Scientist of Turkey Award, (TAF NETWORK, Turkish Academic Fellowship), Yıldız Technical University, 13 June 2015, İstanbul - Turkey.
19. Federation of Schizophrenia Societies & Mental Health and Treatment Foundation of Turkey, Year of 2016 Mine Öz - Kamil Genç Friendly-Schizophrenia Award, Ankara University, The Faculty of Law, 14 May 2016, Ankara - Turkey

MEMBERSHIPS:

- Turkish Pharmacology Society (1985-)
- Turkish Clinical Neuropsychopharmacology Society (1993-)
- Turkish Society of Biologic Psychiatry (1996-)
- European Behavioral Pharmacology Society (1996-)
- World Federation of Societies of Biological Psychiatry (1997-)
- European College of Neuropsychopharmacology (1997-2011)
- Society of Psychophysiology and Neurophysiology (2007-)

ADMINISTRATIVE ACTIVITIES IN SCIENTIFIC ASSOCIATION AND INSTITUTION

1. Gulhane Military Medical Academy, Membership of Local Ethical Committee (1999-2007)
2. TUBİTAK (The Scientific and Technological Research Council of Turkey) - The Group of Health Sciences Research, Membership of Ethical Committee (2000-2001)
3. TUBİTAK (The Scientific and Technological Research Council of Turkey) Member of Ulakbim Turkish Medical Index Committee (2003-2012)
4. Health Ministry of Turkish Republic, Committee of Substance Dependence and Treatment Methods (2004-2012)

5. Turkish Pharmacist Association, Pharmaceutical Academy, Member of Scientific Board (2007-)
6. Health Ministry of Turkish Republic, Advice Committee for Clinical Drug Research (2009-2010)
7. Uskudar University, Head of Local Ethical Committee for Experimental Studies on Laboratory Animals (2014-)

CITATIONS:

Update, June 30, 2016

WOS: 1942 citation, Impact: 19.02 and H= 22

SCOPUS: 2068 citation, impact: 16.41 and H= 24

GOOGLE SCHOLAR: 2836 citation, impact: 14.54 and H= 27.

PATENTS:

1. A new pharmaceutical compound for schizophrenia treatment and a new method for its diagnosis) (Patent No: TR 2007 07406 B).

INVITED SPEAKER IN INTERNATIONAL MEETINGS

1. **Uzbay, I.T.** Neuropsychopharmacologic approach on substance addiction formation: How is brain addict? 1st International Conference Prevention of Addiction. Panel on "Substance Dependence", 27 February 2008, İstanbul.
2. **Uzbay, I.T.** New approaches of bipolar disorder and schizophrenia: Central nitrenergic system and agmatine. 11th Bridging Eastern and Western Psychiatry Congress 26-29 September, 2008, Antalya – Turkey. Panel 3: Newest Research Findings in Bipolar Children and Adults. September 26, 2008.
3. **Uzbay, I.T.** Nitric oxide and ethanol dependence. International Workshop on Effects of Perinatal and Adult Ethanol Intake on Brain and Behavior: Animal Studies. October 20-21, 2008, Middle East Technical University, Ankara - Turkey. October 22, 2008.
4. **Uzbay, I.T.** The role of Agmatine-like polyamines in sensorimotor gating deficits. University of California San Diego (UCSD), Faculty of Medicine, Department of Psychiatry, San Diego, California – USA, April 03, 2009.
5. **Uzbay, I.T.** New targets for treatment and diagnosis of schizophrenia spectrum disorders.

Pharma-2011 Proceedings of International Conference and Exhibition on Pharmaceutical Regulatory Affairs. Baltimore – USA, September 6, 2011 (**invited conference**) [Abstract published in *Journal of Bioequivalence and Bioavailability*, 3(7): 76, 2011].

6. **Uzbay, T.** A new target for diagnosis and treatment of CNS disorders: Agmatinerbic system. 4th International Conference on Drug Discovery & Therapy. Dubai – UAE, February 12, 2012 (Session Lectures) [Abstract was published in *Current Medicinal Chemistry*, 19 (Abstracts): 120, 2012].
7. **Uzbay, T.** Neuroplasticity. Cognitif XI, International Cognitive Neuroscience Meeting, May 03 2014, İstanbul – Turkey (Abstract Book, pp. 20-21) (**invited panel speaker**).
8. **Uzbay, T.** An alternative approach to understand schizophrenia: Polyamines hypothesis through NMDA receptors. 2nd Euroasian Regional Congress of Biological Psychiatry, June 05-08 2014, Bursa – Turkey (Congress CD, pp. 1-11) (**invited panel speaker**)
9. **Uzbay, T.** Alzheimer disease and neuroplasticity: New approaches and new targets. 2nd International Conference on Alzheimer Disease and Dementia, September 23-25, 2014, Valencia – Spain (lecture) [Abstract was published in *Journal of Alzheimer's Disease and Parkinsonism*, 4(5): 57, 2014] (**invited panel speaker**).
10. **Uzbay, T.** Polyamines and agmatine: A new target for psychosis and schizophrenia. Üsküdar Neuropsychopharmacology Symposium – “Polyamines, Agmatine and Brain” October 9-10, 2014 İstanbul – Turkey (lecture) (**symposium speaker**).
11. **Uzbay, T.** The role of polyamines agmatine in schizophrenia: Some evidences from animal and clinical studies. Department of Psychiatry, Charité University, Berlin – Germany, November 05, 2014 (**invited conference speaker**).
12. **Uzbay, T.** Neurobiology of addiction: How does a person become addicted to illicit drugs? Course on Advances in Forensic Toxicology, November 25, 2015, Adana – Turkey (**Invited conference speaker**).

PUBLICATIONS (International):

PAPERS

1. **Uzbay, I.T., Celik, S.** Effects of time and temperature on the sensitivity of isolated frog heart to acetylcholine. *Acta Pharmaceutica Turcica*, 31: 143-148, 1989.
2. Yildir, I., **Uzbay, I.T.**, Noyanalpan, N. Synthesis of 2-(substitutedphenyl) benzimidazol derivatives and their sedative activity: Structure-activity relationships. *Journal of Faculty of Pharmacy of Gazi University*, 7(2): 111-124, 1990.
3. Baktir, G., **Uzbay, I.T.**, Atay, H., Sunam, G. Effects of buspirone and placebo on psychomotor performance in healthy volunteers. *Acta Pharmaceutica Turcica*, 34:27-32, 1992.

4. **Uzbay, I.T.**, Özcan, N., Erbil, M.K., Karaca, L. Effect of captopril on serum lipids, lipoproteins, apolipoproteins, and glucose levels in patients with essential hypertension. Current Therapeutic Research, 51(1): 46-53, 1992.
5. **Uzbay, I.T.**, Onur, R. The effects of clonidine, guanfacine and phenylephrine on the excitatory and inhibitory responses of the rat anococcygeus muscle. Archives Internationales de Physiologie de Biochimie et de Biophysique, 101: 361-365, 1993.
6. **Uzbay, I.T.**, Akarsu, E.S., Kayaalp, S.O. Effects of bromocriptine and haloperidol on ethanol withdrawal syndrome in rats. Pharmacology, Biochemistry and Behavior, 49(4): 969-974, 1994.
7. **Uzbay, I.T.**, Akarsu, E.S., Kayaalp, S.O. Effects of flumazenil (Ro 15-1788) on ethanol withdrawal syndrome in rats. Arzneimittel Forschung-Drug Research, 45: 120-124, 1995.
8. **Uzbay, I.T.**, Kayaalp, S.O. A modified liquid diet of chronic ethanol administration: validation by ethanol withdrawal syndrome in rats. Pharmacological Research, 31: 37-42, 1995.
9. **Uzbay, I.T.**, Kayaalp, S.O. Heterogeneity of tolerance developed to effects of ethanol on rotarod and accelarod performances in rats. Alcohol, 12: 593-595, 1995.
10. **Uzbay, I.T.**, Sever, B., Celik, T., Ayhan, I.H. Investigation of the effects of moclobemide in chronic ethanol feeding rats. Pharmacological Research, 32: 287-292, 1995.
11. Kaputlu, I., **Uzbay, I.T.** L-NAME inhibits pentylenetetrazole and strychnine-induced seizures in mice. Brain Research, 753: 98-101, 1997.
12. Aricioglu-Kartal, F., **Uzbay, I.T.** Inhibitory effect of agmatine on naloxone-precipitated abstinence syndrome in morphine dependent rats. Life Sciences, 61: 1775-1781, 1997.
13. **Uzbay, I.T.**, Erden, B.F., Tapanyigit, E.E., Kayaalp, S.O. Nitric oxide synthase inhibition attenuates signs of ethanol withdrawal in rats. Life Sciences, 61: 2197-2209, 1997.
14. Demirtaş, E., Sağ, C., Kurşaklıoğlu, H., Uzun, M., **Uzbay, T.**, Töre, H.F., Köse, S., Genç, C., Demirhan, D. Effects of octreotide in patients with hypertrophic obstructive cardiomyopathy. Japanese Heart Journal, 39: 173-181, 1998.
15. Sayın, Ü., Atasoy, S., **Uzbay, I.T.**, Arıcıoğlu-Kartal, F., Koyuncuoğlu, H. Gamma-Vinyl GABA potentiates the severity of naloxone-precipitated abstinence signs in morphine dependent rats. Pharmacological Research, 38: 45-51, 1998.
16. **Uzbay, I.T.**, Grewal, J.S., Wallis, C.J., Dungan, L.F., Lal, H. Nitric oxide synthase inhibition attenuates saccharin or ethanol reinforced responding in Long-Ewans rats. Prog. Neuropsychopharmacol. & Biol. Psychiat., 22: 1411-1423, 1998.
17. **Uzbay, I.T.**, Usanmaz, S.E., Tapanyigit, E.E., Aynacioğlu, Ş., Akarsu, E.S. Dopaminergic and serotonergic alterations in the rat brain during ethanol withdrawal: Association with Behavioral Signs. Drug & Alcohol Dependence, 53: 39-47, 1998.

18. Celik, T., Deniz, G., **Uzbay, I.T.**, Palaoğlu, O., Ayhan, IH. The effects of flumazenil on two-way active avoidance and locomotor activity in diazepam treated rats. European Neuropsychopharmacology, 9: 45-50, 1999.
19. Aytemir, M., **Uzbay, T.**, Erol, D.D. New 4(1H)-pyridinone derivatives as analgesic agents. Arzneimittel Forschung-Drug Research, 49(I): 250-254, 1999.
20. **Uzbay, I.T.**, Çınar, M.G., Aytemir, M., Tuğlular, I. Analgesic effect of tianeptine in mice. Life Sciences, 64: 1313-1319, 1999.
21. Celik, T., Zağlı, Ü., Kayir, H., **Uzbay, I.T.** Nitric oxide synthase inhibition blocks amphetamine-induced locomotor activity in mice. Drug & Alcohol Dependence, 56: 109-113, 1999.
22. **Uzbay, I.T.**, Wallis, C.J. Lack of tolerance to ethanol-induced motor impairment on accelerated performance in rats. Pharmacology, Biochemistry and Behavior, 1999, 63: 607-611, 1999.
23. Celik, T., **Uzbay, I.T.**, Çınar, K., Bozkaya, H., Uzunalimoğlu, Ö., Yurtaydın, C. Combination treatment of thioacetamide-induced fulminant hepatic failure in the rat with benzodiazepine and opioid receptor antagonists. Journal of Hepatology, 31: 880-886, 1999.
24. **Uzbay, I.T.**, Yeşilyurt, Ö., Celik, T., Ergün, H., Işimer, A. Effects of agmatine on ethanol withdrawal in rats. Behavioural Brain Research, 107: 153-159, 2000.
25. **Uzbay, I.T.**, Wallis, C.J., Lal, H., Forster, M.J. Effects of NMDA receptor blockers on cocaine-stimulated locomotor activity in mice. Behavioral Brain Research, 108: 57-61, 2000.
26. **Uzbay, I.T.**, Usanmaz, S., Akarsu, E.S. Effects of chronic ethanol administration on serotonin metabolism in the various regions of the rat brain. Neurochemical Research, 25: 257-262, 2000.
27. **Uzbay, I.T.** L-NAME precipitates catatonia during ethanol withdrawal in rats. Behavioural Brain Research 119: 71-76, 2001.
28. **Uzbay, I.T.**, Oglesby, M.W. Nitric oxide and substance dependence. Neuroscience and Biobehavioral Reviews 25: 43-52, 2001 (Review, 115 refs).
29. Yeşilyurt, Ö., **Uzbay, I.T.** Agmatine potentiates the analgesic effect of morphine by an alpha-2-adrenoceptor-mediated mechanism in mice. Neuropsychopharmacology, 25: 98-103, 2001.
30. Öztürk, G., Erol, D.D., **Uzbay, T.**, Aytemir, M.D. Synthesis of 4 (1H)-pyridinone derivatives and investigation of analgesic and anti-inflammatory activities. Il Farmaco, 56: 251-256, 2001.
31. Palaska, E., Aytemir, M., **Uzbay, I.T.**, Erol, D. Synthesis and antidepressant activities of some 3,5-diphenyl-2-pyrazolines. European Journal of Medicinal Chemistry, 36: 539-543, 2001.

32. Ergün, H., **Uzbay, I.T.**, Celik, T., Kayir, H., Yeşilyurt, Ö., Tulunay, F.C. Dipyrone inhibits ethanol withdrawal and pentylentetrazole-induced seizures in rats. Drug Development Research 53: 254-259, 2001.
33. Gören, M.Z., Arıcıoğlu-Kartal, F., Yurdun, T., **Uzbay, I.T.** Investigation of extracellular L-citrulline concentration in the striatum during alcohol withdrawal in rats. Neurochemical Research 26: 1327-1333, 2001.
34. **Uzbay, I.T.**, Lal, H. Effects of N-G-nitro-L-arginine methyl ester, 7-nitro indazole and agmatine on pentlenetetrazol-induced discriminative stimulus in Long-Evans rats. Prog. Neuropsychopharmacol. & Biol. Psychiat. 26: 567-573, 2002.
35. Balkan, A., Gören, Z., Urgun, H., Çalış, Ü., Atilla, P., **Uzbay, T.** Evaluation of the analgesic and anti-inflammatory activities of some thiazolo[4,5-d] pyrimidines. Arzneimittel Forschung-Drug Research 52: 462-467, 2002.
36. Kayir, H., **Uzbay, I.T.** Investigation of a possible sensitization development to a challenge dose of ethanol after two weeks following the single injection in mice. Pharmacology Biochemistry and Behavior 73: 551-556, 2002.
37. Öztürk, G, Erol, D.D., Aytemir, M.D., **Uzbay, T.** New analgesic and anti-inflammatory agents 4(1H)-pyridinone derivatives. European Journal of Medicinal Chemistry, 37: 829-834, 2002.
38. Erinç, K., Barcin, C., Ozsoy, N., Oztas, E., Gul, N., Sag, C., **Uzbay, T.**, Kirilmaz, A., Ayvali, C., Demirtaş, E. Effects of chronic alcohol consumption on myocardial ischemia in rats. Pharmacological Research, 47: 175-180, 2003.
39. **Uzbay, İ. T.**, Kayir, H. Bromocriptine and quinpirole but not 7-OH-DPAT and SKF 38393 potentiate the inhibitory effect of L-NAME on ethanol-induced locomotor activity in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 367: 414-421, 2003.
40. **Uzbay, I.T.**, Erden, B.F. Attenuation of ethanol withdrawal signs by high doses of L-arginine in rats. Alcohol and Alcoholism, 38: 213-218, 2003.
41. Bilgi, C., Tokgöz, S., Aydın, A., Celik, T., **Uzbay, I.T.** The effects of chronic ethanol consumption and ethanol withdrawal on serum cholinesterase activity in rats. Alcohol and Alcoholism, 38: 316-320, 2003.
42. Saygi, S., Konuklugil, B., Kutsal, O., **Uzbay, I.T.**, Deniz, G., Gören, Z. Assessment of therapeutic effect of Inula heterolepsis Boiss in Alcoholic Rats. Phytotherapy Research, 17: 683-687, 2003.
43. Arıcıoğlu-Kartal, F., Kayir, H., **Uzbay, I.T.** Effects of harman and harmine on naloxone-precipitated withdrawal syndrome in morphine-dependent rats. Life Sciences, 73: 2363-2371, 2003.
44. Ozkanli F, Guney A, Calis U, **Uzbay T.** Synthesis and anticonvulsant activity of some new dioxolane derivatives. Arzneimittel Forschung-Drug Research, 53: 758-762, 2003.
45. Kayir, H., **Uzbay, I.T.** Evidence for the role of nitric oxide in caffeine-induced locomotor activity in mice. Psychopharmacology, 172: 11-15, 2004.

46. **Uzbay, I.T.**, Celik, T., Aydın, A., Kayir, H., Tokgöz, S., Bilgi, C. Effects of chronic ethanol administration and ethanol withdrawal on cyclic guanosine 3',5'-monophosphate (cGMP) levels in the rat brain. Drug and Alcohol Dependence, 74: 55-59, 2004.
47. **Uzbay, I.T.**, Sağlam, E., Kayir, H., Celik, T., Beyazyürek, M. Effects of fluoxetine on ethanol withdrawal syndrome in rats. Journal of Psychiatric Research, 38: 445-450, 2004.
48. Doğrul, A. **Uzbay, I.T.** Topical clonidine antinociception. Pain, 111: 385-391, 2004.
49. Celik, T., Kayir, H., Ceyhan, M., Demirtas, S., Cosar, A., **Uzbay, I.T.** CPP and amlodipine alter the decrease in basal acetylcholine and choline release by audiogenic stimulus in hippocampus of ethanol-withdrawn rats *in vivo*. Brain Research Bulletin, 64: 243-249, 2004.
50. Sağlam, E., **Uzbay, I.T.**, Kayir, H., Celik, T., Beyazyürek, M. Effects of venlafaxine on ethanol withdrawal syndrome in rats. Fundamental & Clinical Pharmacology, 18: 693-698, 2004.
51. Ceyhan, M., Kayir, H., **Uzbay, I.T.** Investigation of the effects of tianeptine and fluoxetine on pentylenetetrazole-induced seizures in rats. Journal of Psychiatric Research, 39: 191-196, 2005.
52. Yuksel, N., **Uzbay, I.T.**, Karakilic, H., Erden Aki, Ö., Etik, Ç., Erbaş, D. Increased serum nitrite/nitrate (Nox) and malondialdehyde (MDA) levels during alcohol withdrawal in alcoholic patients. Pharmacopsychiatry, 38: 95-96, 2005.
53. Ulusu, U., **Uzbay, I.T.**, Kayir, H., Alici, T., Karakas, S. Evidence for the role of nitric oxide in nicotine-induced locomotor sensitization in mice. Psychopharmacology 178: 500-504, 2005.
54. Celik, T., Çakır, E., Kayir, H., Bilgi, C., **Uzbay, I.T.** The effects of chronic ethanol consumption and withdrawal on passive avoidance task and serum cholinesterase levels in rats. Progress in Neuropsychopharmacology & Biological Psychiatry 29: 505-509, 2005.
55. Baysan, O., Kaptan, K., Erinç, K., Öztaş, Y., Coşkun, T., Kayir, H., Uzun, M., **Uzbay, T.**, Beyan, C., Işık, E. Chronic heavy ethanol consumption is associated with decreased platelet aggregation in rats. Tohoku Journal of Experimental Medicine, 206: 85-90, 2005.
56. Yeşilyurt, Ö., Doğrul, A., **Uzbay, I.T.** Differential effects of systemic versus central routes of administration of L-type calcium channel blockers on pentylenetetrazole-induced Seizures in mice. Bulletin of Clinical Pharmacology, 15: 153-157, 2005.
57. Alici, T., Kayir, H., Sağlam, E., **Uzbay, I.T.** Discriminative stimulus properties of tianeptine. Psychopharmacology 183: 446-451, 2006.
58. Sag, C., Yokusoglu, M., Cincik, M., Ozkan, M., Kayir, H., Uzun, M., Baykal, B., Ozogul, C., Baysan, O., **Uzbay, I.T.** The prevention of myocardial ultrastructural changes by perindopril, atenolol and amlodipine in chronic alcohol administered rats. Pharmacological Research 53: 142-148, 2006.

59. Celik, E., **Uzbay, I.T.**, Karakas, S. Caffeine and amphetamine produce cross-sensitization to nicotine-induced locomotor activity in mice. Progress in Neuropsychopharmacology & Biological Psychiatry, 30: 50-55, 2006.
60. Kayir, H., **Uzbay, I.T.** Nicotine antagonizes caffeine- but not pentylentetrazole-induced anxiogenic effect in mice. Psychopharmacology, 184: 464-469, 2006.
61. **Uzbay, I.T.**, Kayir, H., Celik, T., Yüksel, N. Acute and chronic tianeptine treatments attenuate ethanol withdrawal syndrome in rats. Progress in Neuropsychopharmacology & Biological Psychiatry, 30: 478-485, 2006.
62. **Uzbay, I.T.**, Kayir, H., Coşkun, İ., Öztürk, N., Öztürk, Y. Extract of *Hypericum perforatum* blocks nicotine-induced locomotor activity in mice. Turkish Journal of Pharmaceutical Sciences, 3: 31-39, 2006.
63. Saglam, E., Kayir, H., Celik, T., **Uzbay, T.** Effects of escitalopram on ethanol withdrawal syndrome in rats. Progress in Neuropsychopharmacology & Biological Psychiatry, 30: 1027-1032, 2006.
64. Dogrul, A., Coskun, I., **Uzbay, T.** The contribution of alpha-1 and alpha-2 adrenoceptors in the peripheral imidazoline and adrenoceptor agonist-induced nociception. Anesthesia & Analgesia, 103: 471-477, 2006.
65. Aydemir, C., Yalcin, E.S., Aksaray, S., Kisa, C., Yildirim, S.G., **Uzbay, T.**, Goka, E. Brain-derived neurotrophic factor (BDNF) changes in the serum of depressed women. Progress in Neuropsychopharmacology & Biological Psychiatry, 30: 1256-1260, 2006.
66. Coskun, I., **Uzbay, I.T.**, Ozturk, N., Ozturk, N. Attenuation of ethanol withdrawal syndrome by extract of *Hypericum perforatum* in Wistar rats. Fundamental and Clinical Pharmacology, 20: 481-488, 2006.
67. Dursun, I., Jakubowska-Dogru, E., **Uzbay, T.** Effects of prenatal exposure to alcohol on activity, anxiety, motor coordination, and memory in young adult Wistar rats. Pharmacology, Biochemistry and Behavior, 85: 345-355, 2006.
68. **Uzbay, I.T.**, Kayir, H., Ceyhan, M. Effects of tianeptine on on-set time of pentylentetrazole-induced seizures in mice: Possible role of adenosine A₁ receptors. Neuropsychopharmacology, 32: 412-416, 2007.
69. **Uzbay, I.T.**, Coskun, I., Kayir, H., Ozturk, N., Ozturk, Y. Extract of *Hypericum perforatum* blocks caffeine-induced locomotor activity in mice. Phytotherapy Research, 21: 415-419, 2007.
70. Kayir, H., Ceyhan, M., Yavuz, O., **Uzbay, T.I.** Lack of the effect of L-NAME on bromocriptine-induced locomotor sensitization in mice. Synapse, 61: 869-874, 2007.
71. Yilmaz, I, Sezer, Z., Kayir, H., **Uzbay, I.T.** Mirtazapine does not affect pentylentetrazole and maximal electroconvulsive shock-induced seizures in mice. Epilepsy & Behavior, 11: 1-5, 2007.
72. **Uzbay, I.T.**, Kayir, H. Effects of p-chlorophenylalanine (pCPA) on ethanol withdrawal syndrome in rats. Journal of Dependence, 8: 73-78, 2007.

73. **Uzbay, I.T.** Serotonergic antidepressants and ethanol withdrawal syndrome: A review. Alcohol and Alcoholism, 43: 15-24, 2008 (**review**).
74. Unsalan, N., Saglam, E., Kayir, H., **Uzbay, I.T.** Effects of olanzapine on ethanol withdrawal syndrome in rats. European Journal of Pharmacology, 579: 208-214, 2008.
75. **Uzbay, I.T.** *Hypericum perforatum* and substance dependence: a review. Phytotherapy Research, 22: 578-582, 2008 (**review**).
76. **Uzbay, T.I.** Tianeptine: potential influences on neuroplasticity and novel pharmacological effects. Progress in Neuropsychopharmacology & Biological Psychiatry, 32: 915-924, 2008.
77. Yokusoglu, M., Sag, C., Cincik, M., Uzun, M., Kayir, H., Koz, C., Baykal, B., Ozkan, M., Ozogul, C., Baysan, O., **Uzbay, I.T.** Perindopril, atenolol and amlodipine prevent aortic ultrastructural changes in rats exposed to ethanol. Medical Science Monitor, 14: BR96-102, 2008.
78. Saglam, E., Esberk Ates, L., Kayir, H., Celik, T., Terzioglu, B., **Uzbay, T.** Escitalopram increases cortical nitric oxide synthase (NOS) in rat brain during ethanol withdrawal. Nitric Oxide: Biology and Chemistry, 19: 284-288, 2008.
79. Kayir, H., Alici, T., Göktalay, G., Yildirim, M., Ulusoy, G.K., Ceyhan, M., Celik, T., **Uzbay, T.I.** Stimulus properties of venlafaxine in a conditioned taste aversion procedure. European Journal of Pharmacology, 596: 102-106, 2008.
80. Kayir, H., **Uzbay, T.** Effects of clozapine on ethanol withdrawal syndrome in rats. Alcohol and Alcoholism, 43: 619-625, 2008.
81. **Uzbay, T.** The role of nitric oxide in development of ethanol dependence and withdrawal. Current Topics in Pharmacology, 12 (1): 19-29, 2008 (**review**).
82. Kayir, H., Goktalay, G., Yildirim, M., **Uzbay, I.T.** Clozapine inhibits development and expression of nicotine-induced locomotor sensitization in rats. Synapse, 63: 15-21, 2009.
83. Yavuz O., Kayir H., Yilmaz I., Ulusoy G., Cakir G, **Uzbay I.T.** Subacute neurobehavioral effects of dermally-applied alphacypermethrin in rats. Revue de Médecine Vétérinaire, 10: 184-191, 2009.
84. **Uzbay, I.T.** New pharmacological approaches in the treatment of schizophrenia. Turkish Journal of Psychiatry, 20: 175-182, 2009 (**review**).
85. Yavuz O., Kayir H., Yilmaz I, Ulusoy G., Cakir G., Macit E., **Uzbay I.T.** Subchronic toxicity and neurobehavioural effects of alphacypermethrin in rats. Fresenius Environmental Bulletin, 18: 1417-1423, 2009.
86. **Uzbay, I.T.**, Kose, A., Kayir, H., Ulusoy, G., Celik, T. Sex-related effects of agmatine on caffeine-induced locomotor activity in Swiss Webster mice. European Journal of Pharmacology, 630: 69-73, 2010.
87. **Uzbay, I.T.**, Kayir, H., Goktalay, G., Yildirim, M. Agmatine disrupts prepulse inhibition of acoustic startle reflex in rats. Journal of Psychopharmacology, 24: 923-929, 2010.

88. Kayir, H., Yavuz, O., Goktalay, G., Yildirim, M., **Uzbay, T.** The relationship between baseline prepulse inhibition levels and ethanol withdrawal severity in rats. Progress in Neuropsychopharmacology & Biological Psychiatry, 34: 1507-1514, 2010.
89. Ozdegirmenci, O., Kucukozaan, T., Akdag, E., Topal, T., Haberal, A., Kayir, H., Oter, S., **Uzbay, I.T.** Effects of sildenafil and tadalafil on ischemia/reperfusion injury in fetal rat brain. The Journal of Maternal-Fetal & Neonatal Medicine, 24: 317-323, 2011.
90. Kayir, H., Goktalay, G., Yavuz, O., **Uzbay, T.I.** Impact of baseline prepulse inhibition on nicotine-induced locomotor sensitization in rats. Behavioural Brain Research, 216: 275-280, 2011.
91. Ünsal-Tan, O., Özadalı, K., Yeşilyurt, Ö., Kayir, H., **Uzbay, T.**, Balkan, A. Synthesis and evaluation of analgesic activity of some new isoxazolo[4,5-d]pyridazin-4(5H)-one derivatives. Turkish Journal of Chemistry, 35: 121-130, 2011.
92. Celikyurt, I.K., Kayir, H., Ulak, G., Erden, B.F., Ulusoy, G.K., **Uzbay, T.I.** Effects of risperidone, quetiapine and ziprasidone on ethanol withdrawal syndrome in rats. Progress in Neuropsychopharmacology & Biological Psychiatry, 35: 528-536, 2011.
93. Akdag, E., Kayir, H., **Uzbay, T.I.** Effects of risperidone on development and expression of nicotine-induced locomotor sensitization in rats. Synapse, 65: 708-714, 2011.
94. Ozden, O., Kayir, H., Ozturk, Y., **Uzbay, T.** Agmatine blocks ethanol-induced locomotor hyperactivity in male mice. European Journal of Pharmacology, 659: 26-29, 2011.
95. Ulusoy, K.G., Celik, T., Kayir, H., Gürsoy, M., Isik, A.T., **Uzbay, T.I.** Effects of pioglitazone and retionic acid in a rotenone model of Parkinson's disease. Brain Research Bulletin, 85: 380-384, 2011.
96. **Uzbay, T.** Pharmacological importance of agmatine in brain. Neuroscience and Biobehavioral Reviews, 36: 502-519, 2012 (review).
97. **Uzbay, T.I.** Atypical antipsychotic drugs and ethanol withdrawal syndrome: A review. Alcohol and Alcoholism, 47: 33-41, 2012 (review).
98. Bilge, S.S., Bozkurt, A., İlkaya, F., Çiftçiöğle, E., Kesim, Y., **Uzbay, İ.T.** The antinociceptive effects of intravenous tianeptine in colorectal distension-induced visceral pain in rats: The role of 5-HT₃ Receptors. European Journal of Pharmacology, 681:44-49, 2012.
99. **Uzbay, I.T.** Alzheimer disease and neuroplasticity: New approaches and new targets in pharmacotherapy. Marmara Pharmaceutical Journal, 16: 65-76, 2012 (invited review).
100. Macit, E., Ulusoy, G., Celik, T., Kayir, H., **Uzbay, T.** Comparative effects of antioxidants on chronic ethanol-induced oxidative stress in rat hippocampus. Journal of Neurological Sciences, 29: 329-339, 2012.
101. **Uzbay, T.** A new target for diagnosis and treatment of CNS disorders: Agmatinerbic system. Current Medicinal Chemistry, 19: 5116-5121, 2012 (review).
102. Gergerlioğlu, H.S., Savaş, H.A., Boşnak, M., Bağcı, C., Baltacı, Y., Bilgiç, M.T., Bulut, M., Gergerlioğlu, N., **Uzbay, İ.T.** Induced locomotor hyperactivity on ethanol withdrawa

syndrome in rats is inhibited by quetiapine. European Journal of Basic Medical Science, 2: 112-117, 2012.

103. **Uzbay, T.**, Parlakpınar, H., Akdag, E., Celik, T., Yarırbas, G., Ulusoy, G., Acet, A., Kose, A., Kayir, H. Chronic melatonin treatment reverses disruption of prepulse inhibition in pinealectomized and pinealectomized-plus-ovariectomized rats. Behavioral Brain Research, 239: 1-7, 2013.
104. **Uzbay, T.**, Goktalay, G., Kayir, H., Eker, S.S., Sarandol, A., Oral, S., Buyukuysal, L., Ulusoy, G., Kirli, S. Increased plasma agmatine levels in patients with schizophrenia. Journal of Psychiatric Research, 47: 1054-1060, 2013.
105. Goktalay, T., Buyukuysal, S., Uslu, G., Coskun, A.S., Yorgancıoğlu, A., Kayir, H., **Uzbay, T.**, Goktalay, G. Varenicline disrupts prepulse inhibition only in high-inhibitory rats. Progress in Neuropsychopharmacology and Biological Psychiatry, 53: 54-60, 2014.
106. Ergun, S., Demir, P., **Uzbay, T.**, Severcan, F. Agomelatine strongly interacts with zwitterionic DPPC and charged DPPG membranes. Biochimica et Biophysica Acta – Biomembranes, 1838: 2798-2806, 2014.
107. Goktalay, G., Kayir, H., Ulusoy, G.K., **Uzbay, T.** Social interaction of rats is related with baseline prepulse inhibition level. Neuroscience Letter, 582: 125-129, 2014.
108. **Uzbay, T.** An alternative approach to understand schizophrenia: Polyamine hypothesis through NMDA receptors. The Journal of Neurobehavioral Sciences, 1(3): 72-76, 2014.
109. Yılmaz, İ., Yonguç, N., Tosun, S., Kayir H., **Uzbay, T.** Audiogenic seizures potentiate hippocampal neuronal loss in ethanol-dependent rats. Journal of Neurological Sciences 31: 646-658, 2014.
110. Kurt, A.H., Macit, E., **Uzbay, T.**, Buyukafsar, K. Effects of ethanol withdrawal on the activity of Rho-kinase in rats brain. Bratislava Medical Journal 116: 494-497, 2015.
111. Tezcan, A.H., Özçetin, A., Özlü, O., Çevreli, B., **Uzbay, T.** Locomotor stimulation by acute propofol administration in rats: Role of the nitrenergic system. Pharmacological Reports 67: 980-985, 2015.
112. Uskur, T., Barlas, M.A., Akkan, A.G., Shahzadi, A., **Uzbay, T.** Dexmedetomidine induces conditioned place preference in rats: Involvement of opioid receptors. Behavioral Brain Research 296: 163-168, 2016.
113. Gülcan Atalar E, **Uzbay T.**, Karakaş S. Modelling symptoms of attention deficit hyperactivity disorder in a rat model of fetal alcohol syndrome. Alcohol and Alcoholism (in press).
114. Ozcetin, A., Cevreli, B., **Uzbay, T.** Investigation of the role of alpha-2 adrenergic receptors on prepulse inhibition of acoustic startle reflex in rats. Synapse (in press).

BOOKS

1. **Uzbay, I.T.**, A New Approach to Etiopathogenesis of Depression: Neuroplasticity (Editor) NOVA Publishers, New York, USA, 2011 (ISBN 978-1-61209-554-7).

CHAPTERS IN BOOKS

1. Celik, T., Goren, M., Gurdal, H., Cinar, K., Toruner, M., Degim, T., **Uzbay, I.T.**, Bozkaya, H., Yurdaydin, C. Is fatigue of cholestasis mediated by altered central serotonergic neurotransmission? In: Encephalopathy and Nitrogen Metabolism in Liver Failure. Jones, E.A., Meijer, A.J., Chamuleau, R.A.F. (eds.) Kluwer Academic Publishers, Dordrecht, The Netherlands, 2003, pp. 165-171.
2. **Uzbay, I.T.**, Bizarro, L. Liquid diet for administering alcohol In: Encyclopedia of Psychopharmacology. Stolerman, I. (Editor) Springer Reference, UK, 2010 (ISBN 978-3-540-68698-9).
3. **Uzbay, I.T.** Neuroplasticity: A new approach to treatment of depression. In: Antidepressants: Types, Efficiency and Possible Side Effects. Van Leeuwen, J.T. (Editor) Nova Publishers, New York, 2010, pp. 1-66 (ISBN 978-1-61668-581-2).

ABSTRACTS

1. **Uzbay, I.T.** Pharmaceutical services in rural areas of Turkey. 28th International Congress of International Pharmaceutical Students' Federation, Stockholm-Sweden, August 2-12 1982. *Rural Pharmacy, IPSF Report Number 3, 1982, p.15-24.*
2. **Uzbay, I.T.**, Şengün, F.I., Aksu, B. Investigation of pharmaceutics in Turkey at the present time from deontological point of view. 43rd International Congress of Pharmaceutical Sciences, Montreux-Switzerland, September 5-9 1983. *FIP 83 Abstracts, p.234.*
3. Şengün, F.I., Göker, T., Ceylan, Ü., **Uzbay, I.T.** Drug production and consumption in Turkey. 43rd International Congress of Pharmaceutical Sciences, Montreux-Switzerland, September 5-9 1983. *FIP 83 Abstracts, p.340.*
4. **Uzbay, I.T.** Pharmacy education in Sweden. *Abstract Book, p. 8-9, 1984* (2nd Symposium of International Pharmaceutical Technology, Ankara – Turkey).
5. **Uzbay, I.T.** Ideal usage of drugs in hospital treatment. *Abstract Book, p. 10-11, 1984.* (2nd Symposium of International Pharmaceutical Technology, Ankara – Turkey).
6. Erbil, M.K., Özcan, N., **Uzbay, T.**, Demirci, D., Karaca, L. Effects of captopril on serum lipids, lipoproteins and apolipoproteins in patients with hypertension. American Association for Clinical Chemistry 43rd National Meeting, Washington DC- USA, July 28 - August 1 1991. *Clinical Chemistry, 37:927, 1991.*
7. **Uzbay, I.T.**, Akarsu, E.S., Kayaalp, S.O. Experimental ethanol withdrawal syndrome in rats: A new methodological approach and modification by drugs. 1.Turkish Neuroscience

Congress, İstanbul, October 12-16 1993. *İstanbul Üniversitesi, İstanbul Tıp Fakültesi 12. Kurultayı Özet Kitabı*, s.76-77.

8. **Uzbay, I.T.**, Doğrul, A., Deniz, G. Investigation of the analgesic effects of some calcium channel blockers by tail-flick method in mice. XIIth International Congress of Pharmacology, Montreal - Canada, July 24-29 1994. *Can. J. Physiol. Pharmacol.*, 72 (suppl.1):343, 1994.
9. **Uzbay, I.T.**, Erden, B.F., Sever, B., Kayaalp, S.O. L-arginine inhibits audiogenic seizures in ethanol withdrawn rats. 8th ECNP Congress, Venice-Italy, September 30-October 4 1995. *European Neuropsychopharmacology* 5:398-399, 1995.
10. **Uzbay, I.T.**, Sever, B., Celik, T., Ayhan, I.H. Effects of moclobemide in chronic ethanol feeding rats. 3rd European Symposium on Drug Addiction & AIDS, İstanbul October , 23-26 1995. *Book of Abstracts*, p.41.
11. **Uzbay, I.T.**, Kayaalp, S.O. Heterogeneity of tolerance developed to effects of ethanol on rotarod and accelerod performances in rats. 3rd European Symposium on Drug Addiction & AIDS, İstanbul, October 23-26 1995. *Book of Abstracts*, p.66.
12. **Uzbay, I.T.**, Önal, A., Doğrul, A., Çınar, M., Tuğlular, I. Different effects of antidepressant drugs on nociception measuring by hot-plate and tail-flick tests in mice. 1st Congress of Balkan Military Medical Committee, İstanbul, May 6-8 1996. *Abstract Book*, p.147.
13. **Uzbay, I.T.**, Erden, B.F., Sever, B. Effects of L-arginine on behavioral symptoms of ethanol withdrawal syndrome in rats. ECNP Regional Meeting, "Current Aspects in the Psychopharmacology of Mood Disorders", İstanbul, May 8-11 1996. *European Neuropsychopharmacology* 6 (Suppl.1):S1-27-S1-28, 1996.
14. Kaputlu, I., **Uzbay, I.T.** L-NAME inhibits pentylenetetrazole and strychnine induced seizures in mice. ECNP Regional Meeting, "Current Aspects in the Psychopharmacology of Mood Disorders", İstanbul, May 8-11 1996. *European Neuropsychopharmacology* 6 (Suppl.1):S1-29, 1996.
15. Doğrul, A., **Uzbay, I.T.**, Deniz, G. The effects of amlodipine and verapamil after peripheral and central administration against pentylenetetrazole convulsions. ECNP Regional Meeting, "Current Aspects in the Psychopharmacology of Mood Disorders", İstanbul, May 8-11 1996. *European Neuropsychopharmacology* 6 (Suppl.1):S1-29, 1996.
16. Doğrul, A., **Uzbay, I.T.**, Deniz, G. The counteracting effects of bromocriptine on locomotor activity and its interaction with amlodipine. ECNP Regional Meeting, "Current Aspects in the Psychopharmacology of Mood Disorders", İstanbul, May 8-11 1996. *European Neuropsychopharmacology* 6 (Suppl.1):S1-29-S1-30, 1996.
17. **Uzbay, I.T.**, Erden, B.F., Sever, B. Effects of nitric oxide synthase inhibition on ethanol withdrawal syndrome in rats. 9th ECNP Congress, Amsterdam-The Netherland, September 21-25 1996. *European Neuropsychopharmacology*, 6 (Suppl. 4): 130-131, 1996.
18. **Uzbay, I.T.**, Erden, B.F., Sever, B. The effects of L-arginine and N^G-nitro arginine methyl ester on locomotor activity in rats. 31st International Congress on Military Medicine, Beijing – China, October 11-17, 1996. *Abstract Book*, p. 179.

19. **Uzbay, I.T.**, Kartal, F., Erden, F., Tapanyigit, E., Kayaalp, S.O. Nitric oxide synthase (NOS) inhibition blocks ethanol and morphine withdrawal in rats. 59th Annual Scientific Meeting of College on Problems of Drug Dependence, Building International Research in Drug Abuse, June 14-19, Nashville-Tennessee, USA, 1997. *Abstract Book*, p. 14.
20. **Uzbay, I.T.**, Usanmaz, S.F., Arat, S., Akarsu, E.S. Dopaminergic turnover changes on various brain regions during ethanol withdrawal syndrome in rats. 10th Congress of ECNP, September 13-17, 1997, Vienna-Austria. *European Neuropharmacology*, 7 (suppl. 2): S253, 1997.
21. Ayhan, I.H., Celik, T., Gökçil, Z., Gündoğan, M.A., **Uzbay, I.T.**, Tulunay, F.C. Changes in steady state concentrations and fluctuations of carbamazepine in epileptic patients following the switch of formulations: Tegretol® (Ciba-Geigy) and Temporal® (Abdi İbrahim). 2nd Congress of the European Association for Clinical Pharmacology and Therapeutics (EACPT), September 17-20, 1997, Berlin – Germany. *Eur. J. Clin. Pharmacol.*, 52 (suppl.): 486, 1997.
22. Çınar, G.M., Tuğlular, I., **Uzbay, I.T.**, Aytemir, M. Analgesic effect of tianeptine in mice. 2nd Congress of the European Federation of IASP Chapters, September 23-27 1997, Barcelona – Spain. *Book of Abstracts*, p.263.
23. Öztürk, G., **Uzbay, T.**, Erol, D. Synthesis and analgesic & antiinflammatory activities of some new substituted 4-pyridone derivatives. First International Symposium on Pharmaceutical Chemistry, September 24-26, 1997, Ankara - Turkey. *Book of Abstracts*, P-033.
24. Aytemir, M.D., **Uzbay, T.**, Erol, D. New 4-pyridone derivatives as analgesic agents. First International Symposium on Pharmaceutical Chemistry, September 24-26, 1997, Ankara - Turkey. *Book of Abstracts*, P-036.
25. Celik, T., **Uzbay, I.T.**, Uzunalimoglu, O., Yurtaydin, C. Combination treatment of thioacetamide (TAA)-induced fulminant hepatic failure in the rat with benzodiazepine and opioid receptor antagonists. American Association for the Study of Liver Diseases, Postgraduate Courses & 48th Annual Meeting, November 7-11, 1997, Chicago, Illinois, USA. *Hepatology*, 26 (4, Pt. 2): 202A, 1997.
26. Celik, T., Zağlı, Ü., Kayir, H., Tan, A., Işimer, A., Akarsu, E.S., **Uzbay, I.T.** L-Dopa improves some early behavioral changes due to ethanol withdrawal syndrome (EWS) in rats. 3rd Congress of Balkan Military Medical Committee, May 10-13, 1998, Athens – Greece. *Abstract Book*, p. 300.
27. Celik, T., Kayir, H., Zağlı, Ü., Akarsu, E.S., **Uzbay, I.T.** Nitric oxide synthase inhibition blocks amphetamine-induced locomotor activity in mice. 3rd Congress of Balkan Military Medical Committee, May 10-13, 1998, Athens – Greece. *Abstract Book*, p. 301.
28. **Uzbay, I.T.**, Jenkins, J., Oglesby, M. W., Lal, H. Nitric oxide synthase inhibition blocks ethanol discrimination in male Long Evans rats. XXIst CINP Congress, July 12-16, 1998, Glasgow - Scotland. *Programme and Abstract Book*, p. 402.
29. Arıcıoğlu-Kartal, F., Gören, Z., Aker, R., Onat, F., **Uzbay, T.** The effect of agmatine on PTZ-induced convulsions. XIIIth International Congress of Pharmacology, July 26-31, 1998, Munchen - Germany. *Naunyn-Schmi. Arch. Pharmacol.* 358 (suppl. 1): R83, 1998.

30. Arıcıoğlu-Kartal, F., Erçil, E., **Uzbay, T.**, Ayanoğlu-Dülger, G. The effect of agmatine in nociceptive threshold in mice. XIIIth International Congress of Pharmacology, July 26-31, 1998, Munchen - Germany. *Naunyn-Schmi. Arch. Pharmacol.* 358 (suppl. 1): R174, 1998.
31. Arıcıoğlu-Kartal, F., **Uzbay, T.** The effect of agmatine on long-term memory in rats. XIIIth International Congress of Pharmacology, July 26-31, 1998, Munchen - Germany. *Naunyn-Schmi. Arch. Pharmacol.* 358 (suppl. 1): R174, 1998.
32. Erçil, E., Arıcıoğlu-Kartal, F., **Uzbay, T.**, Ayanoğlu-Dülger, G. Effect of agmatine on morphine dependence in guinea pig ileum. XIIIth International Congress of Pharmacology, July 26-31, 1998, Munchen - Germany. *Naunyn-Schmi. Arch. Pharmacol.* 358 (suppl. 1): 188, 1998.
33. Aydın A, Sayal A, Atay SK, **Uzbay I.T.**, Işimer A: Effects of cocaine on the antioxidadtive enzyme activities and metal levels in rats. Second International Meeting on Pharmacy & Pharmaceutical Sciences. 6-9 September 1998, Istanbul - Turkey. *Program & Abstract Book, p. 98.*
34. **Uzbay, I.T.**, Usanmaz, S.E., Akarsu, E.S. Serotonergic alterations in the rat brain during ethanol withdrawal. XIth Congress of the European College of Neuropsychopharmacology. October 31 - November 4, 1998. Paris - France. *European Neuropsychopharmacology, 8 (Suppl. 2): S292, 1998.*
35. Rezazadeh, S.M., Lal, H., **Uzbay, I.T.** Nitric oxide synthase inhibition attenuates saccharin or ethanol reinforced responding in Long-Evans rats. 28th Annual Meeting of Society for Neuroscience. November 7-12, 1998. Los Angeles, California – USA, *Soc. Neurosci., 24 (part 2): 2058, 1998.*
36. **Uzbay, T.**, Oglesby, M.W., Jenkins, J., Lal, H. An antagonist of nitric oxide synthase blocks the discriminative stimulus effects of ethanol. 28th Annual Meeting of Society for Neuroscience. November 7-12, 1998. Los Angeles, California – USA, *Soc. Neurosci., 24 (part 2): 2166, 1998.*
37. **Uzbay, I.T.**, Usanmaz, S.E., Akarsu, E.S. Effects of chronic ethanol ingestion on dopamine and serotonin metabolism in the rat brain. 12th Congress of the European College of Neuropsychopharmacology. September 21-25, 1999. London – UK, *European Neuropsychopharmacology, 9 (Supl. 5): S335-S336, 1999.*
38. Köksal, M., Çalış, U., **Uzbay, T.** Some arylhexahidropirimidine-2,4-diones and their anticonvulsant activities. 2nd International Symposium on Pharmaceutical Chemistry. September 22-24, 1999. Ankara – Turkey. *Book of Abstracts, P-54.*
39. Rezazadeh, S.M., Lal, H., Forster, M.J., **Uzbay, I.T.** Effects of NMDA receptor blockers and nitric oxide synthase inhibitors on cocaine-induced locomotor activity in mice. 29th Annual Meeting of Society for Neuroscience. October 23-28, 1999. Miami Beach, Fla. – USA, *Soc. Neurosci., 25 (part 2): 1717, 1999.*
40. **Uzbay, I.T.** L-NAME-precipitated catatonia during ethanol withdrawal in rats. 2nd International Symposium on Neurophysiological and Neuropsychological Assesment of Mental and Behavioral Disorders. October 22-24, 1999, Kirazlıyayla, Bursa – Turkey. *Program and Abstract Book, p. 34.*

41. Yeşilyurt, Ö., **Uzbay, I.T.** Agmatine potentiates analgesic effect of morphine by an alpha2-adrenoceptor mediated mechanism in mice. Regional Congress of Biological Psychiatry. July 3-5, 2000, İstanbul - Turkey. *Programme and Abstract Book*, p. 109.
42. **Uzbay, I.T.**, Lal, H. Effects of nitric oxide synthase inhibitors on pentylentetrazol-induced discriminative stimulus in Long-Evans rats. Regional Congress of Biological Psychiatry. July 3-5, 2000, İstanbul - Turkey. *Programme and Abstract Book*, p. 110.
43. Çalış, Ü., Köksal, M., **Uzbay, T.** Synthesis of novel hexahydropyrimidine-2,4-dion derivatives with potential anticonvulsant activity. 6th European Congress of Pharmaceutical Science. September 16-19 2000, Budapest – Hungary. *European Journal of Pharmaceutical Sciences*, 11(Supplement 1): S106, 2000.
44. Çalış, Ü., Özkanlı, F., Güney, A., **Uzbay, T.** Synthesis and anticonvulsant activity of some new ethylenedioide derivatives. 6th European Congress of Pharmaceutical Science. September 16-19 2000, Budapest – Hungary. *European Journal of Pharmaceutical Sciences*, 11(Supplement 1): S107, 2000.
45. Kenar, L., Karayılanoğlu, T., **Uzbay, T.** Investigation of the effects of chronic alcohol consumption on acetylcholinesterase (ACh-E) activity in rats. 5th Congress of Balkan Military Medical Committee. September 25-28, 2000, Ankara – Turkey. *Abstract Book*, p. 178-180.
46. Sahan, S., Konuklugil, B., Kutsal, O., **Uzbay, I.T.**, Deniz, G., Gören, Z. Assessment of therapeutic effect of Inula heterolepis boiss in alcoholic rats. International Congress and 49th Annual Meeting of the Society for Medicinal Plant Research. September 2-6, 2001, Erlangen – Germany. *Program and Abstracts*, p. 100.
47. **Uzbay, I.T.** Neurobiology of anxiety: New approaches and animal models. XXXIth Annual Congress of European Association for Behavioural and Cognitive Therapies. September 11-15, 2001, İstanbul – Turkey. *Abstract Book*, p.29.
48. Aricioglu-Kartal, F., **Uzbay, I.T.** Effects of harman and harmine on naloxone-precipitated withdrawal syndrome in morphine-dependent rats. 14th Congress of the European College of Neuropsychopharmacology. October 13-17 2001, İstanbul – Turkey (**poster**). *European Neuropsychopharmacology*, 11 (Suppl. 3): S334-S335, 2001.
49. **Uzbay, I.T.**, Kayir, H. Bromocriptine and quinpirole but not 7-OH-DPAT potentiate the inhibitory effect of L-NAME on ethanol-induced locomotor activity in mice. 14th Congress of the European College of Neuropsychopharmacology. October 13-17 2001, İstanbul – Turkey. *European Neuropsychopharmacology*, 11 (Suppl. 3): S335-S336, 2001.
50. Dogrul, A., Zagli, Ü., Yesiyurt, Ö., **Uzbay, I.T.**, Isimer, A. Effects of L-type calcium channel blockers on bromocriptine-induced psychomotor sensitization. 14th Congress of the European College of Neuropsychopharmacology. October 13-17 2001, İstanbul – Turkey. *European Neuropsychopharmacology*, 11 (Suppl. 3): S266, 2001.
51. Dogrul, A., Yesiyurt, Ö., **Uzbay, I.T.** Different effects of L-type calcium channel blockade on pentylentetrazole seizures in mice. 14th Congress of the European College of Neuropsychopharmacology. October 13-17 2001, İstanbul – Turkey (**poster**). *European Neuropsychopharmacology*, 11 (Suppl. 3): S353, 2001.

52. Berk, B., Aytemir, M.D., Erol, D.D., **Uzbay, I.T.** Synthesis and analgesic activity of new ketoprofen derivatives. 3rd International Symposium on Pharmaceutical Chemistry. September 17-19, 2001, İstanbul – Turkey. *Abstract Book*, p. 161-162.
53. Yurdaydin C, Celik T, Goren ZM, Gurdal H, Degim T, Toruner M, Cinar K, **Uzbay TI**, Bozkaya H. Is fatigue of cholestasis mediated by altered central serotonergic neurotransmission. 52nd Annual Meeting of The American Association for the Study of Liver Diseases. October 2001, Dallas, TX – USA. *Hepatology*, 34 (4, Pt.2): 551A, 2001.
54. **Uzbay I.T.**, Kayir H, Rezazadeh SM. Effects of SKF 38393 on ethanaol-induced locomotor activity in mice. Society of Neuroscience's 31st Annual Meeting. November 10-15, 2001, San Diego, CA – USA. *Soc. Neurosci. Abstr., Program No. 981.7*, 2001.
55. Ozkanlı, F., Güney, A., Çalis, U., **Uzbay, I.T.** Synthesis and anticonvulsant activity of some new dioxolan derivatives. XVIIth International Symposium on Medicinal Chemistry. September 1-5, 2002, Barcelona – Spain. *Drugs of the Future*, 27 (Suppl. A): 390, 2002.
56. Aytemir, M.D., **Uzbay, I.T.**, Erol, D.D. Synthesis and antinociceptive activities of new non-narcotic agents of hydroxy-N-substituted-4(1H)-pyridinone derivatives XVIIth International Symposium on Medicinal Chemistry. September 1-5, 2002, Barcelona – Spain (**poster**). *Drugs of the Future*, 27 (Suppl. A):206, 2002.
57. **Uzbay, İ. T.**, Celik, T., Aydin, A., Kayir, H., Tokgöz, S. Investigation of cyclic guanosine 3:5-monophosphate (cGMP) levels in the rat brain during ethanol withdrawal. 15th Congress of the European College of Neuropsychopharmacology. October 5-9, 2002, Barcelona – Spain. *European Neuropsychopharmacology*, 12 (Suppl. 3): S401, 2002.
58. Cinar, K., Celik, T., Bozkaya, H., Karaaslan, H., Uzunalimoglu, O., **Uzbay, T.**, Jones, A.E., Yurdaydin, C. The hepatoprotective effect of difluoromethylornithine: studies in rat models of fulminant hepatic failure. The Lever Meeting. 53rd Annual Meeting. November 1-5 2002, Boston, MA – USA. *Hepatology*, 36(4, Pt.2 of 2): 168A, 2002.
59. Kayir, H., **Uzbay, I.T.** Evidence for the role of nitric oxide in caffeine-induced locomotor activity in mice. 16th Congress of the European College of Neuropsychopharmacology. September 20-24 2003, Prag – Czech Republic (**poster**). *European Neuropsychopharmacology*, 13 (Suppl. 4): S426, 2003.
60. Kayir, H., Saglam, E., Celik, T., Beyazyurek, M., **Uzbay, I.T.** Effects of fluoxetine on ethanol withdrawal syndrome in rats. 16th Congress of the European College of Neuropsychopharmacology. September 20-24 2003, Prag – Czech Republic. *European Neuropsychopharmacology*, 13 (Suppl. 4): S426-S427, 2003.
61. Saglam, E., Kayir, H., Celik, T., Beyazyurek, M., **Uzbay, I.T.** Effects of venlafaxine on ethanol withdrawal syndrome in rats. 16th Congress of the European College of Neuropsychopharmacology. September 20-24 2003, Prag – Czech Republic. *European Neuropsychopharmacology*, 13 (Suppl. 4): S425, 2003.
62. Çakır, E., Celik, T., Kayir, H., Bilgi, C., **Uzbay, I.T.** A rat dementia model by chronic ethanol consumption and withdrawal: Validation by passive avoidance measurement and serum cholinesterase level. 13th Balkan Biochemical Biophysical Days & Meeting on Metabolic Disorders. October 12-15, 2003, Kuşadası-Turkey. *Turk J Biochem*, 28(3): 73-74, 2003.

63. Kayir, H., **Uzbay, I.T.** Nicotine antagonizes caffeine-induced but not pentylene-tetrazole-induced anxiogenic effect in mice. European College of Neuropsychopharmacology Workshop on Neuropsychopharmacology for Young Scientists in Europa. March 12-14 2004, Nice – France. *European Neuropsychopharmacology*, 14 (Suppl. 1): S35-S36, 2004.
64. **Uzbay, I.T.**, Kayir, H., Ceyhan, M. Tianeptine inhibits pentylene-tetrazole-induced seizures in mice via adenosinergic receptors. 17th Congress of European College of Neuropsychopharmacology, October 9-13 2004, Stockholm - Sweden. *European Neuropsychopharmacology*, 14 (Suppl. 3): S367, 2004.
65. Baysan, O., Kaptan, K., Erinc, K., Kayir, H., Uzun, M., **Uzbay, T.**, Beyan, C., Isik, E. Effect of chronic alcohol consumption on platelet aggregation in rats. The Third Asian-Pacific Congress on Thrombosis and Hemostasis. October 14-16, 2004, Bangkok – Thailand. *Program and Abstract Book*, p. 110.
66. Alici, T., Kayir, H., Aygoren, M.O., Saglam, E., **Uzbay, I.T.** Discriminative stimulus properties of tianeptine: partial substitution by fluoxetine and 8-OH-DPAT. European College of Neuropsychopharmacology Workshop on Neuropsychopharmacology for Young Scientists in Europa. March 3-6 2005, Nice – France. *European Neuropsychopharmacology*, 15 (Suppl. 1): S38-S39, 2005.
67. Kayir, H., Alici, T., **Uzbay, I.T.** Substitution of venlafaxine by fluoxetine and tianeptine in a conditioned taste aversion paradigm. European College of Neuropsychopharmacology Workshop on Neuropsychopharmacology for Young Scientists in Europa. March 3-6 2005, Nice – France. *European Neuropsychopharmacology*, 15 (Suppl. 1): S74-S75, 2005.
68. **Uzbay, I.T.**, Kayir, H., Coskun, I., Ozturk, N., Ozturk, Y. St John's Wort blocks nicotine-induced locomotor activity in mice. World Federation of Societies of Biological Psychiatry 8th World Congress of Biological Psychiatry. June 28 - July 3 2005, Vienna – Austria. *The World Journal of Biological Psychiatry*, 6 (Suppl. 1): 310, 2005.
69. **Uzbay, I.T.**, Coskun, I., Kayir, H., Ozturk, N., Ozturk, Y. St John's Wort blocks caffeine-induced locomotor activity in mice. World Federation of Societies of Biological Psychiatry 8th World Congress of Biological Psychiatry. June 28 - July 3 2005, Vienna – Austria. *The World Journal of Biological Psychiatry*, 6 (Suppl. 1): 310-311, 2005.
70. **Uzbay, I.T.**, Coskun, I., Ozturk, N., Ozturk, Y. Effects of St John's Wort on ethanol withdrawal syndrome in rats. World Federation of Societies of Biological Psychiatry 8th World Congress of Biological Psychiatry. June 28 - July 3 2005, Vienna – Austria. *The World Journal of Biological Psychiatry*, 6 (Suppl. 1): 311, 2005.
71. Kayir, H., **Uzbay, I.T.** Effects of N-nitro-L-arginine methyl ester on bromocriptine-induced locomotor sensitization in mice. 18th ECNP Congress. October 22-26, 2005, Amsterdam – The Netherlands. *European Neuropharmacology*, 15 (Suppl. 3): S581-S582, 2005.
72. Gergerlioglu, H.S., Savas, H.A., Bosnak, M., Bagci, Y., Baltaci, M.T., Bilgic, M., Bulut, N., Gergerlioglu, N., **Uzbay, I.T.** Induced locomotor hyperactivity on ethanol withdrawal syndrome in rats is inhibited by quetiapine but not olanzapine. The German society of Physiology, The Federation of European Physiological Societies, Joint Meeting. March 26-29, 2006, Munich – Germany. *Acta Physiologica*, 186 (Suppl. 1): 244, 2006

73. Yokusoglu, M., Sag, C., Cincik, M., Uzun, M., Kayir, H., Koz, C., Baykal, B., Ozkan, M., Ozogul, C., **Uzbay, I.T.**, Isik, E. The prevention of aortic ultrastructural changes by perindopril, atenolol and amlodipine in chronic alcohol administered rats. Second Clinical Vascular Biology Congress. April 26-30, 2006, Antalya – Turkey. *European Journal of Clinical Investigation*, 36 (4): 284, 2006.
74. Sag, C., Yokusoglu, M., Cincik, M., Ozkan, M., Kayir, H., Uzun, M., Baykal, B., Ozogul, C., Baysan, O., **Uzbay, I.T.**, Isik, E. The prevention of myocardial ultrastructural changes by perindopril, atenolol and amlodipine in chronic alcohol administered rats. Second Clinical Vascular Biology Congress. April 26-30, 2006, Antalya – Turkey. *European Journal of Clinical Investigation*, 36 (4): 284, 2006.
75. **Uzbay, I.T.** Neuroplasticity and depression. World Psychiatric Association International Congress 2006. July 12-16 İstanbul – Turkey. *Turkish Journal of Psychiatry*, 17 (Suppl. 1): 171-172, 2006.
76. Macit E, Akgul EO, Kunak ZI, Ogur R, Gul H, **Uzbay IT.** Determining of chemicals with expectorant activity in a traditional medicine used for treatment of chronic obstructive diseases in Turkey by gas chromatography/mass spectrometry. Third Symposium on the Practical Applications of Mass Spectrometry in the Biotechnology & Pharmaceutical Industries. September 6-8, 2006, La Jola, California, USA. *Final Program and Abstract Book*, p. 48.
77. Dogrul, A., **Uzbay I.T.** The involvement of the descending dopaminergic pathway in the systemic cannabinoids, but not opioid-induced antinociception. 19th European College of Neuropsychopharmacology. September 16-20, 2006, Paris – France. *European Neuropsychopharmacology* 16 (Suppl. 4): S249, 2006.
78. Unsalan, N., Kayir, H., Saglam, E., **Uzbay, I.T.** Effects of olanzapine on ethanol withdrawal syndrome in rats. 19th European College of Neuropsychopharmacology. September 16-20, 2006, Paris – France. *European Neuropsychopharmacology* 16 (Suppl. 4): S499, 2006.
79. Kayir, H., Yazgan, O., Yavuz, B., Acikmese, B., **Uzbay, I.T.** Behavioral sensitization to nicotine in drug discrimination procedure. 19th European College of Neuropsychopharmacology. September 16-20, 2006, Paris – France. *European Neuropsychopharmacology* 16 (Suppl. 4): S522, 2006.
80. Sezer, G., Tekol, Y., Sezer, Z., Gul, H., **Uzbay, I.T.** Local peripheral antinociceptive effect of venlafaxine on rat formalin test. Second International Congress on Neuropathic Pain (NeuPSIG). June 7-10, 2007, Berlin – Germany. *European Journal of Pain* 11 (Suppl.1): S175, 2007.
81. Unsal, O., Ozadali, K., Balkan, A., Kayir, H., **Uzbay, T.** Evaluation of analgesic activity of some new isoxazolo[4,5-d]pyrazidin-4(5H)-one derivatives. 5th International Symposium on Pharmaceutical Chemistry. September 05-07, İstanbul – Turkey. *Turkish Journal of Pharmaceutical Sciences, Special Issue*: 62, 2007.
82. Kayir, H., Göktalay, G., Yildirim, M., **Uzbay, I.T.** Clozapine inhibits development and expression of nicotine-induced locomotor sensitization in rats. The Third European Association of Addiction Therapy Conference. September 10-12, 2007, Vienna – Austria. *Final Program and Abstract Book*, p. 71-72.

83. **Uzbay, I.T.**, Yilmaz, I., Sezer, Z., Kayir, H. Effects of mirtazepine on pentylenetetrazole and maximal electroconvulsive shock-induced seizures in mice. 20th European College of Neuropsychopharmacology Congress. October 13-17, 2007, Vienna – Austria. *European Neuropsychopharmacology* 17 (Suppl. 4): S260, 2007.
84. Kayir, H., **Uzbay, I.T.** Effects of clozapine on ethanol withdrawal syndrome in rats. 20th European College of Neuropsychopharmacology Congress. October 13-17, 2007, Vienna – Austria. *European Neuropsychopharmacology* 17 (Suppl. 4): S548-S549, 2007.
85. Macit, E., Gul, H., **Uzbay, T.**, Aksoy, A., Cermik, H., Yildiz, O., Kunak, Z.İ., Topal, T. Gysophila L. induces hepatocellular damage in Balb/c mice. 21st International Symposium, Exhibit & Workshops on Preparative/Process Chromatography. June 15-18, 2008, San Jose, CA, USA. *Final Program and Abstract Book*, p. 45.
86. Yesilyurt, O., Uzun, G., Ay, H., Simsek, K., Yildiz, S., Seyrek, M., **Uzbay, I.T.** Effects of hyperbaric oxygen therapy on morphine-induced analgesia in mice. Undersea & Hyperbaric Medical Society, Annual Scientific Meeting. June 26-28, Salt Lake City, Utah – USA (**poster**). *Program and Abstracts*, p. 110.
87. Gulcan, E., Kayir, H., **Uzbay, I.T.**, Karakas, S. Response inhibition in rats through summation and reversal training procedures: Which is more effective? 14th World Congress of Psychophysiology - The Olympics of the Brain - of the International Organization of Psychophysiology (I.O.P) Associated with the United Nations. September 08-13, 2008, St. Petersburg – Russia (**poster**). *International Journal of Psychophysiology*, 69 (3): 218-219, 2008.
88. **Uzbay, I.T.**, Kayir, H., Göktalay, G., Yildirim, M. Agmatine induces schizophrenia like-symptom in Wistar rats. 21st European College of Neuropsychopharmacology Congress. August 30 – September 03, 2008, Barcelona – Spain (**poster**). *European Neuropsychopharmacology* 18 (Suppl. 4): S399, 2008.
89. Kayir, H., Yavuz, O., Göktalay, G., Yildirim, M., **Uzbay, I.T.** Prepulse inhibition may predict individual vulnerability to nicotine-induced sensitization in rats. 21st European College of Neuropsychopharmacology Congress. August 30 – September 03, 2009, Barcelona – Spain (**poster**). *European Neuropsychopharmacology* 18 (Suppl. 4): S546-S547, 2008.
90. **Uzbay, I.T.** New approaches of bipolar disorder and schizophrenia: Central nitrenergic system and agmatine. 11th Bridging Eastern and Western Psychiatry Congress 26-29 September, 2008, Antalya – Turkey (**oral**). Panel 3: Newest Research Findings in Bipolar Children and Adults. September 26, 2008. *Abstract Book*, p. 14-15.
91. Kayir, H., Ulusoy, G., Yararbas, G., Kose, A., Parlakpınar, H., Akdağ, E., Celik, T., **Uzbay, I.T.** Nicotine self-administration improves prepulse inhibition in low-inhibitory rats. 10th Annual Conference of the Society for Research on Nicotine and Tobacco. Europe. September 23-26, 2008, Rome – ITALY (**poster**). *Final Programme Book*, p. 105.
92. Macit, E., Çelik, T., Kayir, H. **Uzbay, İ.T.** Investigating the effects of antipsychotic drug clozapine on ethanol withdrawal syndrome in rats. 32nd Annual Scientific Meeting of the Research Society on Alcoholism. June, 20-24, 2009, San Diego, California –USA (**poster**). *Alcoholism Clinical and Experimental Research* 33 (Suppl.): 117A, 2009.

93. Dursun, İ., Elibol, B., Jakubowska Dogru E, **Uzbay, T.** Confounding factors gender and age, in the research of fetal ethanol effects on animal behavior. 32nd Annual Scientific Meeting of the Research Society on Alcoholism. June, 20-24, 2009, San Diego, California – USA (**poster**). *Alcoholism Clinical and Experimental Research* 33 (Suppl.): 35A, 2009.
94. Celik, T., Ulusoy, K.G., Isik, A.T., Bozoglu, E., Kayir, H., **Uzbay, T.** The effects of Pioglitazone on rotenone induced rat model of Parkinson's disease. 63rd Annual Scientific Meeting The Gerontological Society of America. November 19-23, 2010, New Orleans, LA – USA (**poster**). 2010 Late Breaker Poster Sessions, *Abstract Book*, p. 26.
95. Ulak, G., Komsuoglu Celikyurt, I., Kayir, H., Erden, F., Ulusoy, G., **Uzbay, T.** Quetiapine has beneficial effects on ethanol withdrawal syndrome in rats. 10th World Congress of Biological Psychiatry. May 29 - June 03, 2011, Prague – Czech Republic (poster). Abstract CD, P-15-014.
96. **Uzbay, T.**, Komsuoglu Celikyurt, I., Kayir, H., Ulak, G., Erden, F., Ulusoy, G. Improvement of ethanol-withdrawal signs via ziprasidone in rats. 10th World Congress of Biological Psychiatry. May 29 - June 03, 2011, Prague – Czech Republic (poster). Abstract CD, P-15-015.
97. Komsuoglu Celikyurt, I., Kayir, H., Ulak, G., Erden, F., Ulusoy, G., **Uzbay, T.** Beneficial effects of risperidone on ethanol withdrawal syndrome in rats. 10th World Congress of Biological Psychiatry. May 29 - June 03, 2011, Prague – Czech Republic (poster). Abstract CD, P-15-016.
98. Kayir, H., Yavuz, O., Goktalay, G., Yildirim, M., **Uzbay, İ.T.** The relationship between baseline prepulse inhibition levels and ethanol withdrawal severity in rats. 3rd European Conference on Schizophrenia Research – Facts and Visions (**poster**) 29 September – 1 October 2011, Berlin – Germany. *European Archives of Psychiatry and Clinical Neuroscience* 261 (Suppl. 1): S68, 2011.
99. **Uzbay, İ.T.**, Akdağ, E., Kayir, H. Effects of risperidone on development and expression of nicotine-induced locomotor sensitization in rats. 3rd European Conference on Schizophrenia Research – Facts and Visions (**poster**) 29 September – 1 October 2011, Berlin – Germany. *European Archives of Psychiatry and Clinical Neuroscience* 261 (Suppl. 1): S87, 2011.
100. **Uzbay, T.** Agmatine: A new neurotransmitter in the brain. 1st Istanbul – Eurasian Regional Congress of Biological Psychiatry (**oral lecture**). May 27-31, 2012, Istanbul – Turkey. *Congress Book*, p. 33-34, 2012.
101. Kayir, H., Kilicarlan, I., Kara, A., Calik, M., Goktalay, G., **Uzbay, T.** Effects of harmaline on prepulse inhibition in rats. International Behavioral Neuroscience Society (IBNS) Annual Meeting (**poster**) June 25-30 2013, Dublin – Ireland. *Abstracts of the International Behavioral Neuroscience*, 22:75, 2013.
102. Macit, E., Ulusoy, G., Celik, T., Kayir H., **Uzbay, T.** Comparative effects of antioxidants on chronic ethanol-induced oxidative stress in rat hippocampus. 36th Annual Scientific Meeting of the Research-Society-on-Alcoholism (**poster**) June 22-26, 2013, Orlando – USA. *Alcohol Clin Exp Res* 37(SI, Suppl. 2):182A, 2013.
103. **Uzbay, T.**, Kayir, H. The role of agmatine in pathogenesis of schizophrenia. 4th European

Conference on Schizophrenia Research (**oral**). September 26-28 2013, Berlin – Germany. *Eur Arch Psychiatry Clin Neurosci*, 263 (Suppl. 1): S54, 2013.

104. **Uzbay, T.** A fantastic neuroengineering: Synapse. II. Days of Bioengineering and Genetics Days. “Neuroengineering”. Üsküdar University, May 09 2014, İstanbul (Meeting Book, pp. 12-15) (**oral lecture**).
105. **Uzbay, T.,** Cevreli, B., Ozcetin, A., Goktalay, G., Kayir, H. Effects of harmine on prepulse inhibition of acoustic startle reflex in rats (**poster**) 17th World Congress of Pharmacology, 13-18 July 2014, Cape Town – South Africa. *Basic and Clinical Pharmacology & Toxicology* 115 (Suppl. 1): 188-189, 2014.
106. **Uzbay, T.** Neurobiology of substance abuse. Cognitive XII, International Cognitive Neuroscience Meeting, May 15-17, 2015, Üsküdar University, İstanbul. Session VII, May 17, 2015 (Abstract Book, pp.22-23) (**session speaker**).
107. **Uzbay, T.,** Ozcetin, A., Cevreli, B. The role of alpha-2 adrenergic receptors on prepulse inhibition of acoustic startle reflex in rats (**poster**) 5th European Conference on Schizophrenia Research, 24-26 September 2015, Berlin – Germany. *European Archives of Psychiatry and Clinical Neuroscience* 265 (Suppl. 1): S95, 2015.
108. Öz, P. Gözler, T., **Uzbay, İ.T.** The antidepressant-like effect of acute trans-/cis-zeatin isomer injection on female rats (**poster**). 14th National Congress of Neuroscience May 26-29 2016, Ankara - Turkey. [*Anatomy – An International Journal of Experimental and Clinical Anatomy*, 10 (Suppl. 1): S-43-S44, 2016].

PUBLICATIONS (in Turkish with an English Abstract)

PAPERS (with an English abstract)

1. **Uzbay, İ.T.** Pharmacy in Sweden. *FABAD Journal of Pharmaceutical Sciences*, 9: 133-142, 1984.
2. **Uzbay, İ.T.** The ideal usage of drugs in hospital treatment. *Bulletin of Ankara Chamber of Pharmacist*, 7: 336-344, 1985.
3. Celik, S., **Uzbay İ.T.** Phospholipid methylation in the cell membrane and its importance from the pharmacological point of view. *Bulletin of Gulhane Military Medical Academy*, 28(3): 819-26, 1986.
4. **Uzbay, İ.T.,** Üstel, I. Pregnancy and smoke, alcohol, drugs. *Bulletin of Ankara Chamber of Pharmacists*, 9 (Suppl.1): 1-32, 1987.
5. Deniz, G., **Uzbay İ.T.** Basal Ganglia, dopaminergic system and Parkinson Syndrome. A pharmacological approach. *Turkish Pharmacists Association News*, 36: 43-52, 1988.

6. Celik, S., Deniz, G., Saygi, S., **Uzbay, I.T.**, Simsek, R., Çetin, T., Kabasakal, L. Measurement of blood-drug levels. Bulletin of Gulhane Military Medical Academy, 30(4):855-860, 1988.
7. Celik, S., Çetin, T., Kabasakal, L., **Uzbay, I.T.** The antidepressant action of pizotifen. Bulletin of Gulhane Military Medical Academy, 31(3):679-686, 1989.
8. Deniz, G., **Uzbay, I.T.** Histamine H₃ receptors. Bulletin of Ankara Chamber of Pharmacists, 11:80-82, 1989.
9. **Uzbay, I.T.** Potassium channels and effects of drugs. Bulletin of Physiology, 2: 179-191, 1990.
10. **Uzbay, I.T.**, Deniz, G. Safe use of drugs for the treatment of nausea and vomiting in pregnancy. The Turkish Journal of Drugs & Therapeutics, 3: 390-397, 1990.
11. Özcan, N., **Uzbay, I.T.** Angiotensin converting enzyme inhibitors. Pharmacia, 30: 66-76, 1990.
12. Deniz, G., **Uzbay, I.T.**, Celik, S. The role of tetrabenazine in designing depressive animal model in rats with rotarod performance test. FABAD Journal of Pharmaceutical Sciences, 15(3):157-162, 1990.
13. Celik, S., Saygi, S., **Uzbay, I.T.** The role of articles in the use of antibiotic. Bulletin of Gulhane Military Medical Academy, 32(4):723-729, 1990.
14. Deniz, G., Saygi, S., **Uzbay, I.T.**, Celik, S. The investigation of analgesic effect of pizotifen by using tail-flick method in rats. Pharmacia, 31(1):9-15, 1991.
15. Deniz, G., **Uzbay, I.T.**, Celik, S. The effects of bromocriptine and piribedile on accelerated performance, locomotor activity and stereotyped behavior in the rat. Bulletin of Gulhane Military Medical Academy, 33(2):657-664, 1991.
16. Ozkan, M., Erbil, K., Dokumaci, B., Uyan, C., Tore, H.F., Isik, E., **Uzbay, I.T.**, Pektas, O. The association of serum lipids, lipoproteins and apolipoproteins with coronary artery disease assessed by coronary arteriography. Bulletin of Gulhane Military Medical Academy, 33(3):779-784, 1991.
17. Kömürcü, S., **Uzbay, I.T.**, Özcan, N., Karaca, L. Side effects of captopril. Turkish Journal of Medical Research, 10(1):22-26, 1992.
18. Göksan, K., **Uzbay, I.T.**, Duman, E., Göncü, T., Yardim, M. The antidepressant effect of pizotifen in depressed patients with tension headache- A controlled study with trazadone and placebo. Bulletin of Clinical Psychopharmacology, 2(3):47-49, 1992.
19. **Uzbay, I.T.** Flumazenil: A specific benzodiazepine receptor antagonist. Journal of Psychiatry, Psychology and Psychopharmacology, 2(3): 252-60, 1994.
20. **Uzbay, I.T.** Ethanol and dopaminergic system. Bulletin of Gulhane Military Medical Academy, 37(1): 124-30, 1995.

21. Simsek, R., Sever, B., **Uzbay, I.T.** Effects of some drugs using for treatment of motion sickness on locomotor activity of rats. Bulletin of Gulhane Military Medical Academy, 38: 315-319, 1996.
22. Dogrul, A., **Uzbay, I.T.** The pathophysiology and treatment of pain. Syndrome, 8: 65-76, 1996.
23. **Uzbay, I.T.** Alcohol, pharmacological properties and neuropharmacological aspect of ethanol dependence. Ege Psychiatry Publications (Alcohol abuse and Treatment), 1(2): 227-254, 1996.
24. Kayir, H., Ipekdal, I., Evrensel, A., **Uzbay, I.T.** Questioning the substance use among the attendants of substance dependence panel organized in Gulhane Military Medical Faculty. Journal of Addiction, 1: 72-80, 2000.
25. Kayir, H., **Uzbay, I.T.** Strain dependent differences between rodents in nicotine-induced locomotor sensitisation. Journal of Addiction, 2: 120-123, 2001.
26. **Uzbay, I.T.** Nitric oxide: is there any role in ethanol dependence? Could nitric oxide synthase inhibitors used for treatment of ethanol dependence in future? Bulletin of Turkish Pharmacology Association, 68: 3-7, 2001.
27. **Uzbay, I.T.** Neurobiology of anxiety. The Journal of Clinical Psychiatry, 5 (Suppl. 1): 5-13, 2002.
28. **Uzbay, I.T.**, Yüksel, N. Pharmacology and safety of drugs used in anxiety treatment. The Journal of Clinical Psychiatry, 5 (Suppl. 1): 14-26, 2002.
29. **Uzbay, I.T.**, Yüksel, N. Venlafaxine in anxiety treatment: Its pharmacology and safety. The Journal of Clinical Psychiatry, 5 (Suppl. 1): 27-35, 2002.
30. **Uzbay, I.T.** Tianeptine: general informations, pharmacology and clinical safety. The Journal of Clinical Psychiatry, 5 (Suppl. 2): 3-9, 2002.
31. **Uzbay, I.T.**, Yüksel N. Tianeptine in depression treatment. The Journal of Clinical Psychiatry, 5 (Suppl. 2): 10-17, 2002.
32. **Uzbay, I.T.** The clinical effects of tianeptine other than depression and its potential usage areas. The Journal of Clinical Psychiatry, 5 (Suppl. 2): 18-23, 2002.
33. **Uzbay, I.T.** Animal models using in epilepsy researches. Turkish Journal of Neurology, 8(3): 45-54, 2002.
34. **Uzbay, I.T.** Experimental animal models using in Alzheimer's disease studies. Journal of Demantia, 3(1): 5-14, 2003.
35. Celik, T., **Uzbay, I.T.** Recent developments of pharmacological treatment of Alzheimer disease. Journal of Dementia, 3(2): 48-58, 2003.
36. Sağlam, E., **Uzbay, I.T.**, Beyazyürek, M. Psychopharmacologic characteristics of substance dependence. Journal of Dependence, 4: 81-87, 2003.

37. Ulusu, U., **Uzbay, I.T.**, Karakas, S. The effects of L-NAME on nicotine-induced locomotor sensitization in mice. Journal of Addiction, 4: 20-25, 2003.
38. Celik, E., **Uzbay, I.T.**, Karakas, S. Investigation of cross-sensitization between nicotine and amphetamine in mice. The Journal of Clinical Psychiatry, 6: 67-74, 2003.
39. Kayir, H., **Uzbay, I.T.** Central adenosinergic system and its clinical importance, Bulletin of Clinical Psychopharmacology, 14: 159-167, 2004.
40. **Uzbay, I.T.**, Yüksel, N. Antidepressants and sexual dysfunction. The Journal of Clinical Psychiatry, 7 (Suppl. 3): 14-24, 2004.
41. **Uzbay, T.** Neurobiology of anxiety and depression. The Journal of Clinical Psychiatry, 7 (Suppl. 4): 3-11, 2004.
42. **Uzbay, I.T.**, Animal models in Parkinson's disease. Turkish Journal of Neurology, 11 (4Suppl. 1):10-19, 2005.
43. **Uzbay, I.T.**, Kayir, H. Animal models of Alzheimer disease. Turkish Journal of Neurology, 11 (4Suppl.1):20-28, 2005.
44. **Uzbay, I.T.** Substance dependence and dopaminergic system. Turkey Clinics, Internal Medicine Sciences, Psychiatry (Special Issue of Alcohol and Substance Dependence), 1 (47): 65-72, 2006.
45. Soysal, A.Ş., **Uzbay, I.T.** Can the brain rewarding system be a novel target in treatment of major depression. New Symposium, 44: 3-11, 2006.
46. Alici, T., **Uzbay, I.T.** Cannabinoids: A review on neurobiological and neuropsychopharmacological bases of dependence and rewarding effects. Journal of Dependence, 7: 140-149, 2006.
47. Mutlu, O., Erden B.F., **Uzbay, I.T.** Alcohol and substance dependence. Türkiye Klinikleri Journal of Surgical Medical Sciences, 2: 86-94, 2006.
48. **Uzbay, I.T.** Nitric oksid: A Possible new target in alcohol abuse and dependence. RCHP-Reviews, Cases and Hypotheses in Psychiatry, 1: 29-40, 2007.
49. **Uzbay, T.** Is tianeptine a drug that increases serotonin reuptake? RCHP-Reviews, Cases and Hypothesis in Psychiatry, 1 (3): 9-14, 2007.
50. **Uzbay, I.T.** Substance dependence and effects of Hypericum perforatum on substance dependence. Fitomed Türkiye, 2(9): 11-22, 2009.
51. **Uzbay, T.**, A new target for treatment of schizophrenia: agmatine and polyamine system. The Journal of Clinical Psychiatry, 12: 188-196, 2009.
52. Sabirli, S., **Uzbay, I.T.** Drug entrance into central nervous system and important pharmacokinetic properties of the drugs affected central nervous system. Türkiye Klinikleri J Neurol-Special Topics, 3: 7-13, 2010.
53. **Uzbay, I.T.** Agomelatine: General information, pharmacology and usage safety. The Journal

of Clinical Psychiatry, 15 (Ek 1): 9-19, 2012.

54. **Uzbay, T.** Is it possible to understand the brain by only neuroscience? New expansions and approaches from neurological sciences to social sciences in the brain century. Üsküdar University Journal of Social Sciences 1 (1): 119-155, 2015.

WRITTEN OR EDITED SCIENTIFIC BOOKS (IN TURKISH)

1. **Uzbay, I.T.** Basis of Psychopharmacology and Experimental Research Technics. Cizgi Tip Publishing House, Ankara, 2004.
2. **Uzbay, I.T.** Psychotropic Drug Interactions Psychotropic Drug Usage in Pregnancy and Lactation. Cizgi Tip Publishing House, Ankara, 2004.
3. **Uzbay, I.T.** Neuroplasticity and Depression. Çizgi Tip Publishing House, Ankara, 2005.
4. **Uzbay, I.T.** Neuropsychopharmacology: Rational Drug Usage. İstanbul Medical Publication, İstanbul, 2007.
5. Karakas, S., Irkeç, C., Iseri, E., Karakas, H.M., Yüksel, N., Arıkan, O., **Uzbay, I.T.**, Ozgoren, M. (editors) Cognitive Neurosciences. MN Medikal & Nobel, Ankara, 2008.
6. Işık, E., **Uzbay, İ.T.** Current Basic and Clinical Psychopharmacology. Asimetrik Paralel & Golden Medya, İstanbul, 2009.

CHAPTERS IN BOOKS (IN TURKISH)

1. **Uzbay, I.T.**, Ozcan, N. Usage safety and pharmacology of antihypertensive drugs. In: Hypertension, Özcan, N. (ed.), Ideal Printing Inc., Ankara, 1995, pp.111-149.
2. **Uzbay, I.T.** Drug abuse and dependence. In: Pharmacology Textbook, Bökesoy, T.A., Çakıcı, İ., Melli, M. (eds), Gazi Bookstore, Ankara, 2000, pp. 659-670.
3. **Uzbay, I.T.**, Ozcan, N. Usage safety and pharmacology of antihypertensive drugs. In: Hypertension, Özcan, N. (ed.), 2nd Edition, Özkan Printing Ltd., Ankara, 2001, pp.165-201.
4. **Uzbay, I.T.**, Kayaalp, S.O. Alcohols. In: Medical Pharmacology: from Aspect of Rationale Therapy. Kayaalp, S.O. (ed.), 10th Edition, Feryal Printing Ltd., Ankara, 2002, pp. 856-868 (in Turkish).
5. **Uzbay, I.T.**, Yüksel, N. Substance abuse and dependence. In: Psychopharmacology, Yüksel, N. (ed.), 3rd edition, Çizgi Tıp Publishing House, Ankara, 2003, pp. 485-520.
6. **Uzbay, I.T.** Parkinson disease, pharmacological treatment and experimental Parkinson models for drug development. In: Brain and Neuropsychology: Basic and Clinical Sciences, Karakas, S., İrkeç, C., Yüksel, N. (eds), Çizgi Tıp Publishing House, Ankara, 2003, pp. 145-159.

7. **Uzbay, I.T.** Referee responsibility. In: Periodical Publication in Health Science – 2004, Yılmaz, O. (Ed.), TÜBİTAK Printing House, Ankara, 2004, pp.127-134.
8. **Uzbay, I.T.** Experimental animal models using in schizophrenia reseraches. In: Schizophrenia – I, Ceylan, M.E., Çetin, M. (eds.), Üçüncü Baskı, Yerküre Advertisement and Publication Serves, İstanbul, 2005, pp. 147-167.
9. Tuğlular, I., **Uzbay, I.T.** Studies development of new psychotropic drugs. In: Schizophrenia – II, Ceylan, M.E., Çetin, M. (eds.), Üçüncü Baskı, Yerküre Advertisement and Publication Serves, İstanbul, 2005, pp. 1241-1267.
10. **Uzbay, I.T.** Alcohols. In: KAYAALP's Medical Pharmacology: from Aspect of Rationale Therapy. Kayaalp, S.O. (ed.), 11th Edition, Feryal Printing Ltd, Ankara, 2005, pp. 739-750.
11. Kayaalp, S.O., **Uzbay, I.T.** Drug abuse and dependence. In: KAYAALP's Medical Pharmacology: from Aspect of Rationale Therapy. Kayaalp, S.O. (ed.), 11th Edition, Feryal Printing Ltd, Ankara, 2005, pp. 816-836.
12. **Uzbay, I.T.** Brain biochemistry and behavior. In: Psychological Diseases, Yüksel, N. (ed.), Third Edition, MN Medikal & Nobel, Özyurt Printing House, Ankara, 2006, pp. 45-65.
13. **Uzbay, T.** Ethics in scientific research. In: Periodical Publication in Health Science – 2004, Yılmaz, O. (Ed.), TÜBİTAK Printing House, Ankara, 2006, pp.19-26 (in Turkish).
14. **Uzbay, I.T.** Neuropharmacology of anxiety. New approaches and experimental models. In: Current Development in Anxiety Disorders, Dilbaz, N. (ed.), Pozitif Printing House, Ankara, 2006, pp. 161-173.
15. **Uzbay, I.T.** Nöroplasticity. In: Cognitive Neurosciences, Karakas, S., İrkeç, C., İşeri, E., Karakas, H.M., Yüksel, N., Arıkan, O., Uzbay, I.T., Özgören, M. (eds.), MN Medikal & Nobel, Ankara, 2008, pp. 255-265.
16. Alici, T., **Uzbay, I.T.** Dependence. In: Cognitive Neurosciences, Karakas, S., İrkeç, C., İşeri, E., Karakas, H.M., Yüksel, N., Arıkan, O., Uzbay, I.T., Özgören, M. (eds.), MN Medikal & Nobel, Ankara, 2008, pp. 701-724.
17. Kayaalp, S.O., **Uzbay, İ.T.** Bases of central nervous system. KAYAALP's Medical Pharmacology: from Aspect of Rationale Therapy. Kayaalp, S.O. (ed.), 12th Edition, Pelikan Publishing, Feryal Printing Ltd, Ankara, 2009, pp. 623-659.
18. **Uzbay, İ.T.** Alcohols. In: KAYAALP's Medical Pharmacology: from Aspect of Rationale Therapy. Kayaalp, S.O. (ed.), 12th Edition, Pelikan Publishing, Feryal Printing Ltd, Ankara, 2009, p. 739-750.
19. Kayaalp, S.O., **Uzbay, İ.T.** Drug abuse and dependence. In: KAYAALP's Medical Pharmacology: from Aspect of Rationale Therapy. Kayaalp, S.O. (ed.), 12th Edition, Pelikan Publishing, Feryal Printing Ltd, Ankara, 2009, p. 816-836.
20. **Uzbay, İ.T.**, Rational drug use in child psychiatry. In: Psychopharmacology in childhood, Aysev, A., Gürkan, K. (eds.), Ankara University Printing House, Ankara, 2009, p. 29-67.
21. **Uzbay, İ.T.** Neurobiochemistry of basal ganglia. In: Parkinson Disorder, Emre, M. (ed.),

Güneş Tıp Kitabevleri, Ankara, 2010, pp. 37-54.

22. **Uzby, İ.T.** Experimental animal models for psychiatric disorders. In: Basic Psychopharmacology, Yüksel, N., Soygür, H., Tural, Ü., Demet, M.M. (eds.), Publications of Psychiatric Association of Turkey, Series of Scientific Research Units – No: 11, BAYT Ltd. Şti., Ankara, 2010, pp. 136-164.
23. Tuğlular, I., **Uzby, İ.T.**, Development of psychotropic drugs. In: Basic Psychopharmacology, Yüksel, N., Soygür, H., Tural, Ü., Demet, M.M. (eds.), Publications of Psychiatric Association of Turkey, Series of Scientific Research Units – No: 11, BAYT Ltd. Şti., Ankara, 2010, pp. 248-261.
24. **Uzby, İ.T.** Neurochemical transmission. In: Biological Psychiatry, Işık, E., Işık Taner, Y., Işık, U. (eds.), Sigma Publishing – Has Matbaacılık San.Tic.Ltd.Şti., İstanbul, pp. 7-62.
25. **Uzby, İ.T.**, Berkman, K. Psychotrop drug interactions. In: Guide for Diagnosis and Therapy of Substance Handbook, Akvardarlar, Y., Arıkan, Z., Berkman, K., Dilbaz, N., Oral, G., Uluğ, B., Uzby, İ.T., Akgür Annette, S., Bilici, M., Tamar Gürol, D., Mete, L., Gürel, Ş.C., Zorlu, N. (eds.), T.C. Ministry of Health Head Office of Health Services, Pozitif Printinghouse, Ankara, 2012, pp. 259-272.

ABSTRACTS (IN TURKISH)

1. Celik, S., Deniz, G., **Uzby, İ.T.**, Akbas, O. Effects of pizotifen on locomotor activity in adult mice. *Turkish Journal of Pharmacology and Clinical Research*, 4:21, 1986. (VIIIth National Congress of Pharmacology, Antalya-Turkey).
2. **Uzby, İ.T.**, Celik, S., Akbas, O., Deniz, G. Effects of tetrabenazine on rotarod performance in young rats. *Turkish Journal of Pharmacology and Clinical Research*, 4:20-21, 1986. (VIIIth National Congress of Pharmacology, Antalya-Turkey).
3. Celik, S., Saygi, S., **Uzby, İ.T.** The analgesic action of pizotifen. *Turkish Journal of Pharmacology and Clinical Research*, 5:42, 1988. (IXth National Congress of Pharmacology, Antalya-Turkey).
4. Celik, S., Saygi, S., **Uzby, İ.T.** The role of the articles in the use of antibiotic. *Turkish Journal of Pharmacology and Clinical Research*, 5:47, 1988. (IXth National Congress of Pharmacology, Antalya-Turkey).
5. **Uzby, İ.T.**, Deniz, G. Safe use of drugs for the treatment of nausea and vomiting in pregnancy. *Abstract book*, p.33, 1989. (3rd Turkish Congress of Pharmacy, Istanbul-Turkey).
6. **Uzby, İ.T.**, Onur, R. Effects of some alpha agonists on electrically stimulated rat anococcygeus muscle. *Journal of Faculty of Medicine of Uludag University*, 17(Suppl.21):28, 1990. (Xth National Congress of Pharmacology, Bursa-Turkey).
7. Deniz, G., **Uzby, İ.T.**, Celik, S. Effects of bromokriptine and piribedil on locomotor activity and acceleroed performans test. *Journal of Faculty of Medicine of Uludag University*, 17(Suppl.21):38, 1990. (Xth National Congress of Pharmacology, Bursa-Turkey).

8. Baktir, G., **Uzbay, I.T.**, Atay, H., Sunam, G. Effects of buspirone and placebo on psychomotor performance in healthy volunteers. *Journal of Faculty of Medicine of Uludag University*, 17(Suppl.21):38, 1990. (Xth National Congress of Pharmacology, Bursa-Turkey).
9. Göksan, K., **Uzbay, I.T.**, Duman, E., Göncü, T., Yardim, M. The antidepressant effect of pizotifen in depressed patients with tension headache - A controlled study with trazodone and placebo. *Abstract Book*, pp.216-217, 1991. (XXVIIth National Congress of Psychiatric Sciences, Antalya-Turkey).
10. **Uzbay, I.T.**, Özcan, N., Erbil, M.K., Karaca, L. Effects of captopril on serum lipid, lipoprotein, apolipoprotein and glucose levels in patient with essential hypertension. *Abstract Book*, p.48, 1992. (VIIIth National Congress of Cardiology, Istanbul-Turkey).
11. Kömürcü, S., **Uzbay, I.T.**, Özcan, N., Karaca, L. Side effects of captopril, an angiotensin converting enzyme inhibitor. *Abstract Book*, p.48, 1992 (VIIIth National Congress of Cardiology, Istanbul-Turkey)
12. **Uzbay, I.T.**, Kayaalp, S.O. An alternative liquid diet for investigation of chronic ethanol consumption and ethanol withdrawal syndrome in rats. *Abstract Book*, p.36, 1992 (XIth National Congress of Pharmacology, Nevsehir-Turkey).
13. **Uzbay, I.T.**, Kayaalp, S.O. Properties of tolerance developed to ethanol in rats. *Abstract Book*, p.37, 1992. (XIth National Congress of Pharmacology, Nevsehir-Turkey).
14. **Uzbay, I.T.**, Akarsu, E.S., Kayaalp, S.O. Effects of bromocriptine and haloperidole on ethanol withdrawal syndrome in rats. *Abstract Book*, p.38, 1992. (XIth National Congress of Pharmacology, Nevsehir-Turkey).
15. **Uzbay, I.T.**, Akarsu, E.S., Kayaalp, S.O. Effects of flumazenil (Ro 15-1788) on ethanol withdrawal syndrome in rats. *Abstract Book*, p.98, 1992. (XIth National Congress of Pharmacology, Nevsehir-Turkey).
16. **Uzbay, I.T.**, Celik, T., Deniz, G., Ayhan, I.H. Effects of acute and chronic moclobemide administration on audiogenic seizure in ethanol withdrawn rats. *Abstract Book*, p.12, 1994. (XIIth National Congress of Pharmacology, Tekirova-Turkey).
17. **Uzbay, I.T.**, Dogrul, A., Deniz, G., Kayaalp, S.O. Investigation of the analgesic effects of diltiazem, verapamil, nifedipine and amlodipine by tail-flick test in mice. *Abstract Book*, p.28, 1994. (XIIth National Congress of Pharmacology, Tekirova-Turkey).
18. Dogrul, A., **Uzbay, I.T.**, Deniz, G. Investigation of the analgesic effects of amlodipine by writhing test in mice. *Abstract Book*, p.29, 1994. (XIIth National Congress of Pharmacology, Tekirova-Turkey).
19. Dogrul, A., **Uzbay, I.T.**, Deniz, G. Effects of amlodipine, a calcium channel antagonist, on locomotor activity in mice. *Abstract Book*, p.34, 1994. (XIIth National Congress of Pharmacology, Tekirova-Turkey).
20. **Uzbay, I.T.** Experimental animal models for chronic alcohol consumption and alcohol withdrawal syndrome. *Abstract Book*, p.24, 1996. (1st National Congress of Biological Psychiatry, Kirazlıyayla, Bursa-Turkey).

21. **Uzbay, I.T.**, Erden, B.F., Sever, B. Effects of L-arginine and NG-nitro arginine methyl ester on locomotor activity in rats. *Abstract Book*, p.65, 1996 (1st National Congress of Biological Psychiatry, Kirazlıyayla, Bursa-Turkey).
22. **Uzbay, I.T.**, Sever, B. No chronic tolerance develops to the inhibitor effects of ethanol on accelerated performance in rats. *Abstract Book*, p.66, 1996 (1st National Congress of Biological Psychiatry, Kirazlıyayla, Bursa-Turkey).
23. Kaputlu, I., **Uzbay, I.T.** Effects of L-NAME, a NOS inhibitor, on pentylentetrazole and strychnine-induced seizures. *Abstract Book*, p. 143, 1996 (XIIIth National Congress of Pharmacology, Tekirova, Antalya – Turkey).
24. Çınar, M., **Uzbay, I.T.**, Tuğlular, I. Investigation of the analgesic effects of tianeptine by two different nociception tests in mice. *Abstract Book*, p. 147, 1996 (XIIIth National Congress of Pharmacology, Tekirova, Antalya – Turkey).
25. **Uzbay, I.T.** Experimental psychopharmacological studies on substance dependence and current developments. *Abstract Book*, p. 128, 1999. (35th National Congress of Psychiatry, Trabzon – Turkey).
26. Celik, T., Tan, A., Boydağ, S., Kayir, H., Işimer, A., **Uzbay, I.T.** Effects of opioidergic and serotonergic receptor antagonists on fatigue induced by colestasis: An evaluation by a new fatigue model. *Abstract Book*, P 01-06, 1999. (XVth National Congress of Pharmacology, Manavgat, Antalya – Turkey).
27. **Uzbay, I.T.**, Yeşilyurt, Ö., Ergün, H., Celik, T., Işimer, A. Beneficial effects of agmatine on alcohol withdrawal syndrome in rats. *Abstract Book*, p. 05-20, 1999. (XVth National Congress of Pharmacology, Manavgat, Antalya – Turkey).
28. Ergün, H., **Uzbay, I.T.**, Yeşilyurt, Ö., Celik, T., Boydağ, S., Tulunay, F.C. Investigation of the effects of metimazole on alcohol withdrawal syndrome in rats. *Abstract Book*, p. 05-21, 1999. (XVth National Congress of Pharmacology, Manavgat, Antalya – Turkey).
29. Kayir, H., **Uzbay, I.T.** Characteristics of sensitization development to a challenge dose of ethanol after two weeks following the first injection in mice. *Programme and Abstract Book*, p. 56-57, 2001. (3rd National Congress of Biological Psychiatry, Cappadocia, Nevşehir – Turkey).
30. Gören, M.Z., Arıcıoğlu-Kartal, F., Gürkan, T., **Uzbay, I.T.** Increased striatal L-citrulline level in chronic ethanol treated rats during ethanol withdrawal. *Programme and Abstract Book*, p. 47, 2001. (XVIth National Congress of Pharmacology, Kuşadası, Aydın – Turkey).
31. **Uzbay, I.T.**, Kayir, H. Effects of quinpirole and 7-OH-DPAT on ethanol-induced locomotor activity in mice. *Programme and Abstract Book*, p. 58, 2001. (XVIth National Congress of Pharmacology, Kuşadası, Aydın – Turkey).
32. Bilgi, C., Tokgöz, S., Aydın, A., Celik, T., **Uzbay, I.T.** Investigation of blood acetylcholine esterase (ACh-E) activity in rats during chronic ethanol consumption and ethanol withdrawal. *Programme and Abstract Book*, p. P-25, 2002. (1st National Congress of Neuroscience, Eskişehir – Turkey).

33. **Uzbay, I.T.**, Kayir, H., Yüksel, N. Investigation of the effects tianeptine on ethanol consumption and ethanol withdrawal syndrome in rats. *Programme and Abstract Book*, p. 63-64, 2002. (38th National Congress of Psychiatry, Marmaris – Turkey).
34. Celik, E., **Uzbay, I.T.**, Karakas, S. Investigation of the effects of caffeine and amphetamine on nicotine-induced locomotor sensitization in mice. *Programme and Abstract Book*, p. 66-67, 2002. (38th National Congress of Psychiatry, Marmaris – Turkey).
35. Ulusu, U., **Uzbay, I.T.**, Karakas, S. Investigation of the role of nitric oxide by measurement of locomotor activity in mice. *Programme and Abstract Book*, p. 67-68, 2002. (38th National Congress of Psychiatry, Marmaris – Turkey).
36. Kayir, H., Ceyhan, M., **Uzbay, I.T.** Effects of tianeptine and fluoksetine on the seizures induced by pentylenetetrazole in rats. *Abstract Book*, p. 149-150, 2003. (4th National Congress of Biological Psychiatry, Ankara –Turkey).
37. Kayir, H., **Uzbay, I.T.** Nicotine antagonizes caffeine-induced anxiety in mice. *Abstract Book*, p. 198-200, 2003. (4th National Congress of Biological Psychiatry, Ankara –Turkey).
38. **Uzbay, I.T.** The basic principles in psychopharmacology concerned with experimental studies. *Abstract Book*, p. 198-200. (39th National Congress of Psychiatry, Antalya - Turkey).
39. Kayir, H., Ceyhan, M., **Uzbay, I.T.** The effects of tianeptine on pentylenetetrazole-induced seizures in mice. 1: The role of adenosine receptors. *Scientific Programme & Abstract Book*, p. 223-224. (17th National Congress of Pharmacology, 1st Clinical Pharmacology Symposium and Joint Meeting Turkish & Dutch Pharmacological Societies, Belek-Antalya – Turkey).
40. Kayir, H., Ceyhan, M., **Uzbay, I.T.** The effects of tianeptine on pentylenetetrazole and picrotoxine-induced seizures in mice. 2: Interaction with aminoacidergic system. *Scientific Programme & Abstract Book*, p. 226-227. (17th National Congress of Pharmacology, 1st Clinical Pharmacology Symposium and Joint Meeting Turkish & Dutch Pharmacological Societies, Belek-Antalya – Turkey).
41. Celik, T., Ceyhan, M., Kayir, H., Gökcoy, C., Demirtaş, S., **Uzbay, I.T.** Audiogenic stimulus changes hippocampal acetylcholine and choline releasing in the ethanol-withdrawal in rats. *Scientific Programme & Abstract Book*, p. 228. (17th National Congress of Pharmacology, 1st Clinical Pharmacology Symposium and Joint Meeting Turkish & Dutch Pharmacological Societies, Belek-Antalya – Turkey).
42. Ulusu, U., **Uzbay, I.T.**, Kayir, H., Karakas, S. Role of nitric oxide in nicotine-induced locomotor sensitization in mice. *Abstract Book*, p. 220 (39th National Congress of Neurology, 22-26 Ekim 2003, Belek, Antalya – Turkey).
43. Celik, E., **Uzbay, I.T.**, Karakas, S. The effects of cross-sensitization between nicotine, caffeine and amphetamine on the locomotor activity in mice. *Abstract Book*, p. 220-221 (39th National Congress of Neurology, 22-26 Ekim 2003, Belek, Antalya – Turkey).
44. Sağlam, E., Kayir, H., Celik, T., Beyazyürek, M., **Uzbay, I.T.** Effects of fluoxetine and venlafaxine on alcohol withdrawal syndrome in rats. *Abstract Book*, p. 125 (1st National Congress of Alcohol and Substance Dependence, Antalya – Turkey).

45. Özkan, M., Sağ, C., Cıncık, M., Kayir, H., Baykal, B., Özoğul, C., Yokuşoğlu, M., **Uzbay, I.T.** Effects of perindopril, amlodipine and atenolol in the rats exposed to chronic alcohol. *Archives of Turkish Cardiology Association*, 32: 432, 2004 (XX. National Congress of Cardiology, 27-30 November 2004, Antalya – Turkey).
46. Kayir, H., **Uzbay, I.T.**, Celik, T. The effects of cholinergic receptor agonist and antagonists on the induction of audiogenic seizures during ethanol-withdrawal in rats. *Neuroanatomy*, 4 (Suppl. 1): 14, 2005 (4th National Congress of Neuroscience, March 29 – April 2, 2005, Mersin – Turkey).
47. Jakubowska-Dogru, E., Dursun, I., **Uzbay, I.T.** Effects of prenatal alcohol exposure on activity, anxiety and learning in young adult Wistar rats. *Neuroanatomy*, 4 (Suppl. 1): 23, 2005 (4th National Congress of Neuroscience, March 29 – April 2, 2005, Mersin – Turkey).
48. Gergerlioğlu, H.S., Savaş, H.A., Boşnak, M., Bağcı, C., Baltacı, Y., Bilgiç, M.T., **Uzbay, T.** Ketiapine and omega-3 but not olanzapine inhibit withdrawal-induced locomotor hyperactivity in rats. *Abstract Book*, p. 56. (XXXIth National Congress of Physiology, September 27-30, 2005, Gaziantep – Turkey).
49. Sağlam, E., Celik, T., **Uzbay, I.T.** Effects of s-citalopram on ethanol withdrawal syndrome in rats. *Abstract Book*, p. 184. (18th National Congress of Pharmacology, September 28 – October 1, 2005, İzmir – Turkey).
50. Doğrul, A., Coşkun, İ., **Uzbay, I.T.** The role of A1 and A2 adenosinergic receptors in analgesia and thermal hyperalgesia exhibiting after peripheral adrenergic and imidazoline receptor agonist treatment. *Abstract Book*, p. 209. (18th National Congress of Pharmacology, September 28 – October 1, 2005, İzmir – Turkey).
51. **Uzbay, I.T.**, Doğrul, A. Inhibitory effects of tianeptine on neuropathic pain in rats. *Abstract Book*, p. 275. (1. National Congress of Psychopharmacology, December 14-17, İstanbul – Turkey).
52. Kayir, H., Yazgan, U., Yavuz O., Açıkmeşe, B., **Uzbay, I.T.** Development of sensitization to discriminative effect of nicotine. *Abstract Book*, p. 276. (1. National Congress of Psychopharmacology, December 14-17, İstanbul – Turkey).
53. **Uzbay, I.T.** Substance dependence and the role of pharmacist in prevention substance dependence. *Abstract Book*, p. 20-21. (VIIIth Pharmacy Congress of Turkey. October 26-29, 2006, Ankara – Turkey).
54. **Uzbay, I.T.** Rational using principles of antidepressant drugs. *Abstract Book*, p. 22-23. (VIIIth Pharmacy Congress of Turkey. October 26-29, 2006, Ankara – Turkey).
55. **Uzbay, I.T.** New approaches for neurobiology of alcohol dependence. Nitric oxide and agmatine. *Journal of Dependence*, 7(Suppl.): 24-25, 2006. (3. National Congress of Dependence, December 14-17, İstanbul - Turkey).
56. Kayir, H., Göktalay, G., Yildirim, M., **Uzbay, I.T.** Social interaction is weakened in rats which have lower prepulse inhibition. *Abstract Book* p. 105-105. (6th National Biological Psychiatry Congress. September 04-08, 2007, Mersin – Turkey).
57. Yavuz, O., Kayir, H., Yılmaz, İ., Ulusoy, G., Çakır, G., **Uzbay, I.T.** Determination of the

neurobehavioral changes induced by dermally-applied alphacypermethrin during 28 days in rats. *Abstract Book*, p. 39. (Second National Veterinary Pharmacology and Toxicology Congress. September 06-08, 2007, Samsun).

58. Yavuz, O., Kayir, H., Yılmaz, İ., Ulusoy, G., Çakır, G., Macit, E., **Uzbay, I.T.** Determination of the subchronic toxicity and neurobehavioral changes induced by orally-applied alphacypermethrin during 90 days in rats. *Abstract Book*, p. 125. (Second National Veterinary Pharmacology and Toxicology Congress. September 06-08, 2007, Samsun).
59. **Uzbay, I.T.** How should citations be evaluated in determining of scientific quality? *Symposium Book*, p. 129-131. (5th National Symposium of Periodical Publication in Health Sciences. October 19, 2007, Ankara – Turkey).
60. **Uzbay, I.T.** Neurobiological basis of addiction. *Abstract Book*, p. 14-25. (19th National Congress of Pharmacology, October 24-27, 2007, Trabzon – Turkey).
61. Bilge, S.S., Bozkurt, A., İlkaya, F., Ciftcioglu, E., Celik, S., **Uzbay, I.T.** Investigation of analgesic action mechanisms of tianeptine in visceral pain. *Abstract Book*, p. 222. (19th National Congress of Pharmacology, October 24-27, 2007, Trabzon – Turkey).
62. Alkanat, M., Baytan, S.H., Okuyan, M., Erdogmus, E., Ekinci, M., Akgun, A., **Uzbay, I.T.** Anxiety eliciting effects of simvastatine in rats. *Abstract Book*, p. 225. (19th National Congress of Pharmacology, October 24-27, 2007, Trabzon – Turkey).
63. Saglam-Kusdul, E., Ates-Esberk, L., Kayir, H., Celik, T., **Uzbay, T.** Effects of s-citalopram on brain nitric oxide synthase (NOS) activity during alcohol withdrawal syndrome. *Abstract Book*, p. 247. (19th National Congress of Pharmacology, October 24-27, 2007, Trabzon – Turkey).
64. Atalar-Gulcan, E., Kayir, H., **Uzbay, I.T.**, Karakas, S. Comparison of response inhibition measurement by compound stimulation test and reversal training procedures in healthy rats. *Abstract and Programme Book*, p. 102 (Second Biophysics of Brain Workshop with Young Scientist. Brain asymmetry and multidisciplinary approach in cognitive measurements, February 21-23, 2008, İzmir – Turkey).
65. **Uzbay, I.T.** Alternative and complementary medicine: Ethical scopes. *Abstract Book*, p. 46. (9th National Congress of Pharmacy, November 13-16 2008, İstanbul).
66. **Uzbay, I.T.** New Drug development and patent. *Abstract Book*, p. 62. (9th National Congress of Pharmacy, November 13-16 2008, İstanbul).
67. **Uzbay, I.T.** Substance dependence and the role of pharmacist. *Abstract Book*, p. 70. (9th National Congress of Pharmacy, November 13-16 2008, İstanbul).
68. Dursun, İ., Elibol, B., **Uzbay, T.**, Jakubowska-Doğru, E. Animal's gender and age at testing are critical factors in evaluation of fetal ethanol effects on behavior. *Turkish Journal of Neurology 15 (Suppl. 1): 185-186, 2009* (8th National Congress of Neurosciences. Abant İzzet Baysal University, April 18-22, 2009, Bolu – Turkey).
69. **Uzbay, I.T.** Agmatine and similar polyamines in schizophrenia pathogenesis. *Turkish Journal of Neurology 15 (Suppl. 1): 50 -51, 2009* (8th National Congress of Neurosciences. Abant İzzet Baysal University, April 18-22, 2009, Bolu – Turkey).

70. **Uzbay, İ.T.** The role of Agmatine in schizophrenia. Congress Book, p. 27-30 (7th National Congress of Biological Psychiatry. Trakya University, June 02-06, Edirne – Turkey).
71. **Uzbay, İ.T.** Agmatine in schizophrenia. Congress Book, p. 69 (45th National Congress of Psychiatry. October 20-24, Ankara – Turkey).
72. Kurt, A.H., Macit, E., **Uzbay, T.İ.**, Büyükaşar, K. Effects of chronic alcohol consumption on rho-kinase activity in rat brain. *Abstract Book*, p. 307. (20th National Congress of Pharmacology, November 04-07, 2009, Antalya – Turkey).
73. Kayır, H., Göktalay, G., Yavuz, O., Yıldırım, M., **Uzbay, T.İ.** Classified rats according to prepulse inhibition values give different behavioral responses to dopaminergic drugs. *Abstract Book*, p. 309. (20th National Congress of Pharmacology, November 04-07, 2009, Antalya – Turkey).
74. **Uzbay, İ.T.** Effects of psychotropic drugs on human life in the globalized world. A panel on “Multidimensional Effects of Globalization on Human Life”, *Abstract Book*, p. 10 (20th National Congress of Child and Adolescent Psychiatry, April 25-28, 2010, Bodrum, Muğla – Turkey).
75. **Uzbay, İ.T.** An assesment on Science Politics of Turkey. A Panel on “Where is the science going on?” *Abstract Book*, p. 30 (20th National Congress of Child and Adolescent Psychiatry, April 25-28, 2010, Bodrum, Muğla – Turkey).
76. **Uzbay, İ.T.** How the brain is to be dependent? (10th Turkey Pharmacy Congress, 20 September – 03 October 2010, Ankara).
77. Ulusoy, K.G., Bal, B., Kayır, H., **Uzbay, İ.T.** The effects of ketamine in latent inhibition model. *Abstract Book* p. 186 (10th National Neuroscience Congress, April 09-12, 2011, İstanbul University, İstanbul).
78. Oral, S., Kayır, H., Büyükuysal, L., **Uzbay, T.**, Göktalay, G. The behavioral response differences to apomorphine and dizocilpine (MK-801) in the rats grouped by baseline prepulse inhibition values. *Abstract Book* p. 188 (10th National Neuroscience Congress, April 09-12, 2011, İstanbul University, İstanbul).
79. **Uzbay, İ.T.** Serotonergic targets as mediators in depression and anxiety. *Abstract Book* p. 90. (6th National Congress of Anxiety, 12 September 2011, Girne – North Turkish Republic of Cyprus).
80. **Uzbay, İ.T.** Alzheimer and neuroplasticity: New approaches in pharmacotherapy, new targets. *Abstract CD*, p. 57-59. (8th National Symposium of Geropsychiatry, 15 October 2011, İstanbul).
81. Parlakpınar, H., Kayır, H., Ulusoy, G., Akdağ, E., Yarıbaşı, E., Çelik, T., Acet, A., **Uzbay, T.** Beneficial effect of melatonin on pinaeloctemia-induced impairment of prepulse inhibition. *Abstract Book*, p. 78. (21st National Congress of Pharmacology, 19-22 October, 2011, Eskişehir).
82. **Uzbay, İ.T.** New developments in pharmacotherapy of dependence. *Abstract Book*, p. 37-38 (7th National Congress of Alcohol and Substance Dependence, 10 December 2011, Antalya).

83. **Uzbay, İ.T.** From monoamines to polyamines: A new approach to diagnosis and treatment of schizophrenia. 11. National Congress of Neuroscience. Abstract Book, pp. 42-43 (Ege University, Faculty of Medicine -invited conference- April 29 2013, İzmir – Turkey).
84. Dursun, İ., Sağlam, E., **Uzbay, T.** Üsküdar University Neuropsychopharmacology Application and Research Center (NPFUAM). Abstract Book, PP07 (Laboratory Animal Science 3rd National Congress, September 26-28 2013, Kayseri – Turkey).
85. Dursun, İ., **Uzbay, T.** Models on chronic exposition to ethanole during pre-postnatal term in rodents. Abstract Book, SS04 (Laboratory Animal Science 3rd National Congress, September 26-28 2013, Kayseri - Turkey).
86. **Uzbay, T.** Neuroplasticity. Abstract Book, p. 31 (5. DETAE Days, Experimental Research and Their Reflection in Clinics, 11-12 November 2013, Istanbul University, Research Institute of Experimental Medicine, İstanbul, 2013).
87. Yılmaz, İ., Yonguç, G.N., Tosun, S., Kayir, H., **Uzbay, T.** Audiogenic seizures increase hippocampal neuronal loss in alcohol dependent rats. Abstract Book, p. 117 (S-16) (22nd National Congress of Pharmacology, 4-7 Kasım November 2013, Antalya –Turkey, 2013).
88. **Uzbay, T.** Neuroscience: From past to future. Abstract Book, p. 19-20 (6. DETAE Days, An Overview to Disoreder and Health in the 70th Annivesary of DETAE. 24-25 November 2014, Istanbul University, Istanbul, 2014).
89. **Uzbay, T.** Brain and neuroplasticity. Anatomy 9(Suppl.1): S6-S7, 2015 (13th Turkish Neuroscience Congress, Selçuk University, April 30 – May 3 2015, Konya – Turkey; Chair and invited speaker in Symposium 4: “Proprioception – the forgotten sixth sense”).
90. **Uzbay, T.** Factors affecting rational drug use in treatment of neuropsychiatric diseases: A discussion based on socioeconomic, politic and ethics. XXI. Congress of National Social Psychiatry, Çanakkale 18 Mart University. September 10 2015, Çanakkale - Turkey (**invited conference**).
91. **Uzbay, T.** Design and animal models in studies on behavioural neurosciences. 2nd Experimental Design and Prebiostatistic Symposium. İ.Ü. Congress Center, October 5-6 2015, İstanbul (**invited panel speaker**) (*Abstract Book, pp. 15-19, 2015*).
92. **Uzbay, T.** Multireceptor models in increasing efficacy of antidepressant pharmacotherapy. 51. National Congress of Psychiatry. “Panel titled Increasing Antidepressant Efficacy of Pharmacotherapy: From Neurobiology to Clinical Application”. November 26, 2015, Antalya – Turkey (*51. National Congress of Psychiatry – Lecture Abstracts and Presentations CD, p. 22*) (**invited panel speaker**).
93. **Uzbay, T.** Polyamine pharmacology and importance of psychiatry. 51. National Congress of Psychiatry. “Panel titled Importance of Polyamines in Treatments of Mental Disorders in the Light of Current Developments”. November 28, 2015, Antalya - Turkey (*51. National Congress of Psychiatry – Lecture Abstracts and Presentations CD, p. 23*) (**invited panel speaker**).
94. **Uzbay, T.** Yesterday, today and future of neuropsychiatry: New approaches and new developments. 51. National Congress of Psychiatry. November 28, 2015, Antalya - Turkey

(51. National Congress of Psychiatry – Lecture Abstracts and Presentations CD, p. 26)
(invited conference speaker).

- 95. Uzbay, T.** Neurobiology of addiction and chronic mental diseases. 9. Congress of National Alcohol and Substance Dependence “Find Differences between Two Pictures: 5 Similar x 5 Dissimilar (Addiction: Its Similarities and Differences with Chronic Mental Diseases) Panel”. December 12 2015, Edirne - Turkey (*9. Congress of National Alcohol and Substance Dependence Abstracts and Presentation’s CD, p. 35*) **(invited panel speaker).**