

CURRICULUM VITAE

PERSONAL DETAILS:

NAME: I.Tayfun UZBAY

DATE OF BIRTH: June 12, 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

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
2016 (September) -	Üsküdar University, Faculty of Engineering and Natural Science (Dean)

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 Fund (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., Işimer, 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 (\$ 18.000,00).
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 (\$ 1.000,00).

22. **Uzbay, İ.T.**, Gözler, T. (TUBITAK, Scientific and Technical Research Organization of Turkey) (2016-) (Project Number: 116S010) The effect of the combination of alcohol and energy drinks on the threshold of epileptic seizures in rats (\$ 4.340,00).

23. **Öz, P., Uzbay, T.** (TUBITAK, Scientific and Technical Research Organization of Turkey, 117S353) (2017-) The effect of orexinergic system on the impaired sensorymotor gating response and adult neurogenesis in a sleep-deprivation-induced psychosis model (\$ 56.000,00).

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; 2018)
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 Comittee, 2007-)
8. Arzneimittelforschung Drug Research (Reviewer, 2012; 2014)
9. Behavioral Brain Research (Reviewer, 2006; 2009; 2010; 2011)
10. Biochemical Journal (Reviewer, 2017)
11. Biotechnic & Histochemistry (Reviewer, 2012)
12. BMC Neuroscience (Reviewer, 2005; 2011)
13. Brain Research Bulletin (Reviewer, 2009; 2010; 2011; 2012)
14. Bulletin of Clinical Psychopharmacology (Turkish/English) (Associate Editor and Field Editor 2001-2009)
15. Bulletin of Protective Medicine (Turkish), (Advisory board, 2005-)
16. Clinical Nutrition (Reviewer, 2007)
17. Current Alzheimer Research (Reviewer, 2017)
18. Current Neuropharmacology (Reviewer, 2008; 2012)
19. Drug and Alcohol Dependence (Reviewer, 2011)
20. Epilepsy and Behavior (Reviewer, 2007; 2010; 2011; 2012)
21. European Neuropsychopharmacology (Reviewer, 2007; 2008; 2009)
22. Experimental Neurology (Reviewer, 2012)

23. Food and Chemical Toxicology (Reviewer, 2017)
24. Inflammation (Reviewer, 2011)
25. International Journal of Anesthetics and Anesthesiology (Reviewer, 2015)
26. International Journal of Neuropsychopharmacology (Reviewer, 2009a; 2009b)
27. Journal of Addiction (Turkish-English) (Advisory Board)
28. Journal of Clinical Pathology and Forensic Medicine (Reviewer, 2011)
29. Journal of Clinical Psychiatry (Turkish), (Advisory board, 2004-)
30. Journal of Ethnopharmacology (Reviewer, 2007a; 2007b; 2007c; 2007d; 2007e; 2007f; 2007g; 2007h; 2007i; 2007j; 2007k; 2008a; 2008b; 2009a; 2009b, 2010a; 2010b; 2010c; 2014a; 2017)
31. Journal of Neurological Sciences (Reviewer, 2010; 2012; 2014a; 2014b)
32. Journal of Pharmaceutical Sciences (Associate Editor, 2000-2002)
33. Journal of Proteome Research (Reviewer, 2009)
34. Journal of Psychiatric Research (Reviewer, 2013)
35. Journal of Psychopharmacology (Reviewer, 2006; 2009)
36. Letters in Drug Design & Discovery – Online (Reviewer, 2009)
37. Life Sciences (Reviewer, 1999; 2001; 2003)
38. Marmara Pharmaceutical Journal (Advisory board, 2012-)
39. Medicinal Chemistry (Reviewer, 2012)
40. Naunyn-Schmiedeberg Archives of Pharmacology (Reviewer, 2009)
41. Neurological Research (Reviewer, 2015; 2017)
42. Neuropharmacology (Reviewer, 2009; 2011; 2015)
43. Neuropsychiatric Disease and Treatment (Reviewer, 2010)
44. Neuroscience (Reviewer, 2006; 2010a; 2010b)
45. Neuroscience Letters (Reviewer, 2007, 2008)
46. Nitric Oxide: Biology and Chemistry (Reviewer, 2010a; 2010b; 2010c; 2011a; 2011b; 2011c)
47. Pakistan Journal of Pharmaceutical Sciences (Reviewer, 2010a; 2010b)
48. Pathophysiology (Reviewer, 2016)
49. Pharmaceutical Biology (Reviewer, 2009; 2010)
50. Pharmacology Biochemistry and Behavior (Reviewer, 1998; 2000; 2008a; 2008b; 2009a; 2009b; 2011; 2012; 2014a; 2014b; 2016a; 2016b; 2017a)
51. Pharmacological Reports (Reviewer, 2008a; 2008b; 2012)

52. Pharmacological Research (Reviewer, 2007)
53. Physiology Behavior (Reviewer, 2014)
54. Progress in Neuro-psychopharmacology & Biological Psychiatry (Reviewer, 2004; 2006a; 2006b; 2007a; 2007b; 2008a; 2008b; 2009)
55. Psychiatria Danubina (Reviewer, 2011)
56. Psychiatry and Clinical Neurosciences (Reviewer, 2013; 2014; 2105)
57. Psychiatry Investigation (Reviewer, 2017)
58. Psychiatry Research (Reviewer, 2013)
59. RCHP- Reviews, Cases and Hypotheses in Psychiatry (Advisory Board, 2007-)
60. Schizophrenia Research (Reviewer, 2013)
61. Synapse (Reviewer, 2008a; 2008b; 2012)
62. The American Journal of Drug and Alcohol Abuse (Reviewer, 2017)
63. Translational Psychiatry (Reviewer, 2016)
64. Turkish Journal of Forensic Sciences (National Advisory Board, 2006-)
65. Turkish Journal of Medical Sciences (Reviewer, 2016)
66. The Journal of Neurobehavioral Sciences -JNBS- (Advising Editor, 2014-)
67. 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. TUBITAK (The Scientific and Technological Research Council of Turkey) - The Group of Health Sciences Research, Membership of Ethical Committee (2000-2001)
3. TUBITAK (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 (2007-2015)
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-)
8. Turkish Pharmacist Association, Pharmaceutical Academy, President of Scientific Board (2015-)
9. Uskudar University, Dean of Engineering and Natural Science Faculty (2016-)

CITATIONS:

Update, March 01, 2018

WOS: 2171 citation, Impact: 20.10 and H= 24

SCOPUS: 2341 citation, impact: 17.08 and H= 26

GOOGLE SCHOLAR: 3506 citations, impact: 16.69; i10= 85 and H= 33.

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, Istanbul.
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: Agmatinergetic 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.** Agmatine: A new neurotransmitter in the brain. 1st Istanbul – Eurasian Regional Congress of Biological Psychiatry. Istanbul - Turkey, May 30, 2012 (Invited conference) [A summary of presentation was published in *Congress Book*, p. 33-34, 2012]
8. **Uzbay, T.** Neuroelasticity. Cognitif XI, International Cognitive Neuroscience Meeting, May 03 2014, İstanbul – Turkey (Abstract Book, pp. 20-21) (**invited panel speaker**).
9. **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**)
10. **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**).
11. **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**).
12. **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**).

13. **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**).
14. **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**).
15. **Uzbay, T.** Polyamines, agmatine and schizophrenia. Yeditepe University, Department of Genetics and Biotechnology, December 14, 2015 (**Invited seminar speaker**).
16. **Uzbay, T.** A different approach to schizophrenia: Polyamine related mechanisms. 4th International GEN-AREL Molecular Biology and Genetics Student Congress, May 06, 2017, Arel University, Sefaköy – İstanbul (**Invited conference speaker**).
17. **Uzbay, T.** Polyamines, agmatine and schizophrenia. Eastern Mediterranean University, Pharmacy Students Society (EMUPSS) 2nd Annual Congress, May 12, 2017, Farmagusta – North Cyprus (**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., Demirkan, 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., Wallls, 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., Tapanyığıt, E.E., Aynacıoğlu, 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.
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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

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ABSTRACTS

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