

## Prof. FÜRÜZAN YILDIZ AKAR

### Personal Information

**Office Phone:** [+90 303 757 5746](tel:+903037575746) Extension: 4

**Email:** [firuzan@kocaeli.edu.tr](mailto:firuzan@kocaeli.edu.tr)

**Web:** <https://avesis.kocaeli.edu.tr/firuzan>

### International Researcher IDs

ORCID: 0000-0003-0948-3857

Publons / Web Of Science ResearcherID: F-7502-2018

Yoksis Researcher ID: 155942

### Education Information

Doctorate, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1999 - 2002

Postgraduate, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1995 - 1998

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1990 - 1994

### Foreign Languages

English, C1 Advanced

### Dissertations

Expertise In Medicine, Farelerde selektif PDE-2 inhibitörü BAY60-7550, PDE-5 inhibitörü Sildenafil ve PDE-9 inhibitörü

PF-04447943'ün kognitif fonksiyonlar üzerine etkisi, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2016

Postgraduate, Kronik ve akut olarak sigara dumanına maruz bırakılan farelerde lokomotor aktivite ve anksiyete düzeylerinin incelenmesi, Kocaeli University, Spor Bilimleri Fakültesi, Beden Eğitimi ve Spor Eğitimi Bölümü, 2015

Doctorate, Effects of various agonists on esophageal smooth muscle and lower esophageal sphincter strips isolated from experimentally induced diabetic rats, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2012

Postgraduate, The role of nitric oxide in anxiety and depression, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 1998

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology, Medical Pharmacology and Toxicology

### Academic Titles / Tasks

Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2017 - Continues

- I. **Effects of melatonin on ovarian reserve in cigarette smoking: an experimental study**  
Kole E., Ozkan S. O., Eraldemir C., YILDIZ AKAR F., KURNAZ ÖZBEK S., ÇAKIR KÖLE M., Kum T., Filiz P. C.  
ARCHIVES OF MEDICAL SCIENCE, vol.16, no.6, pp.1376-1386, 2020 (SCI-Expanded)
- II. **Effects of Asenapine and Paliperidone on Depression, Anxiety and Analgesy in Mice: Alterations in Brain Neurotrophic Factors, Neurogenesis, and Blood Enzyme Levels**  
Gümüslü K. E., Mutlu O., Köktürk S., Ulak G., Eraldemir F. C., Tatar O. C., Yaşar A. B., Tanyeri P., Akar F., Erden B. F.  
CHINESE JOURNAL OF PHYSIOLOGY, vol.61, no.5, pp.280-292, 2018 (SCI-Expanded)
- III. **Effects of long-term treatment with haloperidol, clozapine and aripiprazole on mice isolated vas deferens**  
Tanyeri M. H., Buyukokuroglu M. E., Tanyeri P., Mutlu O., Akar F., Ulak G., Erden B. F.  
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.49, pp.1561-1567, 2017 (SCI-Expanded)
- IV. **Effects of Acute Administration of Adipokinetic Hormone on Depression, Anxiety, Pain, Locomotion and Memory in Mice**  
MUTLU O., ULAK G., Akar F., Erden F., Celikyurt I. K., Bektas E., Tanyeri P., Kaya H.  
CHINESE JOURNAL OF PHYSIOLOGY, vol.60, no.2, pp.106-113, 2017 (SCI-Expanded)
- V. **Exenatide enhances cognitive performance and upregulates neurotrophic factor gene expression levels in diabetic mice**  
Gumuslu E., Mutlu O., Celikyurt I. K., Ulak G., Akar F., Erden F., Ertan M.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.30, pp.376-384, 2016 (SCI-Expanded)
- VI. **Tianeptine, olanzapine and fluoxetine show similar restoring effects on stress induced molecular changes in mice brain: An FT-IR study**  
Turker-Kaya S., Mutlu O., Celikyurt I. K., Akar F., Ulak G.  
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.161, pp.178-185, 2016 (SCI-Expanded)
- VII. **Effects of chronic administration of adipokinetic and hypertrehalosemic hormone on animal behavior, BDNF, and CREB expression in the hippocampus and neurogenesis in mice**  
MUTLU O., Gumuslu E., Kokturk S., ULAK G., Akar F., Erden F., KAYA H., Tanyeri P.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.30, no.1, pp.4-13, 2016 (SCI-Expanded)
- VIII. **Effects of a dragonfly (Anax i.) homeopathic remedy on learning, memory and cell morphology in mice**  
Mutlu O., Ulak G., Kokturk S., Celikyurt I. K., Tanyeri P., Akar F., Erden F.  
HOMEOPATHY, vol.105, pp.96-101, 2016 (SCI-Expanded)
- IX. **Effects of ziprasidone, SCH23390 and SB277011 on spatial memory in the Morris water maze test in naive and MK-801 treated mice**  
Tanyeri,Tanyeri P., Buyukokuroglu M. E., Mutlu O., Ulak G., Akar F., Celikyurt I. K., Erden B. F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.138, pp.142-147, 2015 (SCI-Expanded)
- X. **Effects of homeopathic Anax imperator on behavioural and pain models in mice**  
MUTLU O., ULAK G., Kokturk S., Celikyurt I. K., Akar F., Erden F.  
HOMEOPATHY, vol.104, no.1, pp.15-23, 2015 (SCI-Expanded)
- XI. **EFFECTS OF ASENAFINE AND PALIPERIDON ON MK-801-INDUCED MEMORY DETERIORATION IN PASSIVE AVOIDANCE AND ELEVATED PLUS MAZE TESTS IN MICE**  
ULAK G., MUTLU O., AKAR F., Celikyurt K., ERDEN F.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.115, pp.188, 2014 (SCI-Expanded)
- XII. **Sildenafil enhances locomotor activity in young mice and exerts anxiogenic effects in both young and aged mice.**  
DEMİRÇİ D., MUTLU O., Akar F., Komsuoglu Celikyurt I., ULAK G.  
Medical science monitor basic research, vol.20, pp.15-21, 2014 (SCI-Expanded)
- XIII. **Evidence that the anxiolytic-like effects of the beta3 receptor agonist Amibegron involve serotonergic receptor activity**  
Tanyeri P., Buyukokuroglu M. E., Mutlu O., Ulak G., Akar F., Celikyurt I. K., Erden B. F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.110, pp.27-32, 2013 (SCI-Expanded)

- XIV. **The effects of tianeptine, olanzapine and fluoxetine on the cognitive behaviors of unpredictable chronic mild stress-exposed mice**  
Gumuslu E., MUTLU O., Sunnetci D., ULAK G., Celikyurt I., ÇİNE N., Akar F.  
Drug Research, vol.63, no.10, pp.532-539, 2013 (SCI-Expanded)
- XV. **5-HT1 and 5-HT2 receptors are involved in the anxiolytic-like effects of the neuronal NOS inhibitor TRIM in the rat**  
Tanyeri P., MUTLU O., ULAK G., Akar F., Celikyurt I. K., ERDEN B. F.  
Drug Development Research, vol.74, no.4, pp.242-251, 2013 (SCI-Expanded)
- XVI. **Antidepressant-Like Activity of Agomelatine in the Mouse Unpredictable Chronic Mild Stress Model**  
Mutlu O., Gumuslu E., Ulak G., Celikyurt I. K., Akar F., Bektas E., Demirtaş Şahin T., Kir H., Musul M. M., Erden F.  
DRUG DEVELOPMENT RESEARCH, vol.74, pp.203-215, 2013 (SCI-Expanded)
- XVII. **Involvement of serotonin receptor subtypes in the antidepressant-like effect of beta receptor agonist Amibegron (SR 58611A): An experimental study**  
Tanyeri P., Buyukokuroglu M. E., Mutlu O., Ulak G., Akar F., Celikyurt I. K., Erden B. F.  
Pharmacology Biochemistry and Behavior, vol.105, pp.12-16, 2013 (SCI-Expanded)
- XVIII. **Lamotrigine, a mood stabilizer, may have beneficial effects on memory acquisition and retrieval in mice**  
Celikyurt I. K., ULAK G., MUTLU O., Akar F., Erden F., Komsuoglu S. S.  
LIFE SCIENCES, vol.91, pp.1270-1274, 2012 (SCI-Expanded)
- XIX. **Effects of fluoxetine, tianeptine and olanzapine on unpredictable chronic mild stress-induced depression-like behavior in mice**  
MUTLU O., GUMUSLU E., ULAK G., CELIKYURT I. K., Kokturk S., KIR H., AKAR F., Erden F.  
Life Sciences, vol.91, pp.1252-1262, 2012 (SCI-Expanded)
- XX. **Lamotrigine effects sensorimotor gating in WAG/Rij rats**  
Celikyurt I. K., ULAK G., MUTLU O., Akar F., Erden F., Komsuoglu S. S.  
Journal of Neurosciences in Rural Practice, vol.3, no.2, pp.126-130, 2012 (SCI-Expanded)
- XXI. **Positive impact of levetiracetam on emotional learning and memory in naive mice**  
CELIKYURT I. K., ULAK G., MUTLU O., AKAR F., MÜLAYİM S., ERDEN F., KOMSUOĞLU S. S.  
LIFE SCIENCES, vol.90, pp.185-189, 2012 (SCI-Expanded)
- XXII. **Effects of Olanzapine and Clozapine on Radial Maze Performance in Naive and MK-801-Treated Mice**  
MUTLU O., Celikyurt I. K., ULAK G., TANYERİ P., Akar F., Erden F.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.62, no.1, pp.4-8, 2012 (SCI-Expanded)
- XXIII. **Effects of olanzapine, sertindole and clozapine on MK-801 induced visual memory deficits in mice**  
MUTLU O., ULAK G., CELIKYURT I. K., AKAR F., Erden F., TANYERİ P.  
Pharmacology Biochemistry and Behavior, vol.99, no.4, pp.557-565, 2011 (SCI-Expanded)
- XXIV. **Effects of olanzapine and clozapine on memory acquisition, consolidation and retrieval in mice using the elevated plus maze test**  
MUTLU O., ULAK G., Celikyurt I. K., TANYERİ P., Akar F., Erden F.  
NEUROSCIENCE LETTERS, vol.501, no.3, pp.143-147, 2011 (SCI-Expanded)
- XXV. **Effects of olanzapine, sertindole and clozapine on learning and memory in the Morris water maze test in naive and MK-801-treated mice**  
MUTLU O., ULAK G., CELIKYURT I. K., AKAR F., Erden F.  
Pharmacology Biochemistry and Behavior, vol.98, no.3, pp.398-404, 2011 (SCI-Expanded)
- XXVI. **Gabapentin, A GABA analogue, enhances cognitive performance in mice**  
Celikyurt I. K., MUTLU O., ULAK G., Akar F., Erden F.  
NEUROSCIENCE LETTERS, vol.492, no.2, pp.124-128, 2011 (SCI-Expanded)
- XXVII. **Effects of citalopram on cognitive performance in passive avoidance, elevated plus-maze and three-panel runway tasks in naïve rats.**  
Mutlu O., Ulak G., Celikyurt I., Akar F., Erden F.  
The Chinese journal of physiology, vol.54, pp.36-46, 2011 (SCI-Expanded)
- XXVIII. **Effects of risperidone on learning and memory in naive and MK-801-treated rats.**

- Celikyurt I, AKAR F, ULAK G., MUTLU O., ERDEN F.  
Pharmacology, vol.87, pp.187-94, 2011 (SCI-Expanded)
- XXIX. **Involvement of serotonin receptor subtypes in the antidepressant-like effect of trim in the rat forced swimming test**  
Ulak G., Mutlu O., Tanyeri P., Komsuoglu F. İ., Akar F., Erden B. F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.95, no.3, pp.308-314, 2010 (SCI-Expanded)
- XXX. **Effects of diabetes and elevated glucose on nitroergic relaxations in the isolated duodenum of the rat**  
Utkan T., Yıldız F., Utkan N. Z., Gacar N., Göçmez S. S., Ulak G., Erden F., Sarioglu Y.  
ACTA DIABETOLOGICA, vol.46, pp.295-301, 2009 (SCI-Expanded)
- XXXI. **Prevalence and Risk Factors of Allergies in Turkey (PARFAIT): results of a multicentre cross-sectional study in adults**  
Kurt E., Metintas S., Basyigit İ., Bulut I., Coskun E., Dabak S., Deveci F., Fidan F., Kaynar H., Uzaslan E. K., et al.  
EUROPEAN RESPIRATORY JOURNAL, vol.33, no.4, pp.724-733, 2009 (SCI-Expanded)
- XXXII. **Effects of L-arginine on 7-nitroindazole-induced reference and working memory performance of rats.**  
Yildiz A., Celikyurt I., ULAK G., MUTLU O.  
Pharmacology, vol.84, pp.211-8, 2009 (SCI-Expanded)
- XXXIII. **Neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole augment the effects of antidepressants acting via serotonergic system in the forced swimming test in rats**  
Ulak G., Mutlu O., Akar F., Komsuoglu F. İ., Tanyeri P., Erden B. F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.90, no.4, pp.563-568, 2008 (SCI-Expanded)
- XXXIV. **5-HT<sub>1</sub> and 5-HT<sub>2</sub> receptors are involved in the anxiolytic-like effects of TRIM in the rat**  
Tanyeri P., MUTLU O., Akar F., Erden F., ULAK G.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.22, pp.66, 2008 (SCI-Expanded)
- XXXV. **7-Nitroindazole, a neuronal nitric oxide synthase inhibitor, impairs passive-avoidance and elevated plus-maze memory performance in rats**  
YILDIZ AKAR F., ULAK G., TANYERİ P., Erden F., UTKAN T., GACAR N.  
Pharmacology Biochemistry and Behavior, vol.87, no.4, pp.434-443, 2007 (SCI-Expanded)
- XXXVI. **Effect of chronic renal failure on foregut smooth muscle reactivity: an experimental study**  
Yildiz F., Tugay M., Utkan T., Yazir Y.  
JOURNAL OF PEDIATRIC SURGERY, vol.42, pp.647-652, 2007 (SCI-Expanded)
- XXXVII. **Esophageal smooth muscle reactivity is impaired in chronic reflux esophagitis by both receptor- and nonreceptor-mediated mechanisms**  
Tuğtepe H., Tugay M., Bozkurt S., Yildiz F., Utkan T., Yegen B. C., Dagli T. E.  
JOURNAL OF PEDIATRIC SURGERY, vol.42, pp.641-646, 2007 (SCI-Expanded)
- XXXVIII. **Chronic administration of fluoxetine or venlafaxine induces memory deterioration in an inhibitory avoidance task in rats**  
Ulak G., Göçmez S. S., Erden B. F., Tanyeri P., Utkan T., Yildiz F., Mutlu O., Gacar M. N.  
DRUG DEVELOPMENT RESEARCH, vol.67, pp.456-461, 2006 (SCI-Expanded)
- XXXIX. **Effect of dextromethorphan on reference memory assessed in rats by a three-panel runway task.**  
Gocmez S. S., Erden B. F., Ulak G., Utkan T., Yildiz F., Gacar N., Mutlu O.  
Arzneimittel-Forschung, vol.56, no.4, pp.276-81, 2006 (SCI-Expanded)
- XL. **Different bronchodilator combinations have similar effects on health status in COPD**  
Yildiz F., Basyigit İ., Yildirim E., Boyaci H., Ilgazli A.  
PULMONARY PHARMACOLOGY & THERAPEUTICS, vol.19, no.2, pp.101-106, 2006 (SCI-Expanded)
- XLI. **Does addition of inhaled steroid to combined bronchodilator therapy affect health status in patients with COPD?**  
Yildiz F., Basyigit İ., Yildirim E., Boyaci H., Ilgazli A.  
RESPIROLOGY, vol.9, no.3, pp.352-355, 2004 (SCI-Expanded)
- XLII. **Impaired gastric motility in the gastroesophageal reflux rat model: An in vitro study**  
Tugay M., Yıldız F., Utkan Z., Utkan T., Sarioglu Y.

- JOURNAL OF SURGICAL RESEARCH, vol.115, pp.272-278, 2003 (SCI-Expanded)
- XLIII. **Development changes esophageal smooth muscle reactivity: An in vitro study**  
Tugay M., Yildiz F., Güvenç B. H.  
Pharmacological Research, vol.48, no.5, pp.473-478, 2003 (SCI-Expanded)
- XLIV. **Esophagitis impairs esophageal smooth muscle reactivity in the rat model: An in vitro study**  
Tugay M., Yildiz Akar F., Utkan T., Müezzinoğlu B., Erden B. F., Gacar M. N., Ulak G.  
DIGESTIVE DISEASES AND SCIENCES, vol.48, pp.2147-2152, 2003 (SCI-Expanded)
- XLV. **Age-related smooth muscle reactivity changes in the rat bladder: an in vitro study**  
Tugay M., Yildiz F., Utkan T., Gacar N., Ulak G., Erden F.  
PHARMACOLOGICAL RESEARCH, vol.48, pp.329-334, 2003 (SCI-Expanded)
- XLVI. **Gastric smooth muscle contractility changes in the esophageal atresia rat model: An in vitro study**  
Tugay M., Yildiz F., Utkan T., Sarioğlu Y., Gacar N.  
JOURNAL OF PEDIATRIC SURGERY, vol.38, pp.1366-1370, 2003 (SCI-Expanded)
- XLVII. **Aging impairs nitric oxide-mediated relaxant responses of rabbit corporal smooth muscle**  
Utkan T., Yıldırım Ş., Sarioğlu Y., Yildiz F., Yıldırım K.  
NITRIC OXIDE-BIOLOGY AND CHEMISTRY, vol.6, pp.342-346, 2002 (SCI-Expanded)
- XLVIII. **Impaired esophageal reactivity in adriamycin-induced rat esophageal atresia: An in vitro study**  
Tugay M., Yildiz F., Utkan T., Ulak G., Gacar N., Erden F.  
JOURNAL OF PEDIATRIC SURGERY, vol.36, pp.1569-1573, 2001 (SCI-Expanded)
- XLIX. **Impaired neurogenic and endothelium-dependent relaxant responses of corpus cavernosum smooth muscle from hyperthyroid rabbits**  
Özdemirci S., Yildiz F., Utkan T., Ulak G., Çetinaslan B., Erden F., Gacar N.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.428, pp.105-111, 2001 (SCI-Expanded)
- L. **Chronic ethanol consumption impairs adrenoceptor- and purinoceptor-mediated relaxations of isolated rat detrusor smooth muscle**  
Utkan T., Erden F., Yildiz F., Özdemirci S., Ulak G., Gacar M. N.  
BJU INTERNATIONAL, vol.88, pp.278-283, 2001 (SCI-Expanded)
- LI. **Blood pressure and vascular reactivity to endothelin-1, phenylephrine, serotonin, KCl and acetylcholine following chronic alcohol consumption in vitro**  
Utkan T., Yildiz F., Ilbay G., Ozdemirci S., Erden B. F., Gacar N., Ulak G.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.15, no.3, pp.157-165, 2001 (SCI-Expanded)
- LII. **Antidepressant, anxiogenic, and antinociceptive properties of levofloxacin in rats and mice**  
Erden B. F., Ulak G., Yildiz F., Utkan T., Özdemirci S., Gacar N.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.68, pp.435-441, 2001 (SCI-Expanded)
- LIII. **Antidepressant-like effect of 7-nitroindazole in the forced swimming test in rats**  
Yildiz F., Erden B. F., Ulak G., Utkan T., Gacar N.  
PSYCHOPHARMACOLOGY, vol.149, pp.41-44, 2000 (SCI-Expanded)
- LIV. **Anxiolytic-like effects of 7-nitroindazole in the rat plus-maze test**  
Yildiz F., Ulak G., Erden B. F., Gacar N.  
Pharmacology Biochemistry and Behavior, vol.65, pp.199-202, 2000 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Chronic Effects of Ziprasidone, Aripiprazole, Blonanserin, Cyamemazine, and Nemonapride on Mice Isolated Detrusor Smooth Muscle**  
Tanyeri M. H., Büyükkuroğlu M. E., Tanyeri P., K. Kaya R., Başarır Bozkurt Ş., Mutlu O., Yıldız Akar F., Erden B. F., Ulak G.  
Online Türk Sağlık Bilimleri Dergisi, vol.6, no.4, pp.210-220, 2021 (Peer-Reviewed Journal)
- II. **Effects of Cyamemazine, Blonanserin and Nemonapride on Mice Isolated Vas Deferens Contractility**  
Tanyeri M. H., Büyükkuroğlu M. E., Tanyeri P., K. Kaya R., Başarır Ş., Mutlu O., Yıldız Akar F., Erden B. F., Ulak G.

Sakarya Tıp Dergisi, vol.11, no.4, pp.933-939, 2021 (Peer-Reviewed Journal)

- III. **Effects of Pyroglutamyl Peptides on Depression, Anxiety and Analgesia in Mice**  
Mutlu O., Tanyeri P., Uygun İ., Başarır Ş. N., Yıldız Akar F., Çelebi G., Büyükokuroğlu M. E., Erden B. F., Vales K.  
INTERNATIONAL JOURNAL OF MEDICAL RESEARCH AND HEALTH SCIENCES, vol.10, no.5, pp.56-62, 2021 (ESCI)
- IV. **Effects of Haloperidol, Asenapine and Paliperidone on MK-801-Induced Memory Deterioration in Morris Water Maze and Radial Arm Maze Tests in Mice**  
MUTLU O., Kara M. Y., Tanyeri P., Akar F., ULAK G., Erden F.  
INTERNATIONAL JOURNAL OF MEDICAL RESEARCH & HEALTH SCIENCES, vol.8, no.7, pp.111-121, 2019 (ESCI)
- V. **Desipramin, venlafaksin ve bupropionun farelerdeki depresyon ve anksiyete üzerine etkilerinin zorunlu yüzme testi ve yükseltilmiş artı labirent testi ile değerlendirilmesi**  
Tanyeri M. H., Büyükokuroğlu M. E., Tanyeri P., Mutlu O., Yıldız Akar F., Ulak G., Erden B. F.  
Sakarya Medical Journal, vol.8, pp.820-829, 2018 (Peer-Reviewed Journal)
- VI. **Evaluation of The Effects of Desipramine, Venlafaxine And Bupropion on Depression and Anxiety in Mice By Forced Swimming Test and Elevated Plus Maze Test.**  
Tanyeri M. H., Büyükokuroğlu M. E., Tanyeri P., Mutlu O., Ulak G., Yıldız Akar F., Erden B. F.  
Sakarya Med J, vol.8, pp.820-829, 2018 (Peer-Reviewed Journal)
- VII. **Effects of adipokinetic hormone/red pigment concentrating hormone (AKH/RPCH) family of peptides on uterine contraction**  
Mutlu O., Tanyeri P., Akdemir N., Büyükokuroğlu M. E., Yıldız Akar F., Ulak G., Erden B. F.  
International Journal of Medical Research Health Sciences 2018,, vol.7, pp.32-36, 2018 (ESCI)
- VIII. **The influence of atypic antipsychotic drugs on vas deferens in mice.**  
Tanyeri M. H., Büyükokuroğlu M. E., Tanyeri P., Mutlu O., Yıldız Akar F., Ulak G., Erden B. F.  
International Journal of Medical Research Health Sciences, vol.7, pp.1-7, 2018 (ESCI)
- IX. **The Influence of Atypical Antipsychotic Drugs on Vas Deferens in Mice**  
Tanyeri M. H., Büyükokuroğlu M. E., Tanyeri P., Mutlu O., Akar F., Ulak G., Erden B. F.  
INTERNATIONAL JOURNAL OF MEDICAL RESEARCH & HEALTH SCIENCES, vol.7, pp.32-38, 2018 (Peer-Reviewed Journal)
- X. **Superior effects of quetiapine compared with aripiprazole and iloperidone on MK-801-induced olfactory memory impairment in female mice**  
Mutlu A., Mutlu O., Ulak G., Akar F., Kaya H., Erden B. F., Tanyeri P.  
BIOMEDICAL REPORTS, vol.6, pp.567-570, 2017 (ESCI)
- XI. **The Effects of Smoking on the Prostates of Rats which are Exposed to Cigarette Smoke**  
TANYERİ M. H., ACAR O., Tanyeri P., MUTLU O., AKAR F., YILDIZ K., GOKALP A.  
INTERNATIONAL JOURNAL OF MEDICAL RESEARCH & HEALTH SCIENCES, vol.6, no.10, pp.130-142, 2017 (ESCI)
- XII. **7-NI and ODQ Disturbs Memory in the Elevated Plus Maze, Morris Water Maze, and Radial Arm Maze Tests in Mice.**  
Mutlu O., Akar F., Celikyurt I., Tanyeri P., Ulak G., Erden F.  
Drug target insights, vol.9, pp.1-8, 2015 (Scopus)
- XIII. **Effects of Rolipram and Zaprinas on Learning and Memory in the Morris Water Maze and Radial Arm Maze Tests in Naive Mice**  
Akar F., MUTLU O., Celikyurt I. K., ULAK G., Erden F., Bektas E., Tanyeri P.  
DRUG RESEARCH, vol.65, no.2, pp.86-90, 2015 (ESCI)
- XIV. **Exenatide treatment exerts anxiolytic- and antidepressant-like effects and reverses neuropathy in a mouse model of type-2 diabetes.**  
Komsuoglu Celikyurt I., MUTLU O., ULAK G., Uyar E., Bektaş E., YILDIZ AKAR F., Erden F., Tarkun I.  
Medical science monitor basic research, vol.20, pp.112-7, 2014 (Scopus)
- XV. **Zaprinas and rolipram enhances spatial and emotional memory in the elevated plus maze and passive avoidance tests and diminishes exploratory activity in naive mice.**  
Akar F., MUTLU O., Komsuoglu Celikyurt I., ULAK G., Erden F., BEKTAŞ E., TANYERİ P.  
Medical science monitor basic research, vol.20, pp.105-11, 2014 (Scopus)
- XVI. **Effects of zaprinast and rolipram on olfactory and visual memory in the social transmission of food**

**preference and novel object recognition tests in mice.**

AKAR F., MUTLU O., Celikyurt I., BEKTAS E., TANYERI M., ULAK G., TANYERI P., ERDEN F.  
Drug target insights, vol.8, pp.23-9, 2014 (Scopus)

**XVII. Effects of 7-NI and ODQ on memory in the passive avoidance, novel object recognition, and social transmission of food preference tests in mice.**

Akar F., Mutlu O., Komsuoğlu Celikyurt I., Bektas E., Tanyeri P., Ulak G., Erden F.  
Medical science monitor basic research, vol.20, pp.27-35, 2014 (Scopus)

**XVIII. The Antidepressant Agomelatine Improves Memory Deterioration and Upregulates CREB and BDNF Gene Expression Levels in Unpredictable Chronic Mild Stress (UCMS)-Exposed Mice.**

GUMUSLU E., MUTLU O., SUNNETCI D., ULAK G., Celikyurt I., CINE N., AKAR F., SAVLI H., ERDEN F.  
Drug target insights, vol.8, pp.11-21, 2014 (Scopus)

**XIX. Effects of zaprinast and rolipram on olfactory and visual memory in the social transmission of food preference and novel object recognition tests in mice 8 23 9 2014**

Yıldız Akar F., Mutlu O., Komsuoğlu Çelikyurt F. İ., Bektaş E., Mehmet Hanifi T., Ulak G., Erden B. F., Tanyeri P.  
Drug Target Insights, vol.8, pp.23-29, 2014 (Scopus)

## **Books & Book Chapters**

**I. Chapter 7: New Approaches for the Therapy of Treatment Refractory Depression**

Mutlu O., Ulak G., Komsuoğlu Çelikyurt F. İ., Yıldız Akar F., Erden B. F.  
in: Psychology selected papers, Gina Rossi, Editor, InTech Europe, New York, pp.107-128, 2012

**II. New Approaches for the Therapy of Treatment Refractory Depression**

Mutlu O., Ulak G., Komsuoğlu Çelikyurt F. İ., Yıldız Akar F., Erden B. F.  
in: Psychology, Gina Rossi, Editor, InTech Europe, www.intechopen.com, InTech open science/open minds, New York, pp.107-128, 2012

**III. Konu 27: Astımın Farmakoterapisi**

YILDIZ AKAR F.  
in: The Pharmacological Basis of THERAPEUTICS Tedavinin Farmakolojik Temeli, Prof. Dr. Öner Süzer, Editor, Nobel Yayınevi, pp.717-736, 2009

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Ultra-strong coupling in the hybrid quantum system consisting of planar MW resonator and YIG material**

Maksutoğlu M., Ghirri A., Bonizzoni C., Çınar K., Yorulmaz S., Yıldız F., Affronte M., Rameev B.  
Quantum 2.0, QUANTUM 2022, Massachusetts, United States Of America, 13 - 16 June 2022

**II. SİĞARA İÇEN OLGULARDA MELATONİNİN OVERREZERVİ ÜZERİNE ETKİLERİ: DENEYSEL ÇALIŞMA**

KURNAZ ÖZBEK S., ERALDEMİR F. C., KUM T., YILDIZ AKAR F., KOLE E., Kole M., COŞTUR FİLİZ P., ÖZDEMİR ÖZKAN S.

VII. ÜREME TIBBİ ve CERRAHİSİ DERNEĞİ KONGRESİ, Antalya, Turkey, 3 - 06 October 2019

**III. Different effects of adipokinetic hormone/red pigment-concentrating hormone family of peptides in posttraumatic stress disorder model of rats.**

MUTLU O., CERİT C., Pinterova N., Horacek J., YILDIZ AKAR F., Palanicek T., Hölsch C., Vales K.  
31th ECNP Congress, Barcelona, Spain, 6 - 09 October 2018

**IV. Effects of asenapine and paliperidone on cognition and locomotion: altered gen expression levels of BDNF and CREB in the hippocampus of mice**

Gumuslu E., MUTLU O., ULAK G., Akar F., Erden F.  
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.367-368

- V. **Effects of asenapine and paliperidon on depression, anxiety and analgesy in mice: Alterations in brain neurotrophic factors, neurogenesis and blood enzyme levels.**  
ULAK G., GÜMÜŞLÜ K. E., MUTLU O., KÖKTÜRK S., YILDIZ AKAR F., ERDEN B. F.  
18th World Congress of Basic and Clinical Pharmacology, Kyoto, Japan, 1 - 06 July 2018
- VI. **Effects of adipokinetic hormone/red pigment concentrating hormone (AKH/RPCH) family of peptides for uterus contraction.**  
ULAK G., MUTLU O., TANYERİ P., AKDEMİR N., BÜYÜKOKUROĞLU M. E., YILDIZ AKAR F., ERDEN B. F.  
18th World Congress of Basic and Clinical Pharmacology, Kyoto, Japan, 1 - 06 July 2018
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TANYERİ h., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
10th International Congress on Psychopharmacology 6th International Symposium on Child and Adolescent Psychopharmacology, 25 - 29 April 2018
- VIII. **Chronic effects of second-generation antipsychotics on mice isolated detrusor smooth muscle.**  
Tanyeri M. H., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
10th International Congress on Psychopharmacology 6th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 25 - 29 April 2018, pp.38-39
- IX. **SELEKTİF PDE-2, PDE-5 VE PDE-9 İNHİBİTÖRLERİNİN YİYECEK TERCİHİNİN SOSYAL GEÇİŞİ TESTİNDE KOKU BELLEĞİ ÜZERİNE VE PASİF SAKINMA TESTİNDE EMOSYONEL BELLEK ÜZERİNE ETKİLERİ.**  
YILDIZ AKAR F., ERDEN B. F., BEKTAŞ E., MUTLU O., ULAK G.  
Ulusal Farmakoloji Kongresi. 17-20 Ekim 2017, Turkey, 17 - 20 October 2017, vol.10
- X. **Effects of long-term treatment with risperidone and clozapine on mice isolated detrusor smooth muscle**  
Tanyeri M. H., Buyukokuroglu M. E., Tanyeri P., Mutlu O., Akar F., Ulak G., Erden B. F.  
30th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Paris, France, 2 - 05 September 2017, vol.27
- XI. **Deniz Demirci, Emre Dilbaz, Fürüzan Akar. Locomotor activity and anxiety changes with acute and chronic exposure to cigarette smoke in mice.**  
DEMİRCİ D., Dilbaz E., YILDIZ AKAR F.  
3rd International Conference on Lifelong Learning and Leadership for all. ICLEL, Porto, Portugal, 12 - 14 September 2017
- XII. **Effects of selective PDE-2 inhibitor BAY60-7550 and PDE-9 inhibitor PF-04447943 on olfactory memory in Social Transmission of Food Preference (STFP) test naive mice.**  
YILDIZ AKAR F., BEKTAŞ E., MUTLU O., ULAK G., ERDEN B. F.  
8th World Congress on Pharmacology and Toxicology, 24 - 25 July 2017
- XIII. **Effects of selective PDE-2 inhibitor BAY60-7550, PDE-5 inhibitor Sildenafil and PDE-9 inhibitor PF-04447943 on learning and memory in the passive avoidance test in naive mice.**  
ULAK G., BEKTAŞ E., YILDIZ AKAR F., MUTLU O., ERDEN B. F.  
8th World Congress on Pharmacology and Toxicology, 24 - 25 July 2017
- XIV. **Effects of asenapine and paliperidon on cognition, locomotion: Altered gen expression levels of BDNF and CREB in the hippocampus of mice.**  
GÜMÜŞLÜ K. E., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F., TANYERİ P.  
European Human Genetics Conference 2017, 27 - 30 May 2017
- XV. **Isoproterenol-mediated relaxation of carbachol precontracted mouse detrusor smooth muscle**  
tanyeri m. h., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
4th Baltic Meeting in conjunction with the EAU, Vilnius, Lithuania, 26 - 27 May 2017
- XVI. **Isoproterenol-mediated relaxation of carbachol-pre-contracted mouse detrusor smooth muscle.**  
TANYERİ M. H., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
4th Baltic Meeting in conjunction with the EAU, 26 - 27 May 2017
- XVII. **Chronic effect of atypical antipsychotic drug blonanserine on vas deferens contraction in mice.**  
TANYERİ M. H., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.



4th Baltic Meeting in conjunction with the EAU, 26 - 27 May 2017

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The International College of Neuropsychopharmacology 2016 World Congress, 03 July 2016
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7th European Congress of Pharmacology (EPHAR), 26 - 30 June 2016
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ULAK G., GUMUSLU E., MUTLU O., ERTAN M., Celikyurt I. K., AKAR F., ERDEN F.  
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30th Seoul World Congress of the International-College-of-Neuropsychopharmacology (CINP), Seoul, South Korea, 3 - 07 July 2016, vol.19, pp.212-213
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.8th International Congress on Psychopharmacology, Antalya, Turkey, 20 - 24 April 2016
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23.ULUSAL FARMAKOLOJİ KONGRESİ, Turkey, 7 - 10 September 2015

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EBBS-EBPS European beh pharm soc, 12 - 15 September 2015
- XLVI. **Quetiapine and aripiprazole upregulate FGF2 Synapsin and NGF expression in the hippocampus of naive mice**  
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- LIII. **Effects of adipokinetic hormones on neurogenesis and neurodegeneration**  
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- LIV. **Effects of antipsychotic drugs asenapine paliperidon quetiapine and aripiprazole on pain and locomotion in mice Amsterdam**  
MUTLU O., UYAR E., ULAK G., KOMSUOĞLU ÇELİKİYURT F. İ., YILDIZ AKAR F., ERDEN B. F., HÜSEYNOVA L., TANYERİ P.  
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28th ECNP Congress, Amsterdam, Netherlands, 29 August - 01 September 2015
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ECNP, Netherlands, 29 August - 01 September 2015, vol.25, pp.284-285

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ERALDEMİR F. C., AYSUN Ş., ÖZKAN M., MARAL KIR H., YILDIZ AKAR F.  
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27th ECNP Congress, Berlin, Germany, 18 - 21 October 2014, vol.24
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17th World Congress of Basic & Clinical Pharmacology, Cape-Town, South Africa, 13 - 18 July 2014, pp.1257
- LXVII. The effects of smoking on the prostates of rats which are exposed to cigarette smoke**  
Tanyeri H., Acar O., TANYERİ P., YILDIZ AKAR F., YILDIZ D. K., Gökalp A.  
17th World Congress of Basic & Clinical Pharmacology, Cape-Town, South Africa, 13 - 18 July 2014, pp.1285
- LXVIII. Effects of asenapine and paliperidone on MK 801 induced memory deterioration in radial arm maze in mice**  
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9th FENS Forum of Neuroscience, Milan, Italy, 5 - 09 July 2014

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22. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2013
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29. Türk Kardiyoloji Kongresi, Antalya, Turkey, 26 - 29 October 2013
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46. Drug Information Association, Boston, Boston, United States Of America, 13 - 17 June 2013
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MUTLU O., ULAK G., Gumuslu E., Celikyurt I., Akar F., Bektas E., Demirtas T., Kir H., Musul M., Erden F.  
6th European Congress of Pharmacology, Granada, Nicaragua, 17 - 20 July 2012, pp.243-246
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Gemicioglu B., Mungan D., Ogus C., Erkekol O. F., Dursun B., Saka D., Yorgancioglu A., Topcu F., Bogatekin G., Devenci F., et al.  
31st Congress of the European-Academy-of-Allergy-and-Clinical-Immunology (EAACI), Geneva, Switzerland, 16 - 20 June 2012, vol.67, pp.623
- LXXIV. **The antidepressant agomelatine improves unpredictable chronic mild stress UCMS induced memory deterioration in mice**  
ULAK G., MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., YILDIZ AKAR F., ERDEN B. F.  
European Neuropsychopharmacology, 25th ECNP Congress, Viyana, Austria, 13 - 17 October 2012, vol.22, pp.182
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KOMSUOĞLU ÇELİK YURT F. İ., MUTLU O., ULAK G., YILDIZ AKAR F., BEKTAŞ E., DEMİRTAŞ ŞAHİN T., ERDEN B. F.  
25TH ECNP Congress, Viyana, Austria, 13 - 17 October 2012
- LXXVI. **Effects of haloperidol on memory in naive and MK-801-injected mice in passive avoidance and elevated plus maze tests**  
Celikyurt I. K., MUTLU O., ULAK G., AKAR F., BEKTAS E., DEMİRTAS T., TANYERİ P., ERDEN F.  
25th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Austria, 13 - 17 October 2012, vol.22
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25th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Austria, 13 - 17 October 2012, vol.22
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6th European Congress of Pharmacology, 17 - 20 July 2012
- LXXIX. **Effects of homeopathic remedy dragonfly anax imperator on depression anxiety analgesia and locomotion in mice**  
MUTLU O., ULAK G., KOMSUOĞLU ÇELİK YURT F. İ., YILDIZ AKAR F., BEKTAŞ E., ERDEN B. F.  
6TH European Congress of Pharmacology, Granada, Spain, 17 - 20 July 2012
- LXXX. **Effects of homeopathic remedy dragonfly anax imperator on learning and memory in Morris water maze and passive avoidance tests in mice**

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6TH European Congress of Pharmacology, Granada, Spain, 17 - 20 July 2012

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6TH European Congress of Pharmacology, Granada, Spain, 17 - 20 July 2012

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21. Ulusal Farmakoloji Kongresi, Eskişehir, Turkey, 19 - 22 October 2011

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MUTLU O., YILDIZ AKAR F., KOMSUDOĞLU ÇELİKİYURT F. İ., ULAK G., ERDEN B. F.

21. Ulusal Farmakoloji Kongresi, Eskişehir, Turkey, 19 - 21 October 2011

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KOMSUDOĞLU ÇELİKİYURT F. İ., MUTLU O., BEKTAŞ E., YILDIZ AKAR F., ULAK G., ERDEN B. F.

21. Ulusal Farmakoloji Kongresi, Eskişehir, Turkey, 19 - 22 October 2011

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MUTLU O., KOMSUDOĞLU ÇELİKİYURT F. İ., YILDIZ AKAR F., ULAK G., ERDEN B. F.

21. Ulusal Farmakoloji Kongresi, Eskişehir, Turkey, 19 - 22 October 2011

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21. Ulusal Farmakoloji Kongresi, Eskişehir, Turkey, 19 - 22 October 2011

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MUTLU O., YILDIZ AKAR F., KOMSUDOĞLU ÇELİKİYURT F. İ., ULAK G., ERDEN B. F.

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24th ECNP Congress The Journal of the European College of Neuropsychopharmacology, Paris, France, 3 - 07 September 2011, pp.254

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The Journal of the European College of Neuropsychopharmacology, 24th ECNP Congress, Paris, France, 3 - 07 September 2011, pp.402

XC. **An atypical antidepressant tianeptine prevents unpredictable chronic mild stress induced depressive effects in mice**

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24th ECNP Congress, Paris, France, 3 - 07 September 2011

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24th ECNP Congress, Paris, France, 3 - 07 September 2011

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24th ECNP Congress, Paris, France, 3 - 07 September 2011

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24th ECNP Congress, Paris, France, 3 - 07 September 2011

- XCIV. The investigation of the molecular effects of zaprinast and ODQ, a guanylate cyclase inhibitor, on rat brain by Fourier transform mid-infrared spectroscopy**  
Turker S., MUTLU O., Komsuoglu I. C., Gumuslu E., Akar F., Erden F., ULAK G.  
24th Congress Meeting of European-College-of-Neuropsychopharmacology, Paris, France, 3 - 07 September 2011, vol.21
- XCIV. Enhancement of cognitive performance by gabapentin in Morris water maze, elevated plus maze and passive avoidance tasks in naive mice**  
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24th Congress Meeting of European-College-of-Neuropsychopharmacology, Paris, France, 3 - 07 September 2011, vol.21
- XCVI. Effects of levetiracetam on cognitive functions in mice**  
Celikyurt I. K., ULAK G., AKAR F., MUTLU O., MÜLAYİM S., ERDEN F.  
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- XCVII. Effects of zaprinast and rolipram on olfactory memory in the social transmission of food preference test in mice European behavioural pharmacological society**  
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- XCVIII. Effects of zaprinast ODQ and 7 NI on locomotion and anxiety in the open field test in mice**  
MUTLU O., YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., ERDEN B. F.  
14TH EBPS Meeting, Amsterdam, Netherlands, 26 - 29 August 2011
- XCIX. Effects of zaprinast rolipram ODQ and 7 NI on exploratory activity in mice**  
MUTLU O., YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., ERDEN B. F.  
14TH EBPS Meeting, Amsterdam, Netherlands, 26 - 29 August 2011
- C. Effects of 7 NI and ODQ on visual memory in the novel object recognition test in mice**  
MUTLU O., YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., ERDEN B. F.  
14TH EBPS Meeting, Amsterdam, Netherlands, 26 - 29 August 2011
- CI. EFFECTS OF ZAPRINAST AND ROLIPRAM ON OLFACTORY MEMORY IN THE SOCIAL TRANSMISSION OF FOOD PREFERENCE TEST IN MICE**  
MUTLU O., AKAR F., Celikyurt I. K., ULAK G., ERDEN F.  
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MUTLU O., ULAK G., Celikyurt I. K., AKAR F., ERDEN F.  
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14th Biennial Meeting of the European-Behavioural-Pharmacology-Society, Amsterdam, Netherlands, 26 - 29 August 2011, vol.22
- CVIII. EFFECTS OF ZAPRINAST ON SPATIAL AND VISUAL MEMORY IN THE ELEVATED PLUS MAZE AND NOVEL OBJECT RECOGNITION TESTS IN MICE**  
MUTLU O., ULAK G., Celikyurt I. K., AKAR F., ERDEN F.  
14th Biennial Meeting of the European-Behavioural-Pharmacology-Society, Amsterdam, Netherlands, 26 - 29 August 2011, vol.22
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10th World Congress of Biological Psychiatry, Prag, Czech Republic, 29 May - 03 June 2011
- CX. Olanzapine prevents unpredictable chronic mild stress induced depressive effects in mice**  
MUTLU O., GÜMÜŞLÜ K. E., KOMSUOĞLU ÇELİKYURT F. İ., ERDEN B. F., YILDIZ AKAR F., ULAK G.  
10th World Congress of Biological Psychiatry, Prag, Czech Republic, 29 May - 03 June 2011
- CXI. A Promising Study to Investigate Mechanism of Action of Tianeptine on UCMS An FTIR Study**  
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10th World Congress of Biological Psychiatry, Prag, Czech Republic, 29 May - 03 June 2011
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10th World Congress of Biological Psychiatry, Prag, Czech Republic, 29 May - 03 June 2011
- CXIV. Lamotrigine ameliorates learning and memory in morris water maze modified elevated plus maze and passive avoidance tests in naive mice**  
KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
10th World Congress of Biological Psychiatry, Prag, Czech Republic, 29 May - 03 June 2011
- CXV. 7 NI ve ODQ nun farelerde işinsal kollu labirent testinde uzaysal bellek üzerine etkileri**  
KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
10. Ulusal Sinir Bilimleri Kongresi, İstanbul, Turkey, 9 - 12 April 2011
- CXVI. 7 NI ve ODQ nun farelerde yiyecek tercihinin sosyal geçişi testinde kokusal bellek üzerine etkileri**  
MUTLU O., YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., ERDEN B. F.  
10. Ulusal Sinir Bilimleri Kongresi, İstanbul, Turkey, 9 - 12 April 2011
- CXVII. The effects of olanzapine in unpredictable chronic mild stress model an FTIR spectroscopic study**  
Komsuoğlu İ., Gumuslu E., Türker S., Mutlu O., Yıldız F., Erden F.  
23. Congress Meeting of European College of Neuropsychopharmacology, Netherlands, 28 August 2010, vol.3, pp.499
- CXVIII. Effects of olanzapine on structure and function of brain tissue biomolecules during unpredictable chronic mild stress an Fourier transform mid infrared spectroscopic study**  
KOMSUOĞLU ÇELİKYURT F. İ., GÜMÜŞLÜ K. E., TÜRKER KAYA S., MUTLU O., YILDIZ AKAR F., ERDEN B. F.  
23rd ECNP Congress, Amsterdam, Netherlands, 28 August - 01 September 2010
- CXIX. Effects of risperidone on learning and memory in the Morris water maze and in passive avoidance tests in rats**



- KOMSUOĞLU ÇELİK YURT F. İ., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
16th World Pharmacology Congress (IUPHAR), Kopenhag, 17 - 23 July 2010
- CXX. **Effects of clozapine and olanzapine on acquisition consolidation and retention of memory in elevated plus maze test in mice**  
MUTLU O., ULAK G., KOMSUOĞLU ÇELİK YURT F. İ., YILDIZ AKAR F., ERDEN B. F.  
16th World Pharmacology Congress (IUPHAR), Kopenhag, 17 - 23 July 2010
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KOMSUOĞLU ÇELİK YURT F. İ., MUTLU O., YILDIZ AKAR F., ERDEN B. F., ULAK G.  
9. Ulusal Sinir Bilimleri Kongresi, İstanbul, Turkey, 13 - 17 April 2010
- CXXII. **Investigation of effects of fluoxetine on UCMS induced changes of brain tissue by FTIR spectroscopy**  
Turker S., Mutlu O., Komsuoğlu İ., Gumuslu E., Yıldız F., Erden F.  
23. Congress Meeting of European College of Neuropsychopharmacology, Germany, 28 August 2010, vol.20, pp.531-532
- CXXIII. **Investigation of effects of fluoxetine on unpredictable chronic mild stress induced changes of brain tissue by Fourier transform mid infrared spectroscopy**  
TÜRKER KAYA S., MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., GÜMÜŞLÜ K. E., YILDIZ AKAR F., ERDEN B. F.  
23rd ECNP Congress, Amsterdam, Netherlands, 28 August - 01 September 2010
- CXXIV. **Risperidonun yükseltilmiş artı labirent testinde bilişsel işlevler üzerine etkileri**  
KOMSUOĞLU ÇELİK YURT F. İ., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
20. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009
- CXXV. **Sertindol ve Klozapinin farelerde Morris su labirenti testinde öğrenme ve bellek üzerine etkileri**  
MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
20. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009
- CXXVI. **Effect of olanzapine on MK 801 induced impairment of memory in the radial arm maze test in mice**  
KOMSUOĞLU ÇELİK YURT F. İ., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
22th ECNP Congress, İstanbul, Turkey, 12 - 16 September 2009
- CXXVII. **Effects of olanzapine and sertindole on MK 801 induced visual memory deficit in mice**  
MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., ULAK G., ERDEN B. F., YILDIZ AKAR F.  
22th ECNP Congress, İstanbul, Turkey, 12 September 2009 - 16 September 2010
- CXXVIII. **'xx'xxSıçan Serebellumunda İnhibitör 7-Nitroindazol Etkisiyle İmmünreaktif Nöronal Nitrik Oksit Sentaz(nNOS) Azalmıştır'xx'xx**  
GONCA S., DALÇIK H., DALÇIK C., YILDIZ AKAR F., COŞTUR P.  
8. Ulusal Sinirbilimleri Kongresi, Bolu, Turkey, 22 - 25 April 2009
- CXXIX. **'the effects of NOS inhibitor 7-nitroindazole and NO precursor L-arginin on immunoreactive neuronal nitric oxide synthase (nNOS) in rat brains and its relation to memory'**  
GONCA S., COŞTUR P., YILDIZ AKAR F.  
13th International Congress of Histochemistry and Cytochemistry, Poland, 1 - 05 September 2008
- CXXX. **Effect of 7 nitroindazole on working memory of rats in three panel runway test**  
YILDIZ AKAR F., KOMSUOĞLU ÇELİK YURT F. İ., MUTLU O., ULAK G.  
EPHAR 2008, Manchester, United Kingdom, 13 - 17 July 2008
- CXXXI. **The role of the serotonergic system in the antidepressant like effect of TRIM in the rat forced swimming test**  
TANYERİ P., MUTLU O., YILDIZ AKAR F., KOMSUOĞLU ÇELİK YURT F. İ., ULAK G.  
EPHAR 2008, Manchester, United Kingdom, 13 - 17 July 2008
- CXXXII. **5 HT1 and 5 HT2 receptors are involved in the anxiolytic like effects of TRIM in the rat**  
TANYERİ P., MUTLU O., YILDIZ AKAR F., ERDEN B. F., ULAK G.  
EPHAR 2008, Manchester, United Kingdom, 13 - 17 July 2008
- CXXXIII. **'xx'xxChronic alcohol induced i-NOS expression in the penis: An immunohistochemical study'xx'xx**  
GONCA S., DALÇIK H., DALÇIK C., YILDIZ AKAR F., COŞTUR P., FİLİZ S.  
Uluslararası Katılımlı IX: Ulusal Histoloji ve Embriyoloji Kongresi, Adana, Turkey, 28 - 30 May 2008
- CXXXIV. **Neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole augment the effects of**

### **antidepressants acting via serotonergic system in the forced swimming test in rats**

Akar F., ULAK G., MUTLU O., Komsuoglu F. İ., Erden F., UTKAN T., Gacar N.

12th Biennial Meeting of the European-Pharmacology-Society, Tübingen, Germany, 31 August - 03 September 2007, vol.18

CXXXV. **7-nitroindazole impairs passive avoidance and elevated-plus maze memory performance in rats**

Akar F., Ulak G., Tanyeri P., Erden F., Utkan T., Gacar N.

12th Biennial Meeting of the European-Pharmacology-Society, Tübingen, Germany, 31 August - 03 September 2007, vol.18

CXXXVI. **Anxiolytic like effects of Fluoxetine in the rat plus maze test**

ULAK G., TANYERİ P., YILDIZ AKAR F., MUTLU O.

12th Biennial meeting of the European Behavioural Pharmacology Society, Tübingen, Germany, 31 August - 03 September 2007

CXXXVII. **Neuronal NOS inhibitor 1 2 Trifluoromethylphenyl imidazole augment the effects of antidepressants acting via serotonergic system in the forced swimming test in rats**

YILDIZ AKAR F., ULAK G., MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., ERDEN B. F., UTKAN T., GACAR M. N.

12th Biennial meeting of the European Behavioural Pharmacology Society, Tübingen, Germany, 31 August - 03 September 2007

CXXXVIII. **Effects of Citalopram and L NAME on reference and working memory of rats in the three panel runway**

MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., ULAK G., YILDIZ AKAR F., GÖÇMEZ S. S.

12th Biennial meeting of the European Behavioural Pharmacology Society, Tübingen, Germany, 31 August - 03 September 2007

CXXXIX. **Effect of 7 NI on reference memory assessed in rats by a three panel runway task**

KOMSUOĞLU ÇELİK YURT F. İ., YILDIZ AKAR F., ULAK G., MUTLU O.

12th Biennial meeting of the European Behavioural Pharmacology Society, Tübingen, Germany, 31 August - 03 September 2007

CXL. **Sitalopramın yükseltilmiş artı labirent testinde öğrenme ve bellek fonksiyonları üzerine etkisi**

Mutlu O., Göçmez S. S., Ulak G., Erden B. F., Yıldız Akar F., Utkan T., Gacar M. N.

18.Ulusal Farmakoloji Kongresi, İzmir, Turkey, 28 September - 01 October 2005

## **Supported Projects**

ÇAKIROĞLU A. Y., KÖLE E., YILDIZ AKAR F., FİLİZ S., KURNAZ ÖZBEK S., ERALDEMİR F. C., Project Supported by Higher Education Institutions, KRONİK OLARAK SİGARA DUMANINA MARUZ BIRAKILAN SIÇANLARDA MELATONİNİN OVER REZERVİ ÜZERİNE ETKİLERİ, 2016 - 2017

YILDIZ AKAR F., Project Supported by Higher Education Institutions, Farklı parametreler ile kronik olarak toksik maddelere maruziyetin sıçanlarda kognitif fonksiyonlar üzerine etkilerinin incelenmesi, 2014 - 2015

YILDIZ AKAR F., Project Supported by Higher Education Institutions, Farelerde NOS inhibisyonu ile indüklenen öğrenme bellek bozukluğu üzerine PDE 2, 5 ve 9 inhibitörlerinin etkilerinin araştırılması, 2012 - 2014

## **Metrics**

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