

## Prof. FÜRÜZAN YILDIZ AKAR

### Personal Information

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### Education Information

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

Post Graduate, Kocaeli Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1995 - 1998

Under Graduate, Hacettepe University, Enfeksiyon Hastalıkları, 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  
Post Graduate, 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  
Post Graduate, 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

Associate Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2011 - 2017

Assistant Professor, Kocaeli Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2003 - 2011

Research Assistant, Kocaeli Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1997 - 2003

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- XII. **Sildenafil enhances locomotor activity in young mice and exerts angiogenic 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 (Journal Indexed in SCI Expanded)
- XIII. **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.112-117, 2014 (Journal Indexed in SCI Expanded)

- XIV. **Zaprinast 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.105-111, 2014 (Journal Indexed in SCI Expanded)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI Expanded)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI Expanded)
- XXIII. **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 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)

- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI Expanded)
- XXXI. **Involvement of serotonin receptor subtypes in the antidepressant-like effect of trim in the rat forced swimming test**  
Ulak G., MUTLU O., TANYERİ P., Komsuoglu F. İ. , Akar F., ERDEN B. F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.95, no.3, pp.308-314, 2010 (Journal Indexed in SCI)
- XXXII. **Effects of diabetes and elevated glucose on nitrergic 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 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI Expanded)
- XXXV. **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. , TANYERİ P., ERDEN B. F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.90, no.4, pp.563-568, 2008 (Journal Indexed in SCI)
- XXXVI. **5-HT1 and 5-HT2 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 (Journal Indexed in SCI)
- XXXVII. **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 (Journal Indexed in SCI)
- XXXVIII. **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 (Journal Indexed in SCI)
- XXXIX. **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 (Journal Indexed in SCI)
- XL. **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 (Journal Indexed in SCI)
- XLI. **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 (Journal Indexed in SCI)
- XLII. **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.

ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.56, pp.276-281, 2006 (Journal Indexed in SCI)

- XLIII. **Does addition of inhaled steroid to combined bronchodilator therapy affect health status in patients with COPD?**  
Yildiz F., Basyigit İ., Yildirim E., Boyaci H., Ilgazlı A.  
RESPIROLOGY, vol.9, no.3, pp.352-355, 2004 (Journal Indexed in SCI)
- XLIV. **Impaired gastric motility in the gastroesophageal reflux rat model: An in vitro study**  
Tugay M., Yıldız F., Utkan Z., Utkan T., Sarıoğlu Y.  
JOURNAL OF SURGICAL RESEARCH, vol.115, pp.272-278, 2003 (Journal Indexed in SCI)
- XLV. **Development changes esophageal smooth muscle reactivity: An in vitro study**  
Tugay M., Yıldız F., Güvenç B. H.  
Pharmacological Research, vol.48, pp.473-478, 2003 (Journal Indexed in SCI)
- XLVI. **Esophagitis impairs esophageal smooth muscle reactivity in the rat model: An in vitro study**  
Tugay M., Yıldız Akar F., Utkan T., Müezzinoğlu B., Erden B. F. , Gacar M. N. , Ulak G.  
DIGESTIVE DISEASES AND SCIENCES, vol.48, pp.2147-2152, 2003 (Journal Indexed in SCI)
- XLVII. **Age-related smooth muscle reactivity changes in the rat bladder: an in vitro study**  
Tugay M., Yıldız F., Utkan T., Gacar N., Ulak G., Erden F.  
PHARMACOLOGICAL RESEARCH, vol.48, pp.329-334, 2003 (Journal Indexed in SCI)
- XLVIII. **Gastric smooth muscle contractility changes in the esophageal atresia rat model: An in vitro study**  
Tugay M., Yıldız F., Utkan T., Sarıoğlu Y., Gacar N.  
JOURNAL OF PEDIATRIC SURGERY, vol.38, pp.1366-1370, 2003 (Journal Indexed in SCI)
- XLIX. **Aging impairs nitric oxide-mediated relaxant responses of rabbit corporal smooth muscle**  
Utkan T., Yıldırım Ş., Sarıoğlu Y., Yıldız F., Yildirim K.  
NITRIC OXIDE-BIOLOGY AND CHEMISTRY, vol.6, pp.342-346, 2002 (Journal Indexed in SCI)
- L. **Impaired esophageal reactivity in adriamycin-induced rat esophageal atresia: An in vitro study**  
Tugay M., Yıldız F., Utkan T., Ulak G., Gacar N., Erden F.  
JOURNAL OF PEDIATRIC SURGERY, vol.36, pp.1569-1573, 2001 (Journal Indexed in SCI)
- L.I. **Impaired neurogenic and endothelium-dependent relaxant responses of corpus cavernosum smooth muscle from hyperthyroid rabbits**  
Özdemirci S., Yıldız F., Utkan T., Ulak G., Çetinaslan B., Erden F., Gacar N.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.428, pp.105-111, 2001 (Journal Indexed in SCI)
- L.II. **Chronic ethanol consumption impairs adrenoceptor- and purinoceptor-mediated relaxations of isolated rat detrusor smooth muscle**  
Utkan T., Erden F., Yıldız F., Özdemirci S., Ulak G., Gacar M. N.  
BJU INTERNATIONAL, vol.88, pp.278-283, 2001 (Journal Indexed in SCI)
- L.III. **Blood pressure and vascular reactivity to endothelin-1, phenylephrine, serotonin, KCl and acetylcholine following chronic alcohol consumption in vitro.**  
Utkan T., Yıldız F., İlbay G., Özdemirci S., Erden B. F. , Gacar N., Ulak G.  
Fundamental & clinical pharmacology, vol.15, pp.157-65, 2001 (Journal Indexed in SCI)
- L.IV. **Antidepressant, anxiogenic, and antinociceptive properties of levofloxacin in rats and mice**  
Erden B. F. , Ulak G., Yıldız F., Utkan T., Özdemirci S., Gacar N.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.68, pp.435-441, 2001 (Journal Indexed in SCI)
- L.V. **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 (Journal Indexed in SCI)
- L.VI. **Anxiolytic-like effects of 7-nitroindazole in the rat plus-maze test**  
Yıldız F., Ulak G., Erden B. F. , Gacar N.  
Pharmacology Biochemistry and Behavior, vol.65, pp.199-202, 2000 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **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 (Journal Indexed in ESCI)
- II. **Desipramin, venlafaksin ve bupropionun farelerdeki depresyon ve anksiyete üzerine etkilerinin zorunlu yüzme testi ve yükseltmiş artı labirent testi ile değerlendirilmesi**  
Tanyeri M. H. , Büyükkuroğlu M. E. , Tanyeri P., Mutlu O., Yıldız Akar F., Ulak G., Erden B. F.  
Sakarya Medical Journal, vol.8, pp.820-829, 2018 (Refereed Journals of Other Institutions)
- III. **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. , Büyükkuroğlu M. E. , Tanyeri P., Mutlu O., Ulak G., Yıldız Akar F., Erden B. F.  
Sakarya Med J, vol.8, pp.820-829, 2018 (Refereed Journals of Other Institutions)
- IV. **Effects of adipokinetic hormone/red pigment concentrating hormone (AKH/RPCH) family of peptides on uterine contraction**  
Mutlu O., Tanyeri P., Akdemir N., Büyükkuroğlu M. E. , Yıldız Akar F., Ulak G., Erden B. F.  
International Journal of Medical Research Health Sciences 2018,, vol.7, pp.32-36, 2018 (Journal Indexed in ESCI)
- V. **The influence of atypic antipsychotic drugs on vas deferens in mice.**  
Tanyeri M. H. , Büyükkuroğlu 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 (Refereed Journals of Other Institutions)
- VI. **The Influence of Atypical Antipsychotic Drugs on Vas Deferens in Mice**  
Tanyeri M. H. , Buyukokuroglu 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 (Journal Indexed in ESCI)
- VII. **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 (Journal Indexed in ESCI)
- VIII. **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 (Journal Indexed in ESCI)
- IX. **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 (Refereed Journals of Other Institutions)
- X. **Effects of Rolipram and Zaprinst 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 (Journal Indexed in ESCI)
- XI. **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., TANYERİ M., ULAK G., TANYERİ P., ERDEN F.  
Drug target insights, vol.8, pp.23-9, 2014 (Refereed Journals of Other Institutions)
- XII. **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., Komsuoglu Celikyurt I., Bektas E., Tanyeri P., Ulak G., Erden F.  
Medical science monitor basic research, vol.20, pp.27-35, 2014 (Refereed Journals of Other Institutions)

- XIII. **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.  
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- XIV. **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**  
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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

## Citations

Total Citations (WOS):849

h-index (WOS):14