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International Researcher IDs

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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-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 (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., Yildirim 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., Büyükkuroğlu 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., Büyükkuroğlu 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., Büyükkuroğlu 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., 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 (ESCI)
- VIII. **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 (ESCI)
- IX. **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 (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.
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LXXXIX. **An atypical antidepressant tianeptine prevents unpredictable chronic mild stress induced depressive effects in mice**

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

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Supported Projects

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

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