

## Prof. BEKİR FARUK ERDEN

### Personal Information

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**Address:** Professor (full since 2004), Head of the Department of Medical Pharmacology, Kocaeli Faculty of Medicine, Kocaeli University Kocaeli Tıp Fak. Umuttepe- Kocaeli-TÜRKİYE



### International Researcher IDs

ORCID: 0000-0002-2542-5158

Publons / Web Of Science ResearcherID: F-7091-2018

Yoksis Researcher ID: 39955

### Education Information

Undergraduate, NETKENT ÜNİVERSİTESİ, MÜHENDİSLİK , YAZILIM MÜH., Turkey 2018 - 2023

Post Doctorate, Baylor College of Medicine, Baylor College of Medicine - Houston/TEXAS, Pharmacology, United States Of America 1993 - 1994

Expertise In Medicine, Cukurova University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1988 - 1991

Undergraduate, Istanbul University, Cerrahpaşa Tıp Fakültesi, Cerrahpaşa Tıp Pr., Turkey 1985 - 1987

### Biography

Klinik Farmakoloji ve Psikofarmakoloji Alanında çalışıyoruz.

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Expertise In Medicine, Kara kaplumbağası Kan Basıncı Üzerinde Histamin Etkisi, Cukurova University, 1991

### Research Areas

Health Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2004 - Continues  
Associate Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 1998 - 2004  
Assistant Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 1996 - 1998  
Lecturer, Inonu University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1992 - 1996  
Researcher, Baylor College of Medicine, Baylor College of Medicine, Pharmacology, 1993 - 1994  
Expert, Cukurova University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1988 - 1991

## Academic and Administrative Experience

Kocaeli Üniversitesi, Tıp Fakültesi, 2004 - 2014

## Courses

Akılcı İlaç Kullanımı, Postgraduate, 2019 - 2020  
Sedatif Hipnotikler, Undergraduate, 2019 - 2020  
Antiviral İlaçlar, Undergraduate, 2019 - 2020  
Genel Farmakoloji, Postgraduate, 2019 - 2020  
İlaç Etkileşimleri, Postgraduate, 2019 - 2020  
Opiooid Analjezikler, Undergraduate, 2019 - 2020  
Rasyonel Farmakoterapi, Undergraduate, 2019 - 2020  
Sporda Doping, Undergraduate, 2019 - 2020  
Zeka Nedir?, Postgraduate, 2019 - 2020  
Santral Sinir Sistemine Giriş, Undergraduate, 2019 - 2020  
Kişisel İlaçlar, Undergraduate, 2019 - 2020  
E-Reçete, Undergraduate, 2019 - 2020  
Reçete Yazımı, Undergraduate, 2019 - 2020

## Advising Theses

Erden B. F., Sıçanlarda pasif sakınma ve yükseltilmiş artı labirent testinde imipramin, fluvoksamin, tianeptin ve moklobemidin öğrenme ve bellek üzerine etkisi, Doctorate, S.SELCEN(Student), 2008  
Erden B. F., Norharmanın Sıçanlarda Zorunlu Yüzme ve Pasif Sakınma Deneyleri Üzerine Etkisi, Doctorate, A.Akgün(Student), 2005

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, April, 2021  
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, January, 2021

## Designed Lessons

Erden B. F., ZEKAMIZA DOKUNAN İLAÇLAR, Undergraduate, 2022 - 2023

## Published journal articles indexed by SCI, SSCI, and AHCI

1. Effects of the adipokinetic hormone/red pigment-concentrating hormone (AKH/RPCH) family of

**peptides on MK-801-induced schizophrenia models**

Mutlu O., Palenicek T., Pinterova N., Sichova, Sichova K., Horacek J., Holubova K., Hoeschl C., Stuchlik A., Erden F., Vales K.

FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.32, pp.589-602, 2018 (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**  
Gümüşlü 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. **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)
- 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 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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)

- XV. **5 HT1 and 5HT2 receptors are involved in the anxiolytic like effects of TRIM in the rat**  
Tanyeri P., Mutlu O., Ulak G., Yıldız Akar F., Komsuoğlu Çelikyurt F. İ., Erden B. F.  
DRUG DEVELOPMENT RESEARCH, vol.74, pp.242-251, 2013 (SCI-Expanded)
- XVI. **Antidepressant like activity of agomelatine in the mouse unpredictable chronic mild stress model**  
Mutlu O., Gümüşlü K. E., Ulak G., Komsuoğlu Çelikyurt F. İ., Yıldız Akar F., Bektaş E., Demirtaş Şahin T., Hale Maral K., Musul M. M., Erden B. F.  
DRUG DEVELOPMENT RESEARCH, vol.74, pp.203-215, 2013 (SCI-Expanded)
- XVII. **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)
- 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. **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)
- XX. **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)
- XXI. **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)
- XXII. **Venous thromboembolism risk and thromboprophylaxis among hospitalized patients: data from the Turkish arm of the ENDORSE study.**  
Ongen G., Yılmaz A., Cirak A., Ersoy C., Erden F., Altıntaş F., Yıldırım C., Güven H., Demir A., Kaynar L., et al.  
Clinical and applied thrombosis/hemostasis : official journal of the International Academy of Clinical and Applied Thrombosis/Hemostasis, vol.17, pp.539-45, 2011 (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 risperidone, quetiapine and ziprasidone on ethanol withdrawal syndrome in rats**  
Celikyurt I. K., Kayir H., ULAK G., Erden F. B., Ulusoy G. K., Uzbay T. I.  
PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY, vol.35, no.2, pp.528-536, 2011 (SCI-Expanded)
- XXVIII. **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)

- XXIX. **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)
- XXX. **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)
- XXXI. **Venous thromboembolism risk and prophylaxis in hospitalised medically ill patients The ENDORSE Global Survey**  
Bergmann J., Cohen A. T., Tapson V. F., Goldhaber S. Z., Kakkar A. K., Deslandes B., Huang W., Anderson F. A., Cherfi L., Ammour D., et al.  
THROMBOSIS AND HAEMOSTASIS, vol.103, no.4, pp.736-748, 2010 (SCI-Expanded)
- XXXII. **Venous Thromboembolism Risk and Prophylaxis in the Acute Care Hospital Setting (ENDORSE Survey) Findings in Surgical Patients**  
Kakkar A. K., Cohen A. T., Tapson V. F., Bergmann J., Goldhaber S., Deslandes B., Huang W., Anderson F. A., Cherfi L., Ammour D., et al.  
ANNALS OF SURGERY, vol.251, no.2, pp.330-338, 2010 (SCI-Expanded)
- XXXIII. **Effects of diabetes and elevated glucose on nitric 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)
- XXXIV. **CHRONIC ETHANOL-INDUCED GLIAL FIBRILLARY ACIDIC PROTEIN (GFAP) IMMUNOREACTIVITY: AN IMMUNOCYTOCHEMICAL OBSERVATION IN VARIOUS REGIONS OF ADULT RAT BRAIN**  
Dalçık H., Yardımoğlu M., Filiz S., Gonca S., Dalçık C., Erden B. F.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.119, no.9, pp.1303-1318, 2009 (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., Tanyeri P., Erden B. F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.90, no.4, pp.563-568, 2008 (SCI-Expanded)
- XXXVI. **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)
- 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 (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. **Secondhand tobacco smoke impairs neurogenic and endothelium-dependent relaxation of rabbit corpus cavernosum smooth muscle: improvement with chronic oral administration of L-arginine**  
Gocmez S. S., Utkan T., Duman C., Yildiz F., Ulak G., Gacar M., Erden F.  
INTERNATIONAL JOURNAL OF IMPOTENCE RESEARCH, vol.17, pp.437-444, 2005 (SCI-Expanded)
- XLI. **Effects of chronic ethanol treatment on glial fibrillary acidic protein expression in adult rat optic nerve: an immunocytochemical study**

- Gonca S., Filiz S., Dalçık C., Yardimoglu M., Dalçık H., Yazır Y., Erden B. F.  
CELL BIOLOGY INTERNATIONAL, vol.29, no.2, pp.169-172, 2005 (SCI-Expanded)
- XLII. **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)
- XLIII. **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)
- XLIV. **Attenuation of ethanol withdrawal signs by high doses of L-arginine in rats.**  
Uzbay I., Erden B. F.  
Alcohol and alcoholism (Oxford, Oxfordshire), vol.38, pp.213-8, 2003 (SCI-Expanded)
- XLV. **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)
- XLVI. **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)
- XLVII. **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)
- XLVIII. **The effect of long-term ethanol feeding on Brucella melitensis infection of rats**  
Yumuk Z., Ozdemirci S., Erden B. F., Dundar V.  
ALCOHOL AND ALCOHOLISM, vol.36, no.4, pp.314-317, 2001 (SCI-Expanded)
- XLIX. **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, pp.157-165, 2001 (SCI-Expanded)
- L. **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)
- LI. **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)
- LII. **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)
- LIII. **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)
- LIV. **Dextromethorphan attenuates ethanol withdrawal syndrome in rats**  
Erden B. F., Ozdemirci S., Yildiran G., Utkan T., Gacar N., Ulak G.  
Pharmacology Biochemistry and Behavior, vol.62, pp.537-541, 1999 (SCI-Expanded)
- LV. **Is arachis oil a solvent only, or does it also have an effect on the central nervous system?**  
Erden B. F., Ulak G., Gacar N., Ozdemirci S.  
The Journal of pharmacy and pharmacology, vol.50, pp.443-4, 1998 (SCI-Expanded)
- LVI. **Side effects of tamoxifen in oophorectomized rats.**  
Kafkasli A., Erdem F., Müezzinoğlu B., Akbaşak B., Burak F., Aksoy T., Birincioglu M., Biotech M., Biotec F.  
Gynecologic and obstetric investigation, vol.45, pp.93-8, 1998 (SCI-Expanded)

- LVII. Nitric oxide synthase inhibition attenuates signs of ethanol withdrawal in rats**  
Uzday I. T., Erden B. F., Tapanyigit E. E., Kayaalp S. O.  
Life Sciences, vol.61, pp.2197-2209, 1997 (SCI-Expanded)
- LVIII. The effect of 7-nitro indazole on pentobarbital-induced sleep in mice.**  
Erden B. F., Ulak G., Yildiran G., Gacar N.  
Pharmacological research, vol.36, pp.265-7, 1997 (SCI-Expanded)
- LIX. Antinociception induced by verapamil and chloramphenicol in mice**  
Yildiran G., Ulak G., Utkan G., Göldeli E., Gacar N., Erden F.  
BIOLOGY OF THE NEONATE, vol.72, pp.28-31, 1997 (SCI-Expanded)
- LX. Effects of L-Arginine on behavioural symptoms of ethanol withdrawal syndrome in rats**  
Uzday I., Erden B. F., Sever B.  
European Neuropsychopharmacology, vol.6, pp.27-28, 1996 (SCI-Expanded)
- LXI. P-51 Effects of L-Arginine on behavioural symptoms of ethanol withdrawal syndrome in rats**  
Uzday I., Erden B. F., Sever B.  
Topics in Catalysis, vol.6, 1996 (SCI-Expanded)
- LXII. IN THE HIPPOCAMPUS IN-VIVO, NITRIC-OXIDE DOES NOT APPEAR TO FUNCTION AS AN ENDOGENOUS ANTIPILEPTIC AGENT**  
STRINGER J., ERDEN F.  
EXPERIMENTAL BRAIN RESEARCH, vol.105, no.3, pp.391-401, 1995 (SCI-Expanded)

## Articles Published in Other Journals

- I. Piroglutamil Peptidlerin farelerde Skopolaminle Oluşturulmuş Öğrenme-bellek Bozukluğu Üzerine Etkisi**  
Erden B. F.  
Sakarya Tıp Dergisi, vol.13, pp.446-455, 2023 (Peer-Reviewed Journal)
- II. Effects of pyroglutamyl peptides on scopolamine induced learning-memory impairment in mice**  
Uygun İ., Başarır Bozkurt Ş. N., Al Yousef M., Khalid Mohammed M. O., Tanyeri P., Akar F., Erden B. F., Mutlu O.  
Sakarya Tıp Dergisi, vol.13, no.3, pp.446-455, 2023 (Peer-Reviewed Journal)
- III. Effects of Haloperidol, Olanzapine, Risperidone And Clozapine on Mice Detrusor Muscle Using Organ Bath System**  
Tanyeri M. H., Büyükkuroğlu M. E., Tanyeri P., Keles Kaya R., Başarır Bozkurt Ş. N., Mutlu O., Yıldız Akar F., Erden B. F., Ulak G.  
Online Türk Sağlık Bilimleri Dergisi, vol.7, no.1, pp.106-111, 2022 (Peer-Reviewed Journal)
- IV. Chronic Effects of Loxapine, Iloperidone, Paliperidone on Mice Isolated Vas Deferens Contractility**  
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- LXXVII. **Effect of haloperidol on MK-801-induced memory deterioration in the Morris water maze and radial-arm maze tests in mice**  
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- LXXXVI. **Disturbing effects of spatial memory by the soluble guanylate cyclase inhibitor ODQ and the nNOS**

**inhibitor 7 NI in the modified elevated plus maze test**

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

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**LXXXVII. Effects of Levetiracetam on cognitive functions mice**

KOMSUOĞLU ÇELİK YURT F. İ., ULAK G., YILDIZ AKAR F., MUTLU O., MÜLAYİM S., ERDEN B. F.

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**LXXXIX. The Investigation of the Molecular Effects of ZAP and ODQ on Rat Brain by FTIR Spectroscopy**

TÜRKER KAYA S., MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., GÜMÜŞLÜ K. E., YILDIZ AKAR F., ERDEN B. F., ULAK G.

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**XC. Effects of zaprinast and rolipram on spatial memory in the radial arm maze test in mice**

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

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**XCI. Disturbing effects of spatial memory by ODQ and 7 NI in the modified elevated plus maze test**

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**XCII. Effects of levetiracetam on cognitive functions in mice**

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**XCIII. Enhancement of cognitive performance by gabapentin in Morris water maze, elevated plus maze and passive avoidance tasks in naive mice**

Celikyurt I. K., MUTLU O., ULAK G., AKAR F., ERDEN F.

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**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.

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**XCIV. Effects of zaprinast and rolipram on olfactory memory in the social transmission of food preference test in mice European behavioural pharmacological society**

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

14TH EBPS Meeting, Amsterdam, Netherlands, 26 - 29 August 2011

**XCVI. Effects of 7 NI and ODQ on visual memory in the novel object recognition test in mice**

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

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**XCVII. Effects of zaprinast rolipram ODQ and 7 NI on exploratory activity in mice**

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

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**XCVIII. Effects of zaprinast ODQ and 7 NI on locomotion and anxiety in the open field test in mice**

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**XCIX. EFFECTS OF 7-NI AND ODQ ON EMOTIONAL MEMORY IN THE PASSIVE AVOIDANCE TEST IN MICE**

MUTLU O., AKAR F., ULAK G., Celikyurt I. K., ERDEN F.

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- C. **EFFECTS OF ZAPRINAST, ROLIPRAM, ODQ AND 7-NI ON EXPLORATORY ACTIVITY IN MICE**  
MUTLU O., AKAR F., Celikyurt I. K., ULAK G., ERDEN F.  
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- CI. **EFFECTS OF OLANZAPINE AND FLUOXETINE ON UNPREDICTABLE CHRONIC MILD STRESS-INDUCED COGNITION DETERIORATION IN MICE**  
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- CII. **EFFECTS OF 7-NI AND ODQ ON VISUALMEMORY IN THE NOVEL OBJECT RECOGNITION TEST IN MICE**  
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- CIII. **EFFECTS OF ZAPRINAST, ODQ AND 7-NI ON LOCOMOTION AND ANXIETY IN THE OPEN FIELD TEST IN MICE**  
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- CIV. **THE REVERSAL OF 7-NI-INDUCED MOLECULAR EFFECTS BY L-ARG IN RAT BRAIN IS SUPPORTED BY FTIR SPECTROSCOPY**  
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- CV. **EFFECTS OF ZAPRINAST AND ROLIPRAM ON OLFACTORY MEMORY IN THE SOCIAL TRANSMISSION OF FOOD PREFERENCE TEST IN MICE**  
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- CVI. **EFFECTS OF ZAPRINAST ON SPATIAL AND VISUAL MEMORY IN THE ELEVATED PLUS MAZE AND NOVEL OBJECT RECOGNITION TESTS IN MICE**  
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- CVII. **Effects of tianeptine and fluoxetine on unpredictable chronic mild stress induced cognition deterioration in mice**  
MUTLU O., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
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- CIX. **Disturbing effects of spatial memory by ODQ and 7 NI in the Morris water maze test**  
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- CX. **Olanzapine prevents unpredictable chronic mild stress induced depressive effects in mice**  
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- CXI. **A Promising Study to Investigate Mechanism of Action of Tianeptine on UCMS An FTIR Study**  
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- CXIII. **7 NI ve ODQ nun farelerde yiyecek tercihinin sosyal geçişi testinde kokusal bellek üzerine etkileri**  
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- CXIV. **7 NI ve ODQ nun farelerde ışınal kollu labirent testinde uzaysal bellek üzerine etkileri**  
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- CXV. **The effects of olanzapine in unpredictable chronic mild stress model an FTIR spectroscopic study**  
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- CXVIII. **Effects of clozapine and olanzapine on acquisition consolidation and retention of memory in elevated plus maze test in mice**  
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- CXIX. **Wag Rij Sıçanlarda Lamotrijinin Ön Uyarıcı Aracılı İnhibisyon Üzerine Etkisi**  
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- CXXIII. **Sertindol ve Klozapinin farelerde Morris su labirenti testinde öğrenme ve bellek üzerine etkileri**  
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- CXXV. **Effects of olanzapine and sertindole on MK 801 induced visual memory deficit in mice**  
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- CXXVIII. **5 HT1 and 5 HT2 receptors are involved in the anxiolytic like effects of TRIM in the rat**  
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- CXXIX. **Neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole augment the effects of antidepressants acting via serotonergic system in the forced swimming test in rats**  
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- CXXXII. **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
- CXXXIII. **The effects of chronic ethanol treatment on the glial fibrillary acidic protein (GFAP) immunoreactivity in the adult rat optic nerve**  
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12th International Congress of Histochemistry and Cytochemistry 2004, California, United States Of America, 24 July 2004, pp.52
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JOURNAL OF HISTOCHEMISTRY CYTOCHEMISTRY 52 Supplement 1 23 2004  
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XII. International Congress of Histochemistry & Cytochemistry, San Diego at La Jolla, California, United States Of America, 24 - 28 July 2004
- CXXXV. **The effects of chronic ethanol treatment on the glial fibrillary acidic protein (GFAP) immunoreactivity in the adult rat optic nerve**  
Gonca S., Filiz S., Dalcik C., Yardimoglu M., Dalcik H., Yazir Y., Erden B. F.  
12th International Congress of Histochemistry and Cytochemistry, California, United States Of America, 24 - 29 July 2004, vol.52
- CXXXVI. **Kronik alkol alımının optik sinir glial fibriller asidik protein sentezi üzerindeki etkisi**  
GONCA S., FİLİZ S., DALÇIK C., YARDIMOĞLU YILMAZ M., DALCIK H., YAZIR Y., ERDEN B. F.  
I. Ulusal Sinirbilimleri Kongresi, Eskişehir, Turkey, 16 March 2002, pp.40
- CXXXVII. **Effects of chronic ethanol on the glial fibrillary acidic protein containing astrocytes in the optic nerve**  
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1.Ulusal Sinir Bilimleri Kongresi, Eskişehir, Turkey, 16 - 20 March 2002
- CXXXVIII. **Effects of chronic ethanol on the glial fibrillary acidic protein containing astrocytes An immunocytochemical study**  
DALÇIK H., YARDIMOĞLU YILMAZ M., GONCA S., FİLİZ S., DALÇIK C., ERDEN B. F., CEYLAN F. S.  
XI International Congress of Histochemistry & Cytochemistry , 2000, York, United Kingdom, 3 - 08 September 2000

## Other Publications

### I. Doping

Erden B. F.

Technical Report, pp.1-2, 2019

## Supported Projects

ERDEN B. F., Project Supported by Higher Education Institutions, KOÜ ARAŞTIRMA VE UYGULAMA HASTANESİ ECZANESİNDE BİRİM DOZ PAKETLEME CİHAZI KURULMASI VE İŞLETİLMESİ PROJESİ, 2012 - 2013

## Scientific Consultations

Memantine for dementia, Project Consultancy, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey, 2003 - 2003

## Metrics

Publication: 254

Citation (WoS): 1372

Citation (Scopus): 1670

H-Index (WoS): 21

H-Index (Scopus): 23

## Congress and Symposium Activities

Antibiyotiklerle İlaç Etkileşmeleri, Working Group, Sakarya, Turkey, 2018

Pharmacological basis of alcohol and / or drug intoxication, Working Group, İstanbul, Turkey, 2002

## Invited Talks

KULAK BURUN BOĞAZ DİSİPLİNİNDE YAPAY ZEKA, Conference, 45. TÜRK ULUSAL KULAK BURUN BOĞAZ KONGRESİ, Turkey, October 2024

Sağlıkta Yapay Zeka Uygulamaları, Conference, Turkey, September 2024

YAPAY ZEKA İLAÇ KEŞFİNİ HIZLANDIRACAK MI?, Conference, Kocaeli Üniversitesi, Turkey, June 2024

Akılcı İlaç Kullanımı, Conference, Turkey, April 2024

Yapay Zeka ve Klinikte İlaç Geliştirme, Workshop, 12. Uluslararası İlaç Kimyası Kongresi, Turkey, March 2024

Sağlıklı Olmak Nedir?, Conference, Kanal 41 Televizyonu, Turkey, October 2021

Akılcı İlaç Kullanımı, Conference, Aile Hekimliği Derneği, Turkey, September 2021

Zeka Nedir?, Conference, Kocaeli Bilsem, Turkey, December 2019

Diş Hekimliğinde Enfeksiyon Kontrolü ve Akılcı Antibiyotik Kullanımı, Workshop, Sağlık Bakanlığı, Turkey, February 2019

Hawking İle Evlenmek ve Sapyoseksüalite, Conference, Galeri Binyıl, Turkey, January 2019

## Non Academic Experience

Professional Chamber, Kocaeli Mimarlar Mühendisler Odası, Kocaeli Mimarlar Mühendisler Odası

TUBITAK, İzmit BİLSEM, Özel Yetenekli Öğrencilerle Çok Boyutlu Bilim Okuryazarlığı

Baylor College of Medicine-Houston-USA

Sağlık Bakanlığı