

## Prof. OĞUZ MUTLU

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: F-5952-2018

Yoksis Researcher ID: 155521

### Education Information

Expertise In Medicine, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 2004 - 2008

Undergraduate, Kocaeli University, Tıp Fakültesi, Tıp Pr., Turkey 1997 - 2004

### Foreign Languages

English, C1 Advanced

### Dissertations

Expertise In Medicine, TRIM'in öğrenme bellek üzerine etkisi, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2008

### 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, 2019 - Continues

Associate Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2013 - 2019

Assistant Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2011 - 2013

Lecturer, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2010 - 2011

Expert, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2008 - 2010

Research Assistant, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2004 - 2008

### Academic and Administrative Experience

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2019 -

Continues

Ethics Committee Member, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2019 - Continues

Farmakovijilans irtibat noktası sorumlusu, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2008 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2018 - 2020

## Courses

Diş hekimliği Farmakoloji 2, Undergraduate, 2018 - 2019

Tıp Dönem III Farmakoloji, Undergraduate, 2018 - 2019

Hemşirelik 2. sınıf Farmakoloji, Undergraduate, 2016 - 2017

Rasyonel Farmakoterapi Stajı, Undergraduate, 2016 - 2017

## Advising Theses

Mutlu O., Effects Of Pyroglutamyl Peptides On Scopolamine Induced Learning-Memory Impairment In Mice, Postgraduate, i.UYGUN(Student), 2022

MUTLU O., Ratlarda deneysel monoküler deprivasyon ambliyopisi modelinde, intraperitoneal olarak uygulanan rolipramın görme, uzaysal ve görsel bellek üzerindeki davranışsal ve vizüel kortikal plastisite üzerindeki biyokimyasal etkisi, Expertise In Medicine, O.SİNAN(Student), 2015

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Burdur Mehmet Akif Ersoy Üniversitesi, March, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Sakarya Üniversitesi, February, 2023

Associate Professor Exam, Associate Professor Exam, Kocaeli Üniversitesi, August, 2020

Associate Professor Exam, Associate Professor Exam, Kocaeli Üniversitesi, February, 2020

Expertise In Medicine, Expertise In Medicine, Sakarya Üniversitesi, November, 2019

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2014

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

- I. **Expression of brain-derived neurotrophic factor and formation of migrasome increases in the glioma cells induced by the adipokinetic hormone**  
KÖKTÜRK S., Doğan S., YILMAZ B. E., Cetinkol Y., MUTLU O.  
Revista da Associacao Medica Brasileira, vol.70, no.5, 2024 (SCI-Expanded)
- II. **Effects of mirabegron on depression, anxiety, learning and memory in mice**  
Tanyeri M. H., Buyukokuroglu M. E., Tanyeri P., MUTLU O., Ozturk A., Yavuz K., Kaya R. K.  
ANAIS DA ACADEMIA BRASILEIRA DE CIENCIAS, vol.93, 2021 (SCI-Expanded)
- III. **Effects of adipokinetic hormone/red pigment-concentrating hormone family of peptides in olfactory bulbectomy model and posttraumatic stress disorder model of rats.**  
Mutlu O., Kurtas O., Kleteckova L., Pinterova N., Holubová K., Horacek J., Hoschl C., Uygun I., Rodriguez D. B., Kacer D., et al.  
Peptides, vol.134, pp.170408, 2020 (SCI-Expanded)
- IV. **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)

- V. **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)
- VI. **Histopathologic and molecular comparative analyses of intravesical Aurora kinase-A inhibitor Alisertib with bacillus Calmette-Gu, rin on precancerous lesions of bladder in a rat model**  
Teke K., Yılmaz H., Uslubaş A. K., Akpınar G., Kasap M., Mutlu O., Yıldız D. K., Güzel N., Dillioğlugil Ö.  
INTERNATIONAL UROLOGY AND NEPHROLOGY, no.8, pp.1417-1425, 2018 (SCI-Expanded)
- VII. **Exenatide upregulates gene expression of glucagon-like peptide-1 receptor and nerve growth factor in streptozotocin/nicotinamide-induced diabetic mice**  
Gumuslu E., Çine N., Ertan M., Mutlu O., Celikyurt I. K., Ulak G.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.32, pp.174-180, 2018 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **Chronic Treatment with the IDO1 Inhibitor 1-Methyl-D-Tryptophan Minimizes the Behavioural and Biochemical Abnormalities Induced by Unpredictable Chronic Mild Stress in Mice - Comparison with Fluoxetine**  
LAUGERAY A., Launay J., Callebert J., Mutlu O., Guillemin G. J., BELZUNG C., Barone P. R.  
PLOS ONE, vol.11, no.11, 2016 (SCI-Expanded)
- XI. **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)
- XII. **Exenatide Alters Gene Expression of Neural Cell Adhesion Molecule (NCAM), In-tercellular Cell Adhesion Molecule (ICAM), and Vascular Cell Adhesion Molecule (VCAM) in the Hippocampus of Type 2 Diabetic Model Mice**  
Gumuslu E., ÇİNE N., Gokbayrak M. E., MUTLU O., Celikyurt I. K., ULAK G.  
MEDICAL SCIENCE MONITOR, vol.22, pp.2664-2669, 2016 (SCI-Expanded)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **EFFECTS OF ASENAPINE 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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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., Bektas E., Demirtaş Şahin T., Hale Maral K., Musul M. M., Erden B. F.  
DRUG DEVELOPMENT RESEARCH, vol.74, pp.203-215, 2013 (SCI-Expanded)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **Evidence for the involvement of neuronal nitric oxide synthase and soluble guanylate cyclase on cognitive functions in rats**  
Komsuoglu-Celikyurt I., Göçmez S. S., Mutlu O., Gacar N., Arıcıoğlu F., Utkan T.  
LIFE SCIENCES, vol.89, pp.905-910, 2011 (SCI-Expanded)
- XXXIII. **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)
- XXXIV. **Beneficial effects of resveratrol on scopolamine but not mecamlamine induced memory impairment in the passive avoidance and Morris water maze tests in rats**  
Gacar N., Mutlu O., Utkan T., Celikyurt I. K., Gocmez S. S., Ulak G.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.99, pp.316-323, 2011 (SCI-Expanded)
- XXXV. **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)
- XXXVI. **Effects of nitric oxide synthase inhibitors 1-(2-trifluoromethylphenyl) - imidazole (TRIM) and 7-nitroindazole (7-NI) on learning and memory in mice**  
Mutlu O., ULAK G., BELZUNG C.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.25, no.3, pp.368-377, 2011 (SCI-Expanded)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **Effects of nitric oxide synthase inhibitors 1 2 trifluoromethylphenyl imidazole TRIM and 7 nitroindazole 7 NI on learning and memory in mice**  
MUTLU O., ULAK G., CATHERINE B.  
Fundamental Pharmacology, vol.25, pp.368-377, 2011 (SCI-Expanded)
- XLI. **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)
- XLII. **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)
- XLIII. **N-Acetylcysteine improves disturbed ileal contractility following partial hepatectomy in rats**  
Okay E., Mutlu O., Gocmez S. S., Oz S., Utkan T.  
JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY, vol.25, pp.203-208, 2010 (SCI-Expanded)
- XLIV. **Effects of neuronal and inducible NOS inhibitor 1-[2-(trifluoromethyl) phenyl] imidazole (TRIM) in unpredictable chronic mild stress procedure in mice**

- MUTLU O., ULAK G., LAUGERAY A., BELZUNG C.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.92, no.1, pp.82-87, 2009 (SCI-Expanded)
- XLV. **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)
- XLVI. **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)
- XLVII. **The effect of the neuronal and inducible nitric oxide synthase inhibitor TRIM on depression in the unpredictable chronic mild stress model**  
MUTLU O., ULAK G., Laugeray A., Belzung C.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.22, pp.32, 2008 (SCI-Expanded)
- XLVIII. **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)
- XLIX. **Effect of memantine on morphine physical dependence in acute naloxone-precipitated withdrawal.**  
Aricioglu F., Gocmez S. S., Mutlu O., Utkan T.  
ACTA PHARMACOLOGICA SINICA, vol.27, pp.421-422, 2006 (SCI-Expanded)
- L. **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)
- LI. **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)

## Articles Published in Other Journals

- I. **Neurochemical Effects of the Adipokinetic Hormone/Red Pigment Concentrating Hormone Family of Peptides in MK-801-Induced Schizophrenia Rat Model**  
Başarır Bozkurt Ş. N., Mutlu O., Rodrigez D. B., Kacer D., Tanyeri P., Çobantürk P., Vales K.  
Online Türk Sağlık Bilimleri Dergisi, vol.5, no.2, pp.15-25, 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. **Chronic Effects of Loxapine, Iloperidone, Paliperidone on Mice Isolated Vas Deferens Contractility**  
Tanyeri M. H., Büyükokuroğlu M. E., Tanyeri P., Kaya R. K., Başarır Ş. N., Mutlu O., Yıldız Akar F., Erden B. F., Ulak G.  
Online Türk Sağlık Bilimleri Dergisi, vol.7, no.1, pp.40-46, 2022 (Peer-Reviewed Journal)
- IV. **Chronic Effects of Atypic Antipsychotics on Mice Isolated Vas Deferens Contractility: An In vitro Study**  
Tanyeri M. H., Büyükokuroğlu M. E., Tanyeri P., Keleş Kaya R., Başarır Bozkurt Ş. N., Mutlu O., Yıldız Akar F., Erden B. F., Ulak G.  
JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL, vol.34, no.17b, pp.26-34, 2022 (ESCI)
- V. **Effects of Haloperidol, Olanzapine, Risperidone And Clozapine on Mice Detrusor Muscle Using Organ Bath System**  
Tanyeri M. H., Büyükokuroğlu M. E., Tanyeri P., Keleş 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)

- VI. **Oksibutininin Farelerde Pasif Sakınma ve Morris Su Tankı Testlerinde Öğrenme ve Bellek İşlevleri Üzerine Etkileri**  
Tanyeri M. H., Büyükokuroğlu M. E., Tanyeri P., Ozturk A., Keles Kaya R., Basarır Bozkurt S. N., Mutlu O.  
Sakarya Tıp Dergisi, vol.12, no.1, pp.98-106, 2022 (Peer-Reviewed Journal)
- VII. **Effects of Cyamemazine, Blonanserin and Nemonapride on Mice Isolated Vas Deferens Contractility**  
Tanyeri M. H., Büyükokuroğlu 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)
- VIII. **Effects of Terazosin, Silodosin and Alfuzosin on Depression and Anxiety in Mice**  
Tanyeri M. H., BÜYÜKOKUROĞLU M. E., TANYERİ P., K. Kaya R., ÖZTÜRK A., Başarır Ş., Ormancı D., MUTLU O.  
JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL, vol.33, pp.78-87, 2021 (ESCI)
- IX. **Chronic Effects of Ziprasidone, Aripiprazole, Blonanserin, Cyamemazine, and Nemonapride on Mice Isolated Detrusor Smooth Muscle**  
Tanyeri M. H., Büyükokuroğlu 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)
- X. **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)
- XI. **KORONAVİRÜS HASTALIĞI (COVID-19) TEDAVİSİNDE KULLANILAN İLAÇLAR**  
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ULAK G., GÜMÜŞLÜ K. E., MUTLU O., KOMSUOĞLU ÇELİKYURT F. İ., YILDIZ AKAR F., ERDEN B. F.  
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TANYERİ M. H., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
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TANYERİ M. H., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
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Huseynova L., KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
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7th European Congress of Pharmacology (EPHAR), İstanbul, Turkey, 26 - 30 June 2016, pp.352
- XXXVIII. **PDE 2 inhibitor BAY60 7550 PDE 5 inhibitor sildenafil and PDE 9 inhibitor PF 04447943 on learning and memory in the Morris water maze test in mice**  
BEKTAŞ E., YILDIZ AKAR F., MUTLU O., ULAK G., ERDEN B. F.  
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- XLI. **Comparison of the effects of three different PDE inhibitors Sildenafil BAY60 7550 and PF 04447943 on fear memory in the fear conditioning test in mice**  
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- XLII. **Effects of asenapine and paliperidon on analgesy and locomotion Altered gen expression levels of FGF2 synapsin and NGF in the hippocampus of mice**  
GÜMÜŞLÜ K. E., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F., KOMSULOĞLU ÇELİKYURT F. İ., TANYERİ P.  
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- XLIII. **The influence of atipic antipsychotic drugs on vas deferens in mice**  
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DIA 52nd Annual Meeting, 26 June 2016
- XLIV. **Effects of Retigabine and Lacosamide on acquisition and retrieval of memory in naive mice**  
Hüseynova L., KOMSULOĞLU ÇELİKYURT F. İ., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
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- XLV. **Effects of selective PDE 2 inhibitor BAY60 7550 PDE 5 inhibitor Sildenafil and PDE 9 inhibitor PF 04447943 on learning and memory in the morris water maze test in naive mice**  
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- XLVI. **Effects of Rufinamide on spatial and avoidance memory in morris water maze elevated plus maze and passive avoidance tests in mice**  
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- XLVII. **The influence of risperidone and olanzapine on vas deferens in mice**  
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- XLVIII. **Effects of olanzapine, clozapine, risperidone and sertindole on FGF2, synapsin and NGF expression in the hippocampus of naive mice**  
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- L. **Effects of iloperidon and nemonaprid on depression, anxiety-like behaviour and locomotion: Altered gen expression levels of FGF2, synapsin and NGF in the hippocampus of mice**  
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- LIII. **Effects of Quetiapine and aripiprazole on memory depression and anxiety in mice Altered gen expression levels of BDNF and CREB in the hippocampus of mice**  
YILDIZ AKAR F., GÜMÜŞLÜ K. E., MUTLU O., ULAK G., KOMSUOĞLU ÇELİKYURT F. İ., ERDEN B. F.  
EBPS-EBBS Biennial Meeting of the European Behavioural Pharmacological Society, Verona, Italy, 12 - 15 September 2015
- LIV. **Quetiapine and aripiprazole upregulate FGF2 Synapsin and NGF expression in the hippocampus of naive mice**  
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MUTLU O., ULAK G., KOMSUOĞLU ÇELİKYURT F. İ., YILDIZ AKAR F., ERDEN B. F., TANYERİ P.  
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- LVI. **Effects of adipokinetic hormones on neurogenesis and neurodegeneration**  
KÖKTÜRK S., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F., KOMSUOĞLU ÇELİKYURT F. İ.  
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EBBS-EBPS, Verona, Italy, 12 - 15 September 2015
- LIX. **Use of chronically administered adipokinetic hormone in depression, anxiety and pain**  
MUTLU O., ULAK G., GUMUSLU E., Celikyurt I. K., AKAR F., ERDEN F., Tanyeri P.  
28th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Amsterdam, Netherlands, 29 August - 01 September 2015, vol.25
- LX. **Effects of atypical antipsychotics on emotional memory and locomotion: altered gene expression levels of BDNF and CREB in the hippocampus of mice**  
GUMUSLU E., MUTLU O., ULAK G., Uyar E., TATAR O. C., Celikyurt I. K., AKAR F., ERDEN F.  
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- LXI. **Effects of second generation antipsychotics on neurogenesis and neurodegeneration in dentate gyrus of the hippocampus**  
KÖKTÜRK S., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F., KOMSUOĞLU ÇELİKYURT F. İ., BEKTAŞ E., TANYERİ P.  
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KÖKTÜRK S., YILDIZ AKAR F., MUTLU O., ULAK G., ERDEN B. F., KOMSUOĞLU ÇELİK YURT F. İ.  
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EBBS-EBPS JOİNT MEETING, Verona, Italy, 12 - 15 September 2015
- LXIV. **Superior effect of quetiapine compared to aripiprazole and iloperidon on MK 801 induced olfactory memory impairment in female mice**  
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GÜMÜŞLÜ K. E., MUTLU O., ULAK G., UYAR E., TATAR O. C., KOMSUOĞLU ÇELİK YURT F. İ., YILDIZ AKAR F., ERDEN B. F.  
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- LXVIII. **Homeopatinin Etkinliğinin Hayvanlarda Kanıtlanmasına Dair Bir Çalışma Farelerde ağrı ve Davranış Modellerinde Anax İmperator**  
MUTLU O.  
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- LXIX. **Chronic exenatide treatment exerts anxiolytic and antidepressant like effects and reverses the neuropathy in diabetic mice model**  
MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., ULAK G., BEKTAŞ E., YILDIZ AKAR F., ERDEN B. F., TARKUN İ.  
27th ECNP Congress of Applied and Translational Neuroscience, Berlin, Germany, 18 - 21 November 2014, pp.111
- LXX. **Asenapine and paliperidon improve MK 801 induced memory deterioration in morris water maze test in mice**  
BEKTAŞ E., ULAK G., MUTLU O., KOMSUOĞLU ÇELİK YURT F. İ., YILDIZ AKAR F., ERDEN B. F.  
27th ECNP Congress of Applied and Translational Neuroscience, Berlin, Germany, 18 - 21 October 2014, pp.38
- LXXI. **Asenapine and paliperidon exert antidepressant and anxiolytic like effects in mice**  
MUTLU O., ULAK G., KOMSUOĞLU ÇELİK YURT F. İ., YILDIZ AKAR F., BEKTAŞ E., TANYERİ P.  
27th ECNP Congress of Applied and Translational Neuroscience, Berlin, Germany, 18 - 21 October 2014, pp.35
- LXXII. **Chronic exenatide treatment exerts anxiolytic- and antidepressant-like effects and reverses the neuropathy in a diabetic mice model**  
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MUTLU O., ULAK G., Celikyurt I., AKAR F., BEKTAS E., Tanyeri P.  
27th ECNP Congress, Berlin, Germany, 18 - 21 October 2014, vol.24
- LXXIV. **Chronic exenatide treatment reverses the impaired spatial and emotional memory functions of type-2 diabetic mice**  
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2014, vol.24

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BEKTAS E., ULAK G., MUTLU O., Celikyurt I., AKAR F., ERDEN F.  
27th ECNP Congress, Berlin, Germany, 18 - 21 October 2014, vol.24
- LXXVI. **Effects of asenapine and paliperidon on MK 801 induced memory deterioration in passive avoidance and elevated plus maze tests in mice**  
ULAK G., MUTLU O., YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., ERDEN B. F.  
17th World Congress of Basic & Clinical Pharmacology, Cape-Town, South Africa, 13 - 18 July 2014, pp.616
- LXXVII. **Effects of ziprasidone SCH 23390 and SB 277011 on spatial memory in the Morris water maze test in naive and MK 801 treated mice**  
TANYERİ P., BÜYÜKOKUROĞLU M. E., MUTLU O., YILDIZ AKAR F., ULAK G., KOMSUOĞLU ÇELİKYURT F. İ., ERDEN B. F.  
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- LXXVIII. **Effects of asenapine and paliperidon on MK 801 induced memory deterioration in radial arm maze in mice**  
MUTLU O., ULAK G., BEKTAŞ E., KOMSUOĞLU ÇELİKYURT F. İ., YILDIZ AKAR F., TANYERİ P., ERDEN B. F.  
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- LXXIX. **Ziprasidon un farelerde Morris su tankı testinde uzaysal bellek üzerine etkileri**  
TANYERİ P., BÜYÜKOKUROĞLU M. E., MUTLU O., ULAK G., YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., ERDEN B. F.  
22. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2013
- LXXX. **Novel Molecular Approach for detecting the changes in mice heart after rolipram treatment via FTIR spectroscopy**  
KOMSUOĞLU ÇELİKYURT F. İ., TÜRKER KAYA S., ÇELİKYURT Y. U., MUTLU O., GÜMÜŞLÜ K. E., YILDIZ AKAR F., URAL D.  
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- LXXXI. **Anxiolytic like effect of beta receptor agonist Amibegron SR 58611A which may be related to interaction of serotonin receptor subtypes**  
TANYERİ P., BÜYÜKOKUROĞLU M. E., MUTLU O., ULAK G., YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., ERDEN B. F.  
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- LXXXII. **Antidepressant-like activity of agomelatine in the mouse unpredictable chronic mild stressed model**  
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- LXXXIII. **Tianeptin ve olanzepinin öngörülemez kronik hafif stres uygulanan farelerde öğrenme ve bellek üzerine etkilerinin gen düzeyinde araştırılması**  
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- LXXXVI. **Effects of haloperidol on learning and memory in naive and MK 801 injected mice in the passive avoidance and elevated plus maze tests**  
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25TH ECNP Congress, Viyana, Austria, 13 - 17 October 2012



- LXXXVII. **Deney hayvanlarında psikolojik travma modelleri**  
MUTLU O.  
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- LXXXVIII. **The antidepressant agomelatine improves unpredictable chronic mild stress-induced memory deterioration in mice**  
ULAK G., MUTLU O., Celikyurt I. K., AKAR F., ERDEN F.  
25th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Austria, 13 - 17 October 2012, vol.22
- LXXXIX. **Effects of haloperidol on memory in naive and MK-801-injected mice in passive avoidance and elevated plus maze tests**  
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25th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Austria, 13 - 17 October 2012, vol.22
- XC. **Effect of haloperidol on MK-801-induced memory deterioration in the Morris water maze and radial-arm maze tests in mice**  
MUTLU O., ULAK G., KOMSUOĞLU ÇELİKYURT F. İ., YILDIZ AKAR F., DEMİRTAŞ ŞAHİN T., BEKTAŞ E., ERDEN B. F.  
6th European Congress of Pharmacology, 17 - 20 July 2012
- XCI. **Effects of homeopathic remedy dragonfly anax imperator on depression anxiety analgesia and locomotion in mice**  
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MUTLU O., ULAK G., KOMSUOĞLU ÇELİKYURT F. İ., YILDIZ AKAR F., DEMİRTAŞ ŞAHİN T., BEKTAŞ E., ERDEN B. F.  
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MUTLU O., YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., ERDEN B. F.  
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- XCVII. **Tianeptin ve olanzapinin öngörülemez kronik hafif stresle indüklenen depresyon üzerine etkileri**  
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- XCIX. **Rolipramın farelerde yükseltilmiş artı labirent ve yeni obje tanıma testlerinde öğrenme ve bellek üzerine etkileri**  
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- CIII. **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., KOMSUEĞLU ÇELİKURU F. İ., ULAK G., ERDEN B. F.  
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- CIV. **The Investigation of the Molecular Effects of ZAP and ODQ on Rat Brain by FTIR Spectroscopy**  
TÜRKER KAYA S., MUTLU O., KOMSUEĞLU ÇELİKURU F. İ., GÜMÜŞLÜ K. E., YILDIZ AKAR F., ERDEN B. F., ULAK G.  
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24th Congress Meeting of European-College-of-Neuropsychopharmacology, Paris, France, 3 - 07 September 2011, vol.21
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PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, Journal Indexed in SCI-E, June 2013

PHARMACEUTICAL BIOLOGY, Journal Indexed in SCI-E, February 2013

African Journal of Pharmacy and Pharmacology , Other Indexed Journal, February 2013

drug research, Journal Indexed in ESCI, September 2012

NEUROPHARMACOLOGY, Journal Indexed in SCI-E, May 2012

PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, Journal Indexed in SCI-E, March 2012

PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, Journal Indexed in SCI-E, May 2011

JOURNAL OF AFFECTIVE DISORDERS, Journal Indexed in SCI-E, June 2010

JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY, Journal Indexed in SCI-E, June 2009



## Mobility Activity

Post Doc, Post Doc, Charles University, Czech Republic, 2017 - 2018

Post Doc, Post Doc, Charles University, Czech Republic, 2016 - 2016

Other, Get Education, Université François-Rebelais: Tours, France, 2006 - 2007

## Metrics

Publication: 264

Citation (WoS): 929

Citation (Scopus): 1115

H-Index (WoS): 18

H-Index (Scopus): 20

## Congress and Symposium Activities

31. ECNP kongresi, Working Group, Barcelona, Spain, 2018

BIT's 15th Annual Congress of International Drug Discovery Science and Technology - IDDST Japan 2017, Invited

Speaker, Osaka, Japan, 2017

IDDST-Japan 2017, Working Group, Osaka, Japan, 2017

30. CINP World kongresi, Working Group, Seoul, South Korea, 2016

EBPS Meting, Working Group, Verona, Italy, 2015

28. ECNP kongresi, Working Group, Amsterdam, Netherlands, 2015

3rd International Homeopathy Congress, Invited Speaker, İstanbul, Turkey, 2015

3.uluslararası homeopati konferansı, Working Group, İstanbul, Turkey, 2015

9th FENS, Working Group, Milan, Italy, 2014

Symposium on Pharmacoeconomics: Basic principles and valuation of health states, Working Group, İstanbul, Turkey, 2013

11. Ulusal Sinir Bilim Kongresi, Working Group, İzmir, Turkey, 2013

1. Uluslar arası Homeopati Konferansı, Working Group, İstanbul, Turkey, 2013

48. Ulusal PsikiyatriKongresi, Panelists, Bursa, Turkey, 2012

48. Ulusal Psikiyatri Kongresi, Panelists, Bursa, Turkey, 2012

6th EPHAR, European Pharmacology 2012, Working Group, Granada, Spain, 2012

21. Farmakoloji Eğitiminde Kuşaklarası Bilimsel Etkileşme Semineri, Dr. Nejat F. Eczacıbaşı Toplantısı, Working Group, Kayseri, Turkey, 2012

21. Ulusal Farmakoloji Kongresi, Working Group, Eskişehir, Turkey, 2011

14. Behavioural Pharmacology" Kongresi , Working Group, Amsterdam, Netherlands, 2011

10th World Biological Psychiatry" Kongresi , Working Group, Praha, Czech Republic, 2011

10. Ulusal Sinirbilim Kongresi, Working Group, İstanbul, Turkey, 2011

IUPHAR, World Pharmacology" Kongresi , Working Group, Kobenhavn, Denmark, 2010

19.Farmakoloji Eğitiminde Kuşaklarası Bilimsel Etkileşme Semineri, Working Group, Bursa, Turkey, 2010

20. Ulusal Farmakoloji Kongresi, Working Group, Antalya, Turkey, 2009

22. ECNP kongresi, Working Group, İstanbul, Turkey, 2009

9th World Biological Psychiatry" Kongresi , Working Group, Paris, France, 2009

Euron Workshop, Drugs and the Brain, workshop, Working Group, Braga, Portugal, 2009

EPHAR, European Pharmacology 2008, Working Group, Manchester, United Kingdom, 2008

I. Ulusal Farmakovijilans Kongresi, Working Group, Hatay, Turkey, 2008

VII. Ulusal Sinirbilimleri Kongresi, Working Group, Adana, Turkey, 2008

19. Ulusal Farmakoloji Kongresi, Working Group, Trabzon, Turkey, 2007

12th Behavioural Pharmacology” Kongresi , Working Group, Stuttgart, Germany, 2007

18. Ulusal Farmakoloji Kongresi, Working Group, İzmir, Turkey, 2005

## Invited Talks

Gebelik ve Akciğer Hastalıkları Kursu. Gebelik ve Emzirme Döneminde İlaç Etkileşimleri (Teratojen ve Süte Geçen), Conference, 24.Yıllık Ulusal Toraks Kongresi, Turkey, November 2021

Effects of the adipokinetic hormone/red pigment-concentrating hormone (AKH/RPCH) family of peptides on rat schizophrenia models, Conference, Pharma R&D-2020, United States Of America, February 2020

Behavioural Effects of Adipokinetic Hormone/Red Pigment-Concentrating Hormone (AKH/RPCH) Family of Peptides in Mice., Conference, BIT's 15th Annual Congress of International Drug Discovery Science and Technology - IDDST Japan 2017, Japan, July 2017

A study to prove the effectiveness of homeopathy in animals: Anax İmperator in behavioural and analgesy models in mice, Conference, 3rd International Homeopathy Congress, İstanbul University Congress Center, Turkey, April 2015

## Awards

Mutlu O., CDE Grant 2018 (Antidepressant effect of adipokinetic hormone/red pigment-concentrating hormone family of peptides in olfactory bulbectomy model of rats), 31. Ecnp Congress, October 2018

Mutlu O., CDE Grant 2015 (Use of chronically administered adipokinetic hormone in depression, anxiety and pain), 28Th Ecnp Congress, August 2015

Komsuoğlu Çelikyurt F. İ., Mutlu O., CDE grant 2014 (. Chronic exenatide treatment reverses the impaired spatial and emotional memory functions of type-2 diabetic mice), 27Th Ecnp Congress, October 2014

Tanyeri P., Mutlu O., En iyi 3. poster ödülü, 46. Drug Information Association, Boston, June 2013

Mutlu O., R. Kazım Türker 2011 Yılı Genç Farmakolog Teşvik Ödülü, Türk Farmakoloji Derneği, March 2012

Mutlu O., 2011 Bilimsel Başarı Ödülü, Kocaeli Üniversitesi, May 2011

## Artworks

Mutlu O., Dijital müzik albümü, Electronic Music, Original Works, January 2015

## Non Academic Experience

Kocaeli Üniversitesi

Charles Üniversitesi, Tıp Fakültesi, 3. Fakültesi, Psikiyatri Bölümü, Ulusal Zihin Sağlığı Enstitüsü

François Rabelais Üniversitesi Psikobiyoloji Laboratuvarı Tours/Fransa