

Prof. OĞUZ MUTLU

Personal Information

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Education Information

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

Under Graduate, Kocaeli Üniversitesi, 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 Bölümü, 2013 - 2019

Assistant Professor, Kocaeli Üniversitesi, Tıp Fakültesi, 2011 - 2013

Lecturer, Kocaeli Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2010 - 2011

Expert, Kocaeli Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2008 - 2010

Research Assistant, Kocaeli Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 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, Under Graduate, 2018 - 2019
Tıp Dönem III Farmakoloji, Under Graduate, 2018 - 2019
Hemşirelik 2. sınıf Farmakoloji, Under Graduate, 2016 - 2017
Rasyonel Farmakoterapi Stajı, Under Graduate, 2016 - 2017

Advising Theses

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, 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

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

- I. **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 (Journal Indexed in SCI Expanded)
- II. **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 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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., Yildiz D. K. , Güzel N., Dillioğlugil Ö.
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.50, pp.1417-1425, 2018 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **Effects of long-term treatment with haloperidol, clozapine and aripiprazole on mice isolated vas deferens**
Tanyeri M. H. , Buyukokuroglu M. E. , Tanyeri P., Mutlu O., Akar F., Ulak G., Erden B. F.
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.49, pp.1561-1567, 2017 (Journal Indexed in SCI)

- VII. **Effects of Acute Administration of Adipokinetic Hormone on Depression, Anxiety, Pain, Locomotion and Memory in Mice**
MUTLU O., ULAK G., Akar F., Erden F., Celikyurt I. K. , Bektas E., Tanyeri P., Kaya H.
CHINESE JOURNAL OF PHYSIOLOGY, vol.60, no.2, pp.106-113, 2017 (Journal Indexed in SCI)
- VIII. **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, 2016 (Journal Indexed in SCI)
- IX. **Exenatide enhances cognitive performance and upregulates neurotrophic factor gene expression levels in diabetic mice**
Gumuslu E., Mutlu O., Celikyurt I. K. , Ulak G., Akar F., Erden F., Ertan M.
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.30, pp.376-384, 2016 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **Tianeptine, olanzapine and fluoxetine show similar restoring effects on stress induced molecular changes in mice brain: An FT-IR study**
Turker-Kaya S., Mutlu O., Celikyurt I. K. , Akar F., Ulak G.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.161, pp.178-185, 2016 (Journal Indexed in SCI)
- XII. **Effects of chronic administration of adipokinetic and hypertrehalosemic hormone on animal behavior, BDNF, and CREB expression in the hippocampus and neurogenesis in mice**
MUTLU O., Gumuslu E., Kokturk S., ULAK G., Akar F., Erden F., KAYA H., Tanyeri P.
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.30, no.1, pp.4-13, 2016 (Journal Indexed in SCI)
- XIII. **Effects of a dragonfly (Anax i.) homeopathic remedy on learning, memory and cell morphology in mice**
Mutlu O., Ulak G., Kokturk S., Celikyurt I. K. , Tanyeri P., Akar F., Erden F.
HOMEOPATHY, vol.105, pp.96-101, 2016 (Journal Indexed in SCI)
- XIV. **Effects of ziprasidone, SCH23390 and SB277011 on spatial memory in the Morris water maze test in naive and MK-801 treated mice**
Tanyeri,Tanyeri P., Buyukokuroglu M. E. , Mutlu O., Ulak G., Akar F., Celikyurt I. K. , Erden B. F.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.138, pp.142-147, 2015 (Journal Indexed in SCI)
- XV. **Effects of homeopathic Anax imperator on behavioural and pain models in mice**
MUTLU O., ULAK G., Kokturk S., Celikyurt I. K. , Akar F., Erden F.
HOMEOPATHY, vol.104, no.1, pp.15-23, 2015 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **Zaprinast and rolipram enhances spatial and emotional memory in the elevated plus maze and passive avoidance tests and diminishes exploratory activity in naive mice**
Akar F., MUTLU O., Komsuoglu Celikyurt I., ULAK G., Erden F., BEKTAŞ E., TANYERİ P.
Medical science monitor basic research, vol.20, pp.105-111, 2014 (Journal Indexed in SCI Expanded)
- XVIII. **Sildenafil enhances locomotor activity in young mice and exerts anxiogenic effects in both young and aged mice.**
DEMİRCİ D., MUTLU O., Akar F., Komsuoglu Celikyurt I., ULAK G.
Medical science monitor basic research, vol.20, pp.15-21, 2014 (Journal Indexed in SCI Expanded)
- XIX. **Exenatide treatment exerts anxiolytic- and antidepressant-like effects and reverses neuropathy in a**

mouse model of type-2 diabetes

Komsuoglu Celikyurt I., MUTLU O., ULAK G., Uyar E., Bektaş E., YILDIZ AKAR F., Erden F., Tarkun I.
Medical science monitor basic research, vol.20, pp.112-117, 2014 (Journal Indexed in SCI Expanded)

- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in 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 (Journal Indexed in SCI)
- 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., Bektaş E., Demirtaş Şahin T., Kir H., Musul M. M. , Erden F.
DRUG DEVELOPMENT RESEARCH, vol.74, pp.203-215, 2013 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- XXV. **5 HT1 and 5HT2 receptors are involved in the anxiolytic like effects of TRIM in the rat**
TANYERİ P., MUTLU O., ULAK G., YILDIZ AKAR F., KOMSUOĞLU ÇELİK YURT F. İ. , ERDEN B. F.
Drug Development Research, vol.74, pp.242-251, 2013 (Journal Indexed in SCI Expanded)
- XXVI. **Antidepressant like activity of agomelatine in the mouse unpredictable chronic mild stress model**
MUTLU O., GÜMÜŞLÜ K. E. , ULAK G., KOMSUOĞLU ÇELİK YURT F. İ. , YILDIZ AKAR F., BEKTAŞ E., DEMİRTAŞ ŞAHİN T., HALE MARAL K., MUSUL M. M. , ERDEN B. F.
Drug Development Research, vol.74, pp.203-215, 2013 (Journal Indexed in 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in 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 (Journal Indexed in 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., TANYERİ P., Komsuoglu F. İ. , Akar F., ERDEN B. F.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.95, no.3, pp.308-314, 2010 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in 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. , TANYERİ P., ERDEN B. F.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.90, no.4, pp.563-568, 2008 (Journal Indexed in SCI)

- XLVII. **5-HT1 and 5-HT2 receptors are involved in the anxiolytic-like effects of TRIM in the rat**
Tanyeri P., MUTLU O., Akar F., Erden F., ULAK G.
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.22, pp.66, 2008 (Journal Indexed in SCI)
- XLVIII. **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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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.
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.56, pp.276-281, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **KORONAVİRÜS HASTALIĞI (COVID-19) TEDAVİSİNDE KULLANILAN İLAÇLAR**
Erden B. F. , Mutlu O.
Kocaeli Üniversitesi Sağlık Bilimleri Dergisi, vol.6, no.3, pp.167-173, 2020 (National Refreed University Journal)
- II. **Effects of Olanzapine and Clozapine on Depression and Anxiety in Mice: Alterations in Brain Neurotrophic Factor Expression Levels**
Gumuslu E., Mutlu O.
JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM, vol.9, pp.97-101, 2019 (Journal Indexed in ESCI)
- III. **Effects of Haloperidol, Asenapine and Paliperidone on MK-801-Induced Memory Deterioration in Morris Water Maze and Radial Arm Maze Tests in Mice**
MUTLU O., Kara M. Y. , Tanyeri P., Akar F., ULAK G., Erden F.
INTERNATIONAL JOURNAL OF MEDICAL RESEARCH & HEALTH SCIENCES, vol.8, no.7, pp.111-121, 2019 (Journal Indexed in ESCI)
- IV. **Evaluation of The Effects of Desipramine, Venlafaxine And Bupropion on Depression and Anxiety in Mice By Forced Swimming Test and Elevated Plus Maze Test.**
Tanyeri M. H. , Büyükokuroğlu M. E. , Tanyeri P., Mutlu O., Ulak G., Yıldız Akar F., Erden B. F.
Sakarya Med J, vol.8, pp.820-829, 2018 (Refereed Journals of Other Institutions)
- V. **Desipramin, venlafaksin ve bupropionun farelerdeki depresyon ve anksiyete üzerine etkilerinin zorunlu yüzme testi ve yükseltilmiş artı labirent testi ile değerlendirilmesi**
Tanyeri M. H. , Büyükokuroğlu M. E. , Tanyeri P., Mutlu O., Yıldız Akar F., Ulak G., Erden B. F.
Sakarya Medical Journal, vol.8, pp.820-829, 2018 (Refereed Journals of Other Institutions)
- VI. **Effects of adipokinetic hormone/red pigment concentrating hormone (AKH/RPCH) family of peptides on uterine contraction**
Mutlu O., Tanyeri P., Akdemir N., Büyükokuroğlu M. E. , Yıldız Akar F., Ulak G., Erden B. F.
International Journal of Medical Research Health Sciences 2018,, vol.7, pp.32-36, 2018 (Journal Indexed in ESCI)
- VII. **The influence of atypic antipsychotic drugs on vas deferens in mice.**
Tanyeri M. H. , Büyükokuroğlu M. E. , Tanyeri P., Mutlu O., Yıldız Akar F., Ulak G., Erden B. F.
International Journal of Medical Research Health Sciences, vol.7, pp.1-7, 2018 (Refereed Journals of Other Institutions)
- VIII. **The Influence of Atypical Antipsychotic Drugs on Vas Deferens in Mice**
Tanyeri M. H. , Buyukokuroglu M. E. , Tanyeri P., Mutlu O., Akar F., Ulak G., Erden B. F.

INTERNATIONAL JOURNAL OF MEDICAL RESEARCH & HEALTH SCIENCES, vol.7, pp.32-38, 2018 (Journal Indexed in ESCI)

- IX. **Effects of Adipokinetic Hormone/Red Pigment-Concentrating Hormone (AKH/RPCH) Family of Peptides on Uterine Contraction**
MUTLU O., Tanyeri P., Akdemir N., Buyukokuroglu M. E. , Akar F., ULAK G., ERDEN F.
INTERNATIONAL JOURNAL OF MEDICAL RESEARCH & HEALTH SCIENCES, vol.7, no.6, pp.63-67, 2018 (Journal Indexed in ESCI)
- X. **Oral Kontraseptiflerin Terapötik Etkisini Değiştiren İlaç Etkileşmeleri.**
MUTLU O.
Türkiye Klinikleri J Pharmacol, vol.5, pp.195-197, 2017 (Other Refereed National Journals)
- XI. **Superior effects of quetiapine compared with aripiprazole and iloperidone on MK-801-induced olfactory memory impairment in female mice**
Mutlu A., Mutlu O., Ulak G., Akar F., Kaya H., Erden B. F. , Tanyeri P.
BIOMEDICAL REPORTS, vol.6, pp.567-570, 2017 (Journal Indexed in ESCI)
- XII. **The Effects of Smoking on the Prostates of Rats which are Exposed to Cigarette Smoke**
TANYERİ M. H. , ACAR O., Tanyeri P., MUTLU O., AKAR F., YILDIZ K., GOKALP A.
INTERNATIONAL JOURNAL OF MEDICAL RESEARCH & HEALTH SCIENCES, vol.6, no.10, pp.130-142, 2017 (Journal Indexed in ESCI)
- XIII. **Depresyon Anksiyete ve Bellek Çalışmaları ile ilişkili Deney Hayvanı Modelleri**
MUTLU O.
Türkiye Klinikleri J Pharmacol Special Topics, vol.4, pp.48-52, 2016 (National Non-Refereed Journal)
- XIV. **DeneySEL Şizofreni Modelleri**
MUTLU O., KAYA H.
Kocaeli Üniversitesi Sağlık Bilimleri Dergisi, vol.1, pp.12-20, 2015 (Other Refereed National Journals)
- XV. **7-NI and ODQ Disturbs Memory in the Elevated Plus Maze, Morris Water Maze, and Radial Arm Maze Tests in Mice.**
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- CXXIX. **Effects of resveratrol on learning and memory in rats**
Gacar M. N. , Mutlu O., Utkan T., Komsuoğlu Çelikyurt F. İ. , Göçmez S. S. , Ulak G.
16th World Pharmacology Congress (IUPHAR), Kobenhavn, Denmark, 17 - 23 July 2010
- CXXX. **Wag Rij Sıçanlarda Lamotrijinin Ön Uyarıcı Aracılı İnhibisyon Üzerine Etkisi**
KOMSUSOĞLU ÇELİKİYURT F. İ. , MUTLU O., YILDIZ AKAR F., ERDEN B. F. , ULAK G.
9. Ulusal Sinir Bilimleri Kongresi, İstanbul, Turkey, 13 - 17 April 2010
- CXXXI. **Investigation of effects of fluoxetine on unpredictable chronic mild stress induced changes of brain tissue by Fourier transform mid infrared spectroscopy**
TÜRKER KAYA S., MUTLU O., KOMSUSOĞLU ÇELİKİYURT F. İ. , GÜMÜŞLÜ K. E. , YILDIZ AKAR F., ERDEN B. F.
23rd ECNP Congress, Amsterdam, Netherlands, 28 August - 01 September 2010
- CXXXII. **Sertindol ve Klozapinin farelerde Morris su labirenti testinde öğrenme ve bellek üzerine etkileri**
MUTLU O., KOMSUSOĞLU ÇELİKİYURT F. İ. , ULAK G., YILDIZ AKAR F., ERDEN B. F.
20. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009
- CXXXIII. **Risperidonun yükseltilmiş artı labirent testinde bilişsel işlevler üzerine etkileri**
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20. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009
- CXXXIV. **Effects of olanzapine and sertindole on MK 801 induced visual memory deficit in mice**
MUTLU O., KOMSUSOĞLU ÇELİKİYURT F. İ. , ULAK G., ERDEN B. F. , YILDIZ AKAR F.
22th ECNP Congress, İstanbul, Turkey, 12 September 2009 - 16 September 2010
- CXXXV. **Effect of olanzapine on MK 801 induced impairment of memory in the radial arm maze test in mice**
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- CXXXVI. **Effects of sertindole on MK 801 induced impairment of memory in radial arm maze test**
KOMSUSOĞLU ÇELİKİYURT F. İ. , MUTLU O., ULAK G., ERDEN B. F.
9th World Congress of Biological Psychiatry, Paris, France, 28 June - 02 July 2009
- CXXXVII. **Effects of 1 2 Trifluoromethylphenyl imidazole TRIM on learning and memory in mice**
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- CXXXVIII. **Effects of olanzapine on learning and memory functions in mice**
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- CXXXIX. **The role of the serotonergic system in the antidepressant like effect of TRIM in the rat forced swimming test**
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- CXL. **The effect of the neuronal and inducible nitric oxide synthase inhibitor TRIM on depression in the unpredictable chronic mild stress model**
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- CXLI. **Effect of 7 nitroindazole on working memory of rats in three panel runway test**
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- CXLII. **5 HT1 and 5 HT2 receptors are involved in the anxiolytic like effects of TRIM in the rat**
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- CXLIII. **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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- CXLIV. **Anxiolytic like effects of Fluoxetine in the rat plus maze test**
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12th Biennial meeting of the European Behavioural Pharmacology Society, Tubingen, Germany, 31 August - 03 September 2007
- CXLV. **Effects of Citalopram and L NAME on reference and working memory of rats in the three panel runway**
MUTLU O., KOMSUOĞLU ÇELİKYURT F. İ. , ULAK G., YILDIZ AKAR F., GÖÇMEZ S. S.
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- CXLVI. **Effect of 7 Nitroindazole on memory retrieval in mice**
MUTLU O., ULAK G., BELZUNG C.
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- CXLVII. **Effect of 7 NI on reference memory assessed in rats by a three panel runway task**
KOMSUOĞLU ÇELİKYURT F. İ. , YILDIZ AKAR F., ULAK G., MUTLU O.
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- CXLVIII. **Neuronal NOS inhibitor 1 2 Trifluoromethylphenyl imidazole augment the effects of antidepressants acting via serotonergic system in the forced swimming test in rats**
YILDIZ AKAR F., ULAK G., MUTLU O., KOMSUOĞLU ÇELİKYURT F. İ. , ERDEN B. F. , UTKAN T., GACAR M. N.
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- CXLIX. **Effect of memantine on morphine psychal dependence in acute naloxone precipitated withdrawal**
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- CL. **Morfin bağımlı izole kobay ileumunda Naloksanla oluşturulan yoksunluğa Norharmanın etkisi**
Göçmez S. S. , Mutlu O., Feyza A., Utkan T.
18.Ulusal Farmakoloji Kongresi, İzmir, Turkey, 28 September - 01 October 2005
- CLI. **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

Expert Reports

- 27/12/2019 tarihli, 10660016/1368 sayılı yazıya istinaden "Deniz Tuna GAYRET" hakkında Bilirkişi Raporu
Mutlu O.
Kocaeli Üniversitesi Tıp Fakültesi Hastanesi, pp.1, Kocaeli, 2019

Supported Projects

MUTLU O., Project Supported by Higher Education Institutions, Adipokinetik Hormonunun Farelerde Skopolaminle Oluşturulmuş Alzheimer Modelinde Öğrenme-Bellek Üzerine Etkisi, 2019 - 2019

MUTLU O., Project Supported by Higher Education Institutions, Atipik ve yeni nesil antipsikotik ilaçların depresyon, anksiyete, ağrı üzerine etkileri; bu etkilerde rol oynayan moleküler faktörler (hipokampal nörotrofik faktörler olan BDNF, CREB, NGF, FGF2, FGF9, ve SYNAPSIN1 gen ekspresyonu)?in incelenmesi ve hücre yapısındaki değişikliklerin

FTIR düzeyinde araştırılması, 2014 - 2016

Komsuoğlu Çelikyurt F. İ. , Mutlu O., Project Supported by Higher Education Institutions, Glukagon benzeri peptid 1 GLP 1 analoglarının bilişsel fonksiyonlar üzerine etkilerinin etkilerinin araştırılması ve bu etkilerin gen ekspresyonu ve FTIR ile moleküler düzeyde incelenmesi, 2011 - 2013

Ulak G., Mutlu O., Project Supported by Higher Education Institutions, Antidepresan Agomelatin in kronik stresin neden olduğu bellek bozukluğu üzerine etkilerinin araştırılması, 2011 - 2013

Komsuoğlu Çelikyurt F. İ. , Mutlu O., Project Supported by Higher Education Institutions, Lamotrijin levitirasetam gabapentin gibi yeni nesil antiepileptik ilaçların öğrenme ve bellek üzerine etkileri, 2010 - 2012

Komsuoğlu Çelikyurt F. İ. , Mutlu O., Project Supported by Higher Education Institutions, Risperidonun sıçanlarda artı labirent pasif sakınma gibi testlerde öğrenme ve bellek üzerine etkilerinin araştırılması, 2010 - 2011

Mutlu O., Project Supported by Higher Education Institutions, Resveratrol ün sıçanlarda öğrenme bellek üzerine etkileri, 2009 - 2011

Mutlu O., Project Supported by Higher Education Institutions, Atipik antipsikotik ilaç ve antidepresan ilaçların öngörülemez kronik stres uygulanan veya hipokampal hasar oluşturulan farelerde depresyon ve bilişsel işlevler üzerine etkileri ve bu etkide rol oynayan nöromediatör ve moleküler faktörler, 2009 - 2011

Komsuoğlu Çelikyurt F. İ. , Mutlu O., Project Supported by Higher Education Institutions, Lamotrijinin absans epilepside oluşan önuyaran aracılı inhibisyon üzerine etkisi, 2009 - 2010

Ulak G., Mutlu O., Project Supported by Higher Education Institutions, Atipik antipsikotik ilaçların su labirenti ışımsal kollu labirent ve yeni obje tanıma testlerinde öğrenme ve bellek üzerine etkileri, 2008 - 2010

Mutlu O., Project Supported by Higher Education Institutions, Nöronal nitrik oksid sentaz inhibitörü 1 2

Trifluoromethylphenyl imidazole TRIM ün farelerde öğrenme bellek üzerine etkileri, 2007 - 2009

Ulak G., Mutlu O., Project Supported by Higher Education Institutions, Sitalopramın üç panelli pist ve pasif sakınma testinde öğrenme bellek üzerindeki etkilerinin araştırılması, 2007 - 2009

Tanyeri P., Mutlu O., Project Supported by Higher Education Institutions, Nöronal NOS inhibitörü 1 2

Trifluoromethylphenyl imidazol TRIM ün sıçanlarda depresyon ve anksiyete üzerine etkileri, 2006 - 2008

Patent

Mutlu O., ADİPOKİNETİK HORMON AİLESİNİNE AİT PEPTİTLERİN YENİ TERAPÖTİK KULLANIMLARI, Patent, CHAPTER A Human Needs, Initial Registration, 2020

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Mutlu O., ADİPOKİNETİK HORMON/KIRMIZI PİGMENT-KONSANTRE EDİCİ HORMON (AKH/RPCH) PEPTİT AİLESİNİN TERAPÖTİK KULLANIMI, Patent, CHAPTER A Human Needs, Initial Registration, 2018

Mutlu O., Yusufçuk homeopatik remedisinin kullanımı, Patent, CHAPTER A Human Needs, Initial Registration, 2017

Mutlu O., THERAPEUTIC USE OF ADIPOKINETIC HORMONE/RED PIGMENT-CONCENTRATING HORMONE (AKH/RPCH) FAMILY OF PEPTIDES, Patent, CHAPTER A Human Needs, Initial Registration, 2017

Memberships / Tasks in Scientific Organizations

Türk Farmakoloji Derneği, Member, 2005 - Continues

Scientific Refereeing

BRAIN AND BEHAVIOR, Journal Indexed in SCI-E, June 2020

BIOMEDICINE & PHARMACOTHERAPY, Journal Indexed in SCI-E, September 2019

BRAIN AND BEHAVIOR, Journal Indexed in SCI-E, June 2019

BIOMEDICINE & PHARMACOTHERAPY, Journal Indexed in SCI-E, March 2019

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PHARMACEUTICAL BIOLOGY, Journal Indexed in SCI-E, February 2018
PHARMACEUTICAL BIOLOGY, Journal Indexed in SCI-E, November 2017
SOMATOSENSORY AND MOTOR RESEARCH, Journal Indexed in SCI-E, October 2017
INTERNATIONAL JOURNAL OF NEUROSCIENCE, Journal Indexed in SCI-E, September 2017
ADVANCES IN MEDICAL SCIENCES, Journal Indexed in SCI-E, July 2017
INTEGRATION-THE VLSI JOURNAL, Journal Indexed in SCI-E, May 2017
ETHOLOGY ECOLOGY & EVOLUTION, Journal Indexed in SCI-E, November 2016
HORMONES AND BEHAVIOR, Journal Indexed in SCI-E, October 2016
BRAIN AND BEHAVIOR, Journal Indexed in SCI-E, July 2016
BALKAN MEDICAL JOURNAL, Journal Indexed in SCI-E, July 2016
Pathophysiology, Other journals, July 2016
DRUG AND CHEMICAL TOXICOLOGY, Journal Indexed in SCI-E, May 2016
iMedPub Acta Psychopathologica , Other Indexed Journal, February 2016
BEHAVIOURAL BRAIN RESEARCH, Journal Indexed in SCI-E, January 2016
SAUDI PHARMACEUTICAL JOURNAL, Journal Indexed in SCI-E, October 2015
PHARMACEUTICAL BIOLOGY, Journal Indexed in SCI-E, August 2015
BALKAN MEDICAL JOURNAL, Journal Indexed in SCI-E, August 2015
Drug Research , Other journals, May 2015
Zeitschrift für Naturforschung C , Other Indexed Journal, May 2015
Drug Research , Other Indexed Journal, February 2015
Drug Research , Journal Indexed in ESCI, April 2014
TOXICOLOGY AND INDUSTRIAL HEALTH, Journal Indexed in SCI-E, November 2013
Drug Research , Journal Indexed in ESCI, October 2013
TOXICOLOGY AND INDUSTRIAL HEALTH, Journal Indexed in SCI-E, August 2013
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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
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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

Edit 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

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Total Citations (WOS):695

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Invited Talks

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
Komsuođlu 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 ödölü, 46. Drug Information Association, Boston, June 2013
Mutlu O., R. Kazım Türker 2011 Yılı Genç Farmakolog Teşvik Ödölü, Türk Farmakoloji Derneđi, March 2012
Mutlu O., 2011 Bilimsel Başarı Ödölü, Kocaeli Üniversitesi, May 2011

Artworks

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