

# Prof. FERİDE İPEK KOMSUOĞLU ÇELİK YURT

## Personal Information

**Email:** ipek.komsuoglu@kocaeli.edu.tr

**Web:** <https://avesis.kocaeli.edu.tr/ipek.komsuoglu>

## International Researcher IDs

ORCID: 0000-0003-0895-3490

Publons / Web Of Science ResearcherID: F-7363-2018

Yoksis Researcher ID: 155522

## Education Information

Doctorate, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 2006 - 2009

Undergraduate, Kadir Has University, School Of Medicine, Tıp Pr., Turkey 1999 - 2005

## Certificates, Courses and Trainings

Health&Medicine, Cognitive Translational Behavioural Pharmacology Group, Semmelweis University, Semmelweis University, Farmakoloji Anabilim Dalı, 2017

Health&Medicine, Klinik Farmakoloji, Bazel Üniversitesi Farmakoloji Anabilim Dalı, İsviçre, 2016

Health&Medicine, Farmakoloji, Deneysel, Eberhard Karls University (Tübingen Üniversitesi), Hertie Institute for Clinical Brain Research, 2014

## Dissertations

Doctorate, Risperidon, ketiyapin ve ziprasidon gibi atipik antipsikotiklerin alkol yoksunluk sendromu üzerine etkileri, Kocaeli Üniversitesi, Tıp Fakültesi, Farmakoloji, 2009

## Academic Titles / Tasks

Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2020 - Continues

Associate Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2014 - Continues

Assistant Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2010 - 2013

Lecturer PhD, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2009 - 2010

## Courses

FARMAKOLOJİ, Undergraduate, 2016 - 2017

## Advising Theses

KOMSUOĞLU ÇELİK YURT F. İ., Yeni nesil antiepileptiklerin öğrenme ve bellek üzerine etkilerinin araştırılması,

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Kocaeli Üniversitesi, September, 2019

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

- I. **Antiviral treatment of COVID-19: An update.**  
Yavuz S., Komsuoğlu Çelikyurt F. İ.  
Turkish journal of medical sciences, vol.51, pp.3372-3390, 2021 (SCI-Expanded)
- II. **Availability, Use and Development of Animal Models for the Assessment of Drug-Drug Interactions and Safety of Direct Oral Anticoagulants**  
Komsuoğlu Celikyurt I.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.24, no.6, pp.917-923, 2018 (SCI-Expanded)
- III. **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)
- IV. **Inhibition of PDE4 by low doses of rolipram induces changes in lipid and protein components of mice heart**  
Turker-Kaya S., Celikyurt I. K., Celikyurt U., Kina A.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.37, no.1, pp.1-12, 2018 (SCI-Expanded)
- V. **Safety and Interactions of Direct Oral Anticoagulants with Antiarrhythmic Drugs**  
Celikyurt I., Meier C. R., Kuhne M., Schaer B.  
DRUG SAFETY, vol.40, pp.1091-1098, 2017 (SCI-Expanded)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)

- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **Evidence that the anxiolytic-like effects of the beta3 receptor agonist Amibegron involve serotonergic receptor activity**  
Tanyeri P., Buyukokuroglu M. E., Mutlu O., Ulak G., Akar F., Celikyurt I. K., Erden B. F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.110, pp.27-32, 2013 (SCI-Expanded)
- XVI. **The effects of tianeptine, olanzapine and fluoxetine on the cognitive behaviors of unpredictable chronic mild stress-exposed mice**  
Gumuslu E., MUTLU O., Sunnetci D., ULAK G., Celikyurt I., ÇİNE N., Akar F.  
Drug Research, vol.63, no.10, pp.532-539, 2013 (SCI-Expanded)
- XVII. **The effect of etanercept on aortic nitric oxide-dependent vasorelaxation in an unpredictable chronic, mild stress model of depression in rats**  
Bayramgürler D., Karson A., Yazır Y., Celikyurt I. K., Kurnaz S., Utkan T.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.710, no.1-3, pp.67-72, 2013 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **Effect of harmaline, an endogenous  $\beta$ -carboline, on learning and memory in rats**  
Celikyurt I. K., Utkan T., Göçmez S. S., Hudson A., Arıcıoğlu F.  
Pharmacology Biochemistry and Behavior, vol.103, pp.666-671, 2013 (SCI-Expanded)
- XXII. **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 Celikyurt F. İ., Erden B. F.  
DRUG DEVELOPMENT RESEARCH, vol.74, pp.242-251, 2013 (SCI-Expanded)
- XXIII. **Antidepressant like activity of agomelatine in the mouse unpredictable chronic mild stress model**  
Mutlu O., Gümüşlü K. E., Ulak G., Komsuoğlu Celikyurt 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)
- XXIV. **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)

- XXV. **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)
- XXVI. **Effects of Resveratrol on Ileal Smooth Muscle Reactivity in Polymicrobial Sepsis Model**  
GACAR N., GOCMEZ S. S., UTKAN T., GACAR G., KOMSUOGLU I., TUGAY M., UTKAN N. Z.  
JOURNAL OF SURGICAL RESEARCH, vol.174, pp.339-343, 2012 (SCI-Expanded)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **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., Komsuoğlu F. İ., Tanyeri P., Erden B. F.

PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.90, no.4, pp.563-568, 2008 (SCI-Expanded)

### **XL. Deficit on learning and working but not on reference memory in rats treated with harmaline**

Komsuoğlu F. İ., Göçmez S. S., Arıcıoğlu F., Utkan T.

FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.22, pp.51, 2008 (SCI-Expanded)

## **Articles Published in Other Journals**

### **I. The role of fetuin-A in vascular aging in the rat aorta**

Barış Ö., Gacar G., Yazır Y., Utkan T., Fındık O., Komsuoğlu Çelikyurt F. İ., Halbutoğulları Z. S.

Turkish journal of vascular surgery, vol.31, no.1, pp.39-43, 2022 (Peer-Reviewed Journal)

### **II. Pharmacological properties of nebivolol**

Komsuoğlu Çelikyurt F. İ.

updatesincardiology, vol.3, no.1, pp.7-14, 2019 (Peer-Reviewed Journal)

### **III. Audiogenic Seizures and Their Importance in Experimental Behavioral Studies A Review**

KOMSUOĞLU ÇELİK YURT F. İ.

Medical Science Review, vol.3, pp.110-118, 2016 (Peer-Reviewed Journal)

### **IV. 7-NI and ODQ Disturbs Memory in the Elevated Plus Maze, Morris Water Maze, and Radial Arm Maze Tests in Mice.**

Mutlu O., Akar F., Celikyurt I., Tanyeri P., Ulak G., Erden F.

Drug target insights, vol.9, pp.1-8, 2015 (Scopus)

### **V. Effects of Rolipram and Zaprinas on Learning and Memory in the Morris Water Maze and Radial Arm Maze Tests in Naive Mice**

Akar F., MUTLU O., Celikyurt I. K., ULAK G., Erden F., Bektas E., Tanyeri P.

DRUG RESEARCH, vol.65, no.2, pp.86-90, 2015 (ESCI)

### **VI. Zaprinas and rolipram enhances spatial and emotional memory in the elevated plus maze and passive avoidance tests and diminishes exploratory activity in naive mice.**

Akar F., MUTLU O., Komsuoğlu Celikyurt I., ULAK G., Erden F., BEKTAŞ E., TANYERİ P.

Medical science monitor basic research, vol.20, pp.105-11, 2014 (Scopus)

### **VII. Effects of zaprinast and rolipram on olfactory and visual memory in the social transmission of food preference and novel object recognition tests in mice.**

AKAR F., MUTLU O., Celikyurt I., BEKTAS E., TANYERİ M., ULAK G., TANYERİ P., ERDEN F.

Drug target insights, vol.8, pp.23-9, 2014 (Scopus)

### **VIII. Effects of 7-NI and ODQ on memory in the passive avoidance, novel object recognition, and social transmission of food preference tests in mice.**

Akar F., Mutlu O., Komsuoğlu Celikyurt I., Bektas E., Tanyeri P., Ulak G., Erden F.

Medical science monitor basic research, vol.20, pp.27-35, 2014 (Scopus)

### **IX. The Antidepressant Agomelatine Improves Memory Deterioration and Upregulates CREB and BDNF Gene Expression Levels in Unpredictable Chronic Mild Stress (UCMS)-Exposed Mice.**

GUMUSLU E., MUTLU O., SUNNETCI D., ULAK G., Celikyurt I., CINE N., AKAR F., SAVLI H., ERDEN F.

Drug target insights, vol.8, pp.11-21, 2014 (Scopus)

### **X. The Antidepressant Agomelatine Improves Memory Deterioration and Upregulates CREB and BDNF Gene Expression Levels in Unpredictable Chronic Mild Stress UCMS Exposed Mice**

GÜMÜŞLÜ K. E., MUTLU O., SÜNNETÇİ AKKOYUNLU D., ULAK G., KOMSUOĞLU ÇELİK YURT F. İ., ÇİNE N., SAVLI H., ERDEN B. F.

Drug Target Insights, 2014 (Scopus)

### **XI. Effects of zaprinast and rolipram on olfactory and visual memory in the social transmission of food preference and novel object recognition tests in mice 8 23 9 2014**

Yıldız Akar F., Mutlu O., Komsuoğlu Çelikyurt F. İ., Bektaş E., Mehmet Hanifi T., Ulak G., Erden B. F., Tanyeri P.

Drug Target Insights, vol.8, pp.23-29, 2014 (Scopus)

**XII. Thought-provoking molecules for drug discovery: antioxidants**

Komsuoğlu Çelikyurt F. İ.

Pharmaceutica Analytica Acta, vol.3, no.3, pp.2-7, 2013 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Stahl'ın Temel Psikofarmakolojisi-Nörobilimsel ve pratik uygulamalar**  
Komsuoğlu Çelikyurt F. İ.  
İstanbul Tıp Kitabevi, İstanbul, 2012
- II. **Effects of Antidepressants**  
Komsuoğlu Çelikyurt F. İ.  
Elsevier Science, Oxford/Amsterdam , Aachen, 2012
- III. **Chapter 7: New Approaches for the Therapy of Treatment Refractory Depression**  
Mutlu O., Ulak G., Komsuoğlu Çelikyurt F. İ., Yıldız Akar F., Erden B. F.  
in: Psychology selected papers, Gina Rossi, Editor, InTech Europe, New York, pp.107-128, 2012
- IV. **New Approaches for the Therapy of Treatment Refractory Depression**  
Mutlu O., Ulak G., Komsuoğlu Çelikyurt F. İ., Yıldız Akar F., Erden B. F.  
in: Psychology, Gina Rossi, Editor, InTech Europe, www.intechopen.com, InTech open science/open minds, New York, pp.107-128, 2012
- V. **Serotonin norepinephrine reuptake inhibitors.**  
KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., ULAK G.  
in: Effects of Antidepressants, Ru-Band Lu, Editor, InTech Europe, www.intechopen.com, InTech open science/open minds, pp.92-108, 2012
- VI. **Olgu dosyaları**  
UTKAN T., GÖÇMEZ S. S., GACAR M. N., KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., YILDIZ f.  
nobel, 2009

## Refereed Congress / Symposium Publications in Proceedings

- I. **MK-801 İLE İNDÜKLENMİŞ ŞİZOFRENİ MODELİNDE ADİPOKİNETİK HORMON/KIRMIZI PİGMENT KONSANTRE EDİCİ HORMON PEPTİT AİLESİNİN NÖROKİMYASAL ETKİLERİ**  
Çobantürk P., Başarır Bozkurt Ş. N., Mutlu O., Rodrigez D. B., Kacer D., Muhametaj F., Tanyeri P., Erden B. F., Komsuoğlu Çelikyurt F. İ., Akar F., et al.  
27.Ulusal,2.Uluslararası Farmakoloji Kongresi, Antalya, Turkey, 23 - 26 November 2023, pp.14-15
- II. **The Role of Fetuin-A in Vascular Ageing in a Rat Model**  
BARIŞ Ö., GACAR G., Ünal Halbutoğulları S. Z., FINDIK O., UTKAN KORUN Z. E., YAZIR Y., UTKAN T., KOMSUOĞLU ÇELİKYURT F. İ., BENLİ E. D.  
EJVES VASCULAR FORUM, 01 January 2022, vol.54, pp.56-57
- III. **INVESTIGATION OF THE RELATIONSHIP BETWEEN IRISIN LEVELS AND THE RESPONSE OF CARDIAC AND AORTIC TISSUES TO METFORMIN IN A RAT SENESCENCE MODEL**  
Barış Ö., Gacar G., Utkan Korun Z. E., Komsuoğlu Çelikyurt F. İ., Yazır Y., Utkan T.  
17th INTERNATIONAL CONGRESS OF UPDATE IN CARDIOLOGY AND CARDIOVASCULAR SURGERY, İzmir, Turkey, 5 - 07 November 2021, vol.9, no.1, pp.5-6
- IV. **Effects of metformin on learning and memory functions of young and aged rats**  
Barış Ö., Göçmez S. S., Komsuoğlu Çelikyurt F. İ., Utkan T.  
12 th International Congress on Psychopharmacology and 8th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 17 - 20 November 2021, pp.26-29
- V. **The role of fetuin-A in vascular aging in a rat model**

Barış Ö., Gacar G., Halbutoğulları Z. S., Fındık O., Utkan Korun Z. E., Yazır Y., Utkan T., Komsuoğlu Çelikyurt F. İ., Benli E.

The European Society for Vascular Surgery 2021, Rotterdam, Netherlands, 28 - 29 September 2021, pp.26

- VI. **The role of fetuin A in vascular aging in the rat aorta**  
BARIŞ Ö., GACAR G., HALBUTOĞULLARI Z. S., FINDIK O., UTKAN KORUN Z. E., YAZIR Y., UTKAN T., KOMSULOĞLU ÇELİKYURT F. İ., BENLİ E. D.  
The 35th ESVS Hybrid Annual Meeting, Rotterdam, Netherlands, Rotterdam, Netherlands, 28 September 2021
- VII. **THE ROLE OF FETUIN-A IN VASCULAR AGING IN THE RAT AORTA**  
Barış Ö., Gacar G., Halbutoğulları Ünal Z. S., Fındık O., Utkan Korun Z. E., Yazır Y., Utkan T., Komsuoğlu Çelikyurt F. İ., Benli E. D.  
The 35th ESVS Hybrid Annual Meeting, Rotterdam, Netherlands, Rotterdam, Netherlands, 28 - 29 September 2021, pp.1
- VIII. **COVID-19 Pandemisinin Tıp ve Sağlık Bilimleri Eğitim ve Araştırmalarına Etkisi**  
Komsuoğlu Çelikyurt F. İ., Erden B. F.  
COVID-19 Pandemisinde Araştırma-Yayın ve Eğitim süreçlerine Bakış Kongresi, İzmir, Turkey, 15 January 2021 - 16 January 2022, pp.1-2
- IX. **Protective Effects of Metformin on the Process of Atherosclerosis with Aging in the Rat Heart**  
Barış Ö., Duruksu G., Gacar G., Komsuoğlu Çelikyurt F. İ., Yazır Y., Utkan T.  
16th International Congress of Update in Cardiology and cardiovascular Surgery, Antalya, Turkey, 30 November - 01 December 2020
- X. **PROTECTIVE EFFECTS OF METFORMIN ON THE PROCESS OF ATHEROSCLEROSIS WITH AGING IN THE RAT HEART**  
barış ö., DURUKSU G., GACAR G., KOMSULOĞLU ÇELİKYURT F. İ., YAZIR Y., UTKAN T.  
16.INTERNATIONAL UCCVS CONGRESS, 30 November - 01 December 2020, vol.1, pp.643-644
- XI. **"Protective Effects of Metformin on the Process of Atherosclerosis with Aging in the Rat Heart**  
BARIŞ Ö., DURUKSU G., GACAR G., KOMSULOĞLU ÇELİKYURT F. İ., YAZIR Y., UTKAN T.  
16th International Congress of Update in Cardiology and Cardiovascular Surgery, Antalya, Turkey, 30 October - 01 November 2020, pp.643
- XII. **PROTECTIVE EFFECTS OF METFORMIN ON THE PROCESS OF ATHEROSCLEROSIS WITH AGING IN THE RAT HEART**  
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- LXXXIII. **Effects of zaprinast and rolipram on olfactory memory in the social transmission of food preference test in mice European behavioural pharmacological society**  
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- LXXXV. **EFFECTS OF 7-NI AND ODQ ON VISUALMEMORY IN THE NOVEL OBJECT RECOGNITION TEST IN MICE**  
MUTLU O., AKAR F., Celikyurt I. K., ULAK G., ERDEN F.  
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- LXXXVI. **EFFECTS OF ZAPRINAST AND ROLIPRAM ON OLFACTORY MEMORY IN THE SOCIAL TRANSMISSION OF FOOD PREFERENCE TEST IN MICE**  
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- LXXXVII. **EFFECTS OF 7-NI AND ODQ ON EMOTIONAL MEMORY IN THE PASSIVE AVOIDANCE TEST IN MICE**  
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- LXXXVIII. **EFFECTS OF OLANZAPINE AND FLUOXETINE ON UNPREDICTABLE CHRONIC MILD STRESS-INDUCED COGNITION DETERIORATION IN MICE**  
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- LXXXIX. **EFFECTS OF ZAPRINAST, ROLIPRAM, ODQ AND 7-NI ON EXPLORATORY ACTIVITY IN MICE**  
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- XC. **EFFECTS OF ZAPRINAST ON SPATIAL AND VISUAL MEMORY IN THE ELEVATED PLUS MAZE AND NOVEL OBJECT RECOGNITION TESTS IN MICE**  
MUTLU O., ULAK G., Celikyurt I. K., AKAR F., ERDEN F.  
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- XCI. **THE REVERSAL OF 7-NI-INDUCED MOLECULAR EFFECTS BY L-ARG IN RAT BRAIN IS SUPPORTED BY FTIR SPECTROSCOPY**  
MUTLU O., TURKER S., Celikyurt I. K., GUMUSLU E., AKAR F., ULAK G., ERDEN F.  
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- XCII. EFFECTS OF ZAPRINAST, ODQ AND 7-NI ON LOCOMOTION AND ANXIETY IN THE OPEN FIELD TEST IN MICE**  
MUTLU O., AKAR F., Celikyurt I. K., ULAK G., ERDEN F.  
14th Biennial Meeting of the European-Behavioural-Pharmacology-Society, Amsterdam, Netherlands, 26 - 29 August 2011, vol.22
- XCIII. Disturbing effects of spatial memory by ODQ and 7 NI in the Morris water maze test**  
MUTLU O., YILDIZ AKAR F., KOMSUDOĞLU ÇELİKYURT F. İ., ULAK G., ERDEN B. F.  
10th World Congress of Biological Psychiatry, Prag, Czech Republic, 29 May - 03 June 2011
- XCIV. Lamotrigine ameliorates learning and memory in morris water maze modified elevated plus maze and passive avoidance tests in naive mice**  
KOMSUDOĞLU ÇELİKYURT F. İ., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
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- XCIV. Effects of zaprinast on learning and memory in the Morris water maze and passive avoidance tests in naive mice**  
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- XCVI. Olanzapine prevents unpredictable chronic mild stress induced depressive effects in mice**  
MUTLU O., GÜMÜŞLÜ K. E., KOMSUDOĞLU ÇELİKYURT F. İ., ERDEN B. F., YILDIZ AKAR F., ULAK G.  
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- XCVII. Effects of tianeptine and fluoxetine on unpredictable chronic mild stress induced cognition deterioration in mice**  
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- XCVIII. A Promising Study to Investigate Mechanism of Action of Tianeptine on UCMS An FTIR Study**  
MUTLU O., TÜRKER KAYA S., KOMSUDOĞLU ÇELİKYURT F. İ., GÜMÜŞLÜ K. E., YILDIZ AKAR F., ERDEN B. F., ULAK G.  
10th World Congress of Biological Psychiatry, Prag, Czech Republic, 29 May - 03 June 2011
- XCIX. 7 NI ve ODQ nun farelerde yiyecek tercihinin sosyal geçişi testinde kokusal bellek üzerine etkileri**  
MUTLU O., YILDIZ AKAR F., KOMSUDOĞLU ÇELİKYURT F. İ., ULAK G., ERDEN B. F.  
10. Ulusal Sinir Bilimleri Kongresi, İstanbul, Turkey, 9 - 12 April 2011
- C. 7 NI ve ODQ nun farelerde ışınal kollu labirent testinde uzaysal bellek üzerine etkileri**  
KOMSUDOĞLU ÇELİKYURT F. İ., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
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- CI. The effects of olanzapine in unpredictable chronic mild stress model an FTIR spectroscopic study**  
Komsuoğlu İ., Gumuslu E., Türker S., Mutlu O., Yıldız F., Erden F.  
23. Congress Meeting of European College of Neuropsychopharmacology, Netherlands, 28 August 2010, vol.3, pp.499
- CII. Effects of olanzapine on structure and function of brain tissue biomolecules during unpredictable chronic mild stress an Fourier transform mid infrared spectroscopic study**  
KOMSUDOĞLU ÇELİKYURT F. İ., GÜMÜŞLÜ K. E., TÜRKER KAYA S., MUTLU O., YILDIZ AKAR F., ERDEN B. F.  
23rd ECNP Congress, Amsterdam, Netherlands, 28 August - 01 September 2010
- CIII. Effects of resveratrol on scopolamine and mecamlamine induced memory impairment in rats**  
GACAR N., UTKAN T., MUTLU O., Goecmez S. S., Celikyurt I. K., ULAK G.  
23rd Congress Meeting of European-College-of-Neuropsychopharmacology, Amsterdam, Netherlands, 28 August - 01 September 2010, vol.20
- CIV. Effects of clozapine and olanzapine on acquisition consolidation and retention of memory in elevated plus maze test in mice**  
MUTLU O., ULAK G., KOMSUDOĞLU ÇELİKYURT F. İ., YILDIZ AKAR F., ERDEN B. F.  
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- CV. Effects of risperidone on learning and memory in the Morris water maze and in passive avoidance tests in rats**  
KOMSUDOĞLU ÇELİKYURT F. İ., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.

- 16th World Pharmacology Congress (IUPHAR), Kopenhag, 17 - 23 July 2010
- CVI. The effect of resveratrol on ileal smooth muscle functional investigation in a rat sepsis model**  
Gacar M. N., Göçmez S. S., Gacar G., Komsuoğlu Çelikyurt F. İ., Mutlu O., Utkan T.  
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- CVII. Effect of 2 Iminobiotin and N Omega Propyl L Arginine on learning and memory in rats**  
UTKAN T., GÖÇMEZ S. S., KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., GACAR M. N., FEYZA A.  
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- CVIII. 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.  
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- CIX. Wag Rij Siçanlarda Lamotrijinin Ön Uyararı Aracılı İnhibisyon Üzerine Etkisi**  
KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., YILDIZ AKAR F., ERDEN B. F., ULAK G.  
9. Ulusal Sinir Bilimleri Kongresi, İstanbul, Turkey, 13 - 17 April 2010
- CX. Investigation of effects of fluoxetine on UCMS induced changes of brain tissue by FTIR spectroscopy**  
Turker S., Mutlu O., Komsuoğlu İ., Gumuslu E., Yıldız F., Erden F.  
23. Congress Meeting of European College of Neuropsychopharmacology, Germany, 28 August 2010, vol.20, pp.531-532
- CXI. Investigation of effects of fluoxetine on unpredictable chronic mild stress induced changes of brain tissue by Fourier transform mid infrared spectroscopy**  
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23rd ECNP Congress, Amsterdam, Netherlands, 28 August - 01 September 2010
- CXII. Risperidonun yükseltmiş artı labirent testinde bilişsel işlevler üzerine etkileri**  
KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., YILDIZ AKAR F., ULAK G., ERDEN B. F.  
20. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009
- CXIII. SEPTİK SIÇAN İLEUM DÜZ KAS YANITLARI VE TNF-A DÜZEYİ ÜZERİNE RESVERATROLÜN ETKİLERİ**  
GÖÇMEZ S. S., GACAR M. N., GACAR G., KOMSUOĞLU ÇELİKYURT F. İ., UTKAN T.  
20. ULUSAL FARMAKOLOJİ KONGRESİ, Antalya, Turkey, 04 November 2009, pp.328
- CXIV. Sertindol ve Klozapinin farelerde Morris su labirenti testinde öğrenme ve bellek üzerine etkileri**  
MUTLU O., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
20. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009
- CXV. Effect of olanzapine on MK 801 induced impairment of memory in the radial arm maze test in mice**  
KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.  
22th ECNP Congress, İstanbul, Turkey, 12 - 16 September 2009
- CXVI. Effects of olanzapine and sertindole on MK 801 induced visual memory deficit in mice**  
MUTLU O., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., ERDEN B. F., YILDIZ AKAR F.  
22th ECNP Congress, İstanbul, Turkey, 12 September 2009 - 16 September 2010
- CXVII. Effects of sertindole on MK 801 induced impairment of memory in radial arm maze test**  
KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., ULAK G., ERDEN B. F.  
9th World Congress of Biological Psychiatry, Paris, France, 28 June - 02 July 2009
- CXVIII. Effects of olanzapine on learning and memory functions in mice**  
KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., ULAK G., ERDEN B. F.  
Drugs and the brain:an update in psychopharmacology, Euron Workshop, Braga, Portugal, 9 - 13 February 2009
- CXIX. Effects of 1 2 Trifluoromethylphenyl imidazole TRIM on learning and memory in mice**  
MUTLU O., KOMSUOĞLU ÇELİKYURT F. İ., ULAK G., BELZUNG C.  
Drugs and the brain:an update in psychopharmacology, Euron Workshop, Braga, Portugal, 9 - 13 February 2009
- CXX. The effects of feeding on ileal smooth muscle reactivity after anastomosis, An in vitro study**  
TUGAY M., GÖÇMEZ S. S., YAZIR Y., KOMSUOĞLU ÇELİKYURT F. İ., ELEMEN L., ERKUŞ B., GACAR N., UTKAN T.  
7th Congress of the Mediterranean Association of Paediatric Surgery 2008, Tunus, Tunisia, 09 September 2008, pp.65
- CXXI. Effect of 7 nitroindazole on working memory of rats in three panel runway test**  
YILDIZ AKAR F., KOMSUOĞLU ÇELİKYURT F. İ., MUTLU O., ULAK G.

EPHAR 2008, Manchester, United Kingdom, 13 - 17 July 2008

**CXXII. The role of the serotonergic system in the antidepressant like effect of TRIM in the rat forced swimming test**

TANYERİ P., MUTLU O., YILDIZ AKAR F., KOMSULOĞLU ÇELİKİYURT F. İ., ULAK G.

EPHAR 2008, Manchester, United Kingdom, 13 - 17 July 2008

**CXXIII. Neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole augment the effects of antidepressants acting via serotonergic system in the forced swimming test in rats**

Akar F., ULAK G., MUTLU O., Komsuoglu F. İ., Erden F., UTKAN T., Gacar N.

12th Biennial Meeting of the European-Pharmacology-Society, Tubingen, Germany, 31 August - 03 September 2007, vol.18

**CXXIV. Effect of 7 NI on reference memory assessed in rats by a three panel runway task**

KOMSULOĞLU ÇELİKİYURT F. İ., YILDIZ AKAR F., ULAK G., MUTLU O.

12th Biennial meeting of the European Behavioural Pharmacology Society, Tubingen, Germany, 31 August - 03 September 2007

**CXXV. Effects of Citalopram and L NAME on reference and working memory of rats in the three panel runway**

MUTLU O., KOMSULOĞLU ÇELİKİYURT F. İ., ULAK G., YILDIZ AKAR F., GÖÇMEZ S. S.

12th Biennial meeting of the European Behavioural Pharmacology Society, Tubingen, Germany, 31 August - 03 September 2007

**CXXVI. 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., KOMSULOĞLU ÇELİKİYURT F. İ., ERDEN B. F., UTKAN T., GACAR M. N.

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## Supported Projects

KOMSULOĞLU ÇELİKİYURT F. İ., YAZIR Y., URAL D., GÜRSOY ÖZDEMİR Y., UTKAN T., GACAR G., DURUKSU G., Project Supported by Higher Education Institutions, KALP DOKUSUNDA YAŞLANMAYA BAĞLI PERİSİT FONKSİYONLARININ İMMÜNOHİSTOKİMYASAL OLARAK İNCELENMESİ, 2018 - 2019

KOMSULOĞLU ÇELİKİYURT F. İ., Project Supported by Higher Education Institutions, YENİ NESİL ANTİEPİLEPTİKLERİN FARELERDE ÖĞRENME VE BELLEK ÜZERİNE ETKİLERİNİN ARAŞTIRILMASI, 2015 - 2016

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

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

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

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

## Activities in Scientific Journals

Turkish Journal of Medical Sciences, Editor, 2020 - Continues

International Journal of Pharmacognosy & Chinese Medicine (IPCM), Committee Member, 2018 - 2019

Exploratory Research and Hypothesis in Medicine, Committee Member, 2018 - 2019



## Scientific Refereeing

Life Sciences, SCI Journal, October 2017  
Medical Science Monitor, SCI Journal, March 2017  
MEDICAL SCIENCE MONITOR, SCI Journal, March 2017  
MEDICAL SCIENCE MONITOR, SCI Journal, March 2017  
MEDICAL SCIENCE MONITOR, SCI Journal, January 2017  
MEDICAL SCIENCE MONITOR, SCI Journal, January 2016  
MEDICAL SCIENCE MONITOR, SCI Journal, January 2016  
PATHOPHYSIOLOGY OF HAEMOSTASIS AND THROMBOSIS, SCI Journal, January 2016  
MEDICAL SCIENCE MONITOR, SCI Journal, April 2015  
MEDICAL SCIENCE MONITOR, SCI Journal, April 2015  
MEDICAL SCIENCE MONITOR, SCI Journal, January 2015  
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MEDICAL SCIENCE MONITOR, SCI Journal, January 2015  
ARCHIV DER PHARMAZIE, SCI Journal, June 2013  
Arzneimittelforschung/Drug Research , Journal Indexed in ESCI, March 2013  
Pharmaceutical Biology , Journal Indexed in ESCI, February 2013  
Pharmaceutical Biology , Journal Indexed in ESCI, February 2013  
Pharmacological Reports , Journal Indexed in ESCI, January 2013  
Journal of Cell and Animal Biology , Journal Indexed in ESCI, January 2013

## Metrics

Publication: 185  
Citation (WoS): 812  
Citation (Scopus): 1043  
H-Index (WoS): 17  
H-Index (Scopus): 19

## Congress and Symposium Activities

Uzun Dönem Bakımda GETAT uygulamaları sempozyumu, Invited Speaker, Malatya, Turkey, 2021  
Klinik Araştırmalar Kursu, Invited Speaker, Kocaeli, Turkey, 2018  
Etik kurulların standardizasyonu çalıştayı, Panelists, Antalya, Turkey, 2017

## Awards

Barış Ö., Duruksu G., Gacar G., Komsuoğlu Çelikyurt F. İ., Yazır Y., Utkan T., The Best Oral Research Presentation 1st Award - Scholarship at the Heart Center of Ruhr University, Bochum-Germany, Türkiye Kalp Ve Sağlık Vakfı & 16.Uluslararası Kardiyoloji Ve Kardiyovasküler Cerrahide Yenilikler Kongresi 2020, November 2020  
Barış Ö., Duruksu G., Gacar G., Komsuoğlu Çelikyurt F. İ., Yazır Y., Utkan T., Protective Effects of metformin on the process of atherosclerosis with aging in the rat heart adlı çalışma ile En İyi Sözel Sunum 1. lik Ödülü, 16. International Congress Of Update İn Cardiology And Cardiovascular Surgery, November 2020  
KOMSUOĞLU ÇELİKYURT F. İ., Harvard T.H. Chan School of Public Health Hizmet Ödülü, Harvard T.H. Chan School of Public Health, January 2017

Komsuođlu elikyurt 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  
KOMSUSOĐLU ELİKYURT F. İ., CDE Grant 2014, 27th ECNP Congress, January 2014

## **Non Academic Experience**

Tübingen Üniversitesi