

Prof. GÜNER ULAK

Personal Information

Email: guner.ulak@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/guner.ulak>

International Researcher IDs

ORCID: 0000-0002-6132-6712

Publons / Web Of Science ResearcherID: F-5624-2018

Yoksis Researcher ID: 11979

Education Information

Doctorate, Dicle University, Institute Of Health Sciences, Farmakoloji (Dr), Turkey 1978 - 1983

Associate Degree, Istanbul University, Faculty Of Pharmacy , Eczacılık Pr., Turkey 1973 - 1977

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1978 - Continues

Academic and Administrative Experience

Kocaeli Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1997 - 2011

Dicle Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1994 - 1995

Advising Theses

ULAK G., Tavşanlarda deneysel olarak geliştirilen akut renal yetmezlikte EDRF aktivitesindeki değişiklik ve Allopurinol'ün etkisi, Doctorate, M.ERDİNÇ(Student), 1995

ULAK G., Normal deneklerde değişik kloramfenikol preparatlarının absorpsiyon özelliklerinin araştırılması, Postgraduate, G.AKTAY(Student), 1990

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **The effect of the neuronal and inducible nitric oxide synthase inhibitor TRIM on depression in the unpredictable chronic mild stress model**

Articles Published in Other Journals

- I. **Chronic Effects of Ziprasidone, Aripiprazole, Blonanserin, Cyamemazine, and Nemonapride on Mice Isolated Detrusor Smooth Muscle**
Tanyeri M. H., Büyükkuroğlu M. E., Tanyeri P., K. Kaya R., Başarır Bozkurt Ş., Mutlu O., Yıldız Akar F., Erden B. F., Ulak G.
Online Türk Sağlık Bilimleri Dergisi, vol.6, no.4, pp.210-220, 2021 (Peer-Reviewed Journal)
- II. **Effects of Cyamemazine, Blonanserin and Nemonapride on Mice Isolated Vas Deferens Contractility**
Tanyeri M. H., Büyükkuroğlu M. E., Tanyeri P., K. Kaya R., Başarır Ş., Mutlu O., Yıldız Akar F., Erden B. F., Ulak G.
Sakarya Tıp Dergisi, vol.11, no.4, pp.933-939, 2021 (Peer-Reviewed Journal)
- III. **Effects of Haloperidol, Asenapine and Paliperidone on MK-801-Induced Memory Deterioration in Morris Water Maze and Radial Arm Maze Tests in Mice**
MUTLU O., Kara M. Y., Tanyeri P., Akar F., ULAK G., Erden F.
INTERNATIONAL JOURNAL OF MEDICAL RESEARCH & HEALTH SCIENCES, vol.8, no.7, pp.111-121, 2019 (ESCI)
- IV. **Parkinson Tedavisi ve İlaç Etkileşimleri (derleme).**
ULAK G., GÜMÜŞLÜ K. E.
Türkiye Klinikleri J Pharmacol-Special Topics, vol.5, no.3, pp.154-160, 2017 (Peer-Reviewed Journal)
- V. **Parkinson tedavisi ve ilaç etkileşimleri (derleme)**
ULAK G., GÜMÜŞLÜ K. E.
Türkiye Klinikleri J Pharmacol, vol.5, no.3, pp.154-160, 2017 (Peer-Reviewed Journal)
- VI. **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)
- 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**
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)

Books & Book Chapters

- I. **V Kısım çeviri editörü "Klinik Farmakoloji Cilt 1**
Ulak G., Erden B. F.
in: Goldman s Cecil Medicine Elsevier Inc Philadelphia Cilt 1, L Goldman,A.I. Schafer Çeviri ed.:S Ünal, Editor, Güneş Tıp Kitabevleri, Ankara, pp.124-181, 2015
- II. **33. Bölüm ?Anemilere Karşı Kullanılan İlaçlar; Hematopoietik Büyüme Faktörleri**
MUTLU O., ULAK G.
in: Katzung Temel ve Klinik Farmakoloji, ed:Katzung B, Masters SB, Trevor AJKatzung (Twelfth ed.), Editor, Nobel tıp Kitabevi, 2014
- 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**
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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 ÇELİK YURT 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

Refereed Congress / Symposium Publications in Proceedings

- I. Antidepressant effect of adipokinetic hormone/red pigment-concentrating hormone family of peptides in olfactory bulbectomy model of rats**
MUTLU O., Kleteckova L., Horacek J., Holubova K., Palenicek T., ULAK G., Hoschl C., Vales K.
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29
- II. New approaches and new targets in the pharmacotherapy of Alzheimer's disease**
GÜMÜŞLÜ K. E., ULAK G.
Proceedings of 14th International Conference on Generic Drugs and Biosimilars and 9th Global Experts Meeting on Neuropharmacology, Berlin, Germany, 15 - 16 November 2018, vol.7, pp.48
- III. Effects of asenapine and paliperidone on cognition and locomotion: altered gene expression levels of BDNF and CREB in the hippocampus of mice**
Gumuslu E., MUTLU O., ULAK G., Akar F., Erden F.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.367-368
- IV. Effects of iloperidone and nemonaprid on depression anxiety like behaviour and locomotion Altered gene expression levels of FGF2 synapsin and NGF in the hippocampus of mice**
MUTLU O., GÜMÜŞLÜ K. E., ULAK G., YILDIZ AKAR F., ERDEN B. F., TANYERİ P.
CINP Word Congress, Seoul, South Korea, 3 - 05 July 2016, vol.19, pp.206
- V. The influence of risperidone and olanzapine on vas deferens in mice**
tanyeri m. h., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.
7th European Congress of Pharmacology (EPHAR), İstanbul, Turkey, 26 - 30 June 2016, pp.362
- VI. The influence of atypic antipsychotic drugs on vas deferens in mice**
Tanyeri M. H., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.
DIA 2016 52nd Annual Meeting Call for Professional Posters, United States Of America, 26 - 30 June 2016
- VII. Chronic effects of antipsychotics on vas deferens contractions in mice**
TANYERİ M. H., BÜYÜKOKUROĞLU M. E., TANYERİ P., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.
7th European Congress of Pharmacology (EPHAR), İstanbul, Turkey, 26 - 30 June 2016, pp.352
- VIII. Effects of retigabine and lacosamide on acquisition and retrieval of memory in naïve mice P122 pg 400 26 30 June**
Huseynova L., KOMSUOĞLU ÇELİK YURT F. İ., MUTLU O., ULAK G., YILDIZ AKAR F., ERDEN B. F.
7th European Congress of Pharmacology (EPHAR), 26 - 30 June 2016
- IX. 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.
7th European Congress of Pharmacology (EPHAR), 26 - 30 June 2016, pp.396
- X. Effects of Quetiapine and aripiprazole on memory depression and anxiety in mice Altered gene expression levels of BDNF and CREB in the hippocampus of mice**
YILDIZ AKAR F., GÜMÜŞLÜ K. E., MUTLU O., ULAK G., KOMSUOĞLU ÇELİK YURT F. İ., ERDEN B. F.
EBPS-EBBS Biennial Meeting of the European Behavioural Pharmacological Society, Verona, Italy, 12 - 15 September 2015
- XI. Superior effect of quetiapine compared to aripiprazole and iloperidone on MK 801 induced olfactory memory impairment in female mice**

MUTLU O., ULAK G., KOMSUDOĞLU ÇELİKİYURT F. İ., YILDIZ AKAR F., ERDEN B. F.

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- XII. **Effects of atypical antipsychotics on emotional memory and locomotion Altered gen expression levels of BDNF and CREB in the hippocampus of mice**
GÜMÜŞLÜ K. E., MUTLU O., ULAK G., UYAR E., TATAR O. C., KOMSUDOĞLU ÇELİKİYURT F. İ., YILDIZ AKAR F., ERDEN B. F.
28th ECNP Congress, Amsterdam, Netherlands, 29 August - 01 September 2015
- XIII. **Effects of antipsychotic drugs asenapine paliperidon quetiapine and aripiprazole on pain and locomotion in mice Amsterdam**
MUTLU O., UYAR E., ULAK G., KOMSUDOĞLU ÇELİKİYURT F. İ., YILDIZ AKAR F., ERDEN B. F., HÜSEYNOVA L., TANYERİ P.
28th ECNP Congress, Amsterdam, Netherlands, 29 August - 01 September 2015
- XIV. **Chronic exenatide treatment exerts anxiolytic and antidepressant like effects and reverses the neuropathy in diabetic mice model**
MUTLU O., KOMSUDOĞLU ÇELİKİYURT 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
- XV. **Asenapine and paliperidon improve MK 801 induced memory deterioration in morris water maze test in mice**
BEKTAŞ E., ULAK G., MUTLU O., KOMSUDOĞLU ÇELİKİYURT F. İ., YILDIZ AKAR F., ERDEN B. F.
27th ECNP Congress of Applied and Translational Neuroscience, Berlin, Germany, 18 - 21 October 2014, pp.38
- XVI. **Asenapine and paliperidon exert antidepressant and anxiolytic like effects in mice**
MUTLU O., ULAK G., KOMSUDOĞLU ÇELİKİYURT 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
- XVII. **Chronic exenatide treatment exerts anxiolytic- and antidepressant-like effects and reverses the neuropathy in a diabetic mice model**
MUTLU O., Celikyurt I. K., Uyar E., ULAK G., BEKTAS E., AKAR F., ERDEN F., TARKUN I.
27th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Berlin, Germany, 18 - 21 October 2014, vol.24
- XVIII. **Asenapine and paliperidone improve MK-801-induced memory deterioration in Morris water maze test in mice**
BEKTAS E., ULAK G., MUTLU O., Celikyurt I., AKAR F., ERDEN F.
27th ECNP Congress, Berlin, Germany, 18 - 21 October 2014, vol.24
- XIX. **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., KOMSUDOĞLU ÇELİKİYURT F. İ., ERDEN B. F.
17th World Congress of Basic & Clinical Pharmacology, Cape-Town, South Africa, 13 - 18 July 2014, pp.616
- XX. **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., KOMSUDOĞLU ÇELİKİYURT F. İ., ERDEN B. F.
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- XXI. **Effects of asenapine and paliperidon on MK 801 induced memory deterioration in radial arm maze in mice**
MUTLU O., ULAK G., BEKTAŞ E., KOMSUDOĞLU ÇELİKİYURT F. İ., YILDIZ AKAR F., TANYERİ P., ERDEN B. F.
9th FENS Forum of Neuroscience, Milan, Italy, 5 - 09 July 2014
- XXII. **Ziprasidon un farelerde Morris su tankı testinde uzaysal bellek üzerine etkileri**
TANYERİ P., BÜYÜKOKUROĞLU M. E., MUTLU O., ULAK G., YILDIZ AKAR F., KOMSUDOĞLU ÇELİKİYURT F. İ., ERDEN B. F.
22. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2013
- XXIII. **The antidepressant agomelatine improves unpredictable chronic mild stress UCMS induced memory deterioration in mice**

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

European Neuropsychopharmacology, 25th ECNP Congress, Viyana, Austria, 13 - 17 October 2012, vol.22, pp.182

- XXIV. **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., KOMSUDOĞLU ÇELİK YURT F. İ., YILDIZ AKAR F., DEMİRTAŞ ŞAHİN T., BEKTAŞ E., ERDEN B. F.
6th European Congress of Pharmacology, 17 - 20 July 2012
- XXV. **An atypical antidepressant tianeptine prevents unpredictable chronic mild stress induced depressive effects in mice**
MUTLU O., KOMSUDOĞLU ÇELİK YURT F. İ., GÜMÜŞLÜ K. E., YILDIZ AKAR F., ERDEN B. F., ULAK G.
The Journal of the European College of Neuropsychopharmacology, 24th ECNP Congress, Paris, France, 3 - 07 September 2011, pp.402
- XXVI. **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., KOMSUDOĞLU ÇELİK YURT F. İ., ULAK G., ERDEN B. F.
The Journal of the European College of Neuropsychopharmacology, 24th ECNP Congress, Paris, France, 3 - 07 September 2011, pp.298
- XXVII. **Effects of Levetiracetam on cognitive functions mice**
KOMSUDOĞLU ÇELİK YURT F. İ., ULAK G., YILDIZ AKAR F., MUTLU O., MÜLAYİM S., ERDEN B. F.
24th ECNP Congress The Journal of the European College of Neuropsychopharmacology, Paris, France, 3 - 07 September 2011, pp.254
- XXVIII. **The investigation of the molecular effects of zaprinast and ODQ, a guanylate cyclase inhibitor, on rat brain by Fourier transform mid-infrared spectroscopy**
Turker S., MUTLU O., Komsuoglu I. C., Gumuslu E., Akar F., Erden F., ULAK G.
24th Congress Meeting of European-College-of-Neuropsychopharmacology, Paris, France, 3 - 07 September 2011, vol.21
- XXIX. **Effects of 7 NI and ODQ on visual memory in the novel object recognition test in mice**
MUTLU O., YILDIZ AKAR F., KOMSUDOĞLU ÇELİK YURT F. İ., ULAK G., ERDEN B. F.
14TH EBPS Meeting, Amsterdam, Netherlands, 26 - 29 August 2011
- XXX. **Effects of zaprinast rolipram ODQ and 7 NI on exploratory activity in mice**
MUTLU O., YILDIZ AKAR F., KOMSUDOĞLU ÇELİK YURT F. İ., ULAK G., ERDEN B. F.
14TH EBPS Meeting, Amsterdam, Netherlands, 26 - 29 August 2011
- XXXI. **Effects of zaprinast ODQ and 7 NI on locomotion and anxiety in the open field test in mice**
MUTLU O., YILDIZ AKAR F., KOMSUDOĞLU ÇELİK YURT F. İ., ULAK G., ERDEN B. F.
14TH EBPS Meeting, Amsterdam, Netherlands, 26 - 29 August 2011
- XXXII. **EFFECTS OF ZAPRINAST, ROLIPRAM, ODQ AND 7-NI ON EXPLORATORY ACTIVITY 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
- XXXIII. **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.
14th Biennial Meeting of the European-Behavioural-Pharmacology-Society, Amsterdam, Netherlands, 26 - 29 August 2011, vol.22
- XXXIV. **Effects of tianeptine and fluoxetine on unpredictable chronic mild stress induced cognition deterioration in mice**
MUTLU O., KOMSUDOĞLU ÇELİK YURT F. İ., ULAK G., YILDIZ AKAR F., ERDEN B. F.
10th World Congress of Biological Psychiatry, Prag, Czech Republic, 29 May - 03 June 2011
- XXXV. **5 HT1 and 5 HT2 receptors are involved in the anxiolytic like effects of TRIM in the rat**
TANYERİ P., MUTLU O., YILDIZ AKAR F., ERDEN B. F., ULAK G.
EPHAR 2008, Manchester, United Kingdom, 13 - 17 July 2008
- XXXVI. **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 ÇELİK YURT F. İ., ERDEN B. F., UTKAN T., GACAR M. N.

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

Supported Projects

ULAK G., Project Supported by Higher Education Institutions, Risperidon'un sıçanlarda artı labirent ve pasif sakinme testlerinde öğrenme ve bellek üzerine etkilerinin araştırılması, 2010 - 2011

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