

## Doç. Dr. GÖKHAN ÜNAL

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAP-3935-2020

Yoksis Araştırmacı ID: 189046

### Eğitim Bilgileri

Post Doktora, The University of Manchester, Division of Pharmacy and Optometry, Birleşik Krallık 2020 - 2020

Doktora, Erciyes Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakoloji, Türkiye 2013 - 2017

Lisans, Erciyes Üniversitesi, Eczacılık Fakültesi, Türkiye 2007 - 2012

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, Şıçanlarda MK-801 ile Oluşturulmuş Şizofreni Modelinde Nikotinic Alfa-7 Reseptörlerinin Şizofreninin Pozitif, Negatif ve Kognitif Semptomları Üzerine Olası Etkilerinin İncelenmesi, Marmara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakoloji, 2017

### Araştırma Alanları

Tıp, Sağlık Bilimleri, Dahili Tıp Bilimleri, Psikiyatri, Eczacılık, Meslek Bilimleri, Farmakoloji

### Akademik Unvanlar / Görevler

Araştırmacı, The University of Edinburgh, Medical School, Centre for Discovery Brain Sciences, 2021 - Devam Ediyor

Dr. Öğr. Üyesi, Erciyes Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - Devam Ediyor

Araştırmacı, The University of Manchester, Division of Pharmacy and Optometry, 2020 - 2020

Araştırma Görevlisi Dr., Erciyes Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - 2018

Araştırma Görevlisi, Marmara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakoloji, 2013 - 2017

### Akademik İdari Deneyim

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The anticancer activity of *Cuscuta campestris* Yunck extract: An combined study of in vitro and in vivo experiments**  
Kilickaya Selvi E., ÜNAL G.  
South African Journal of Botany, cilt.174, ss.40-48, 2024 (SCI-Expanded)
- II. **Hypoxic Preconditioning Prevents Oxidative Stress-Induced Cell Death in Human Hair Follicle Stem Cells**  
Salehi M. S., Khani F. C., Ansari S., Mokhtari M. J., Dara M., Bayat M., Hooshmandi E., Ashjazadeh N., Borhani-Haghighi A., ÜNAL G., et al.  
Iranian Journal of Biotechnology, cilt.22, sa.3, 2024 (SCI-Expanded)
- III. **The long-lasting effects of aceclofenac, a COX-2 inhibitor, in a Poly I:C-Induced maternal immune activation model of schizophrenia in rats.**  
Taskiran S. Y., Taskiran M., Unal G., Bozkurt N. M., Golgeli A.  
Behavioural brain research, cilt.452, ss.114565, 2023 (SCI-Expanded)
- IV. **Independent and combined effects of astaxanthin and omega-3 on behavioral deficits and molecular changes in a prenatal valproic acid model of autism in rats**  
Adiguzel E., Bozkurt N. M., Unal G.  
NUTRITIONAL NEUROSCIENCE, cilt.26, sa.9, ss.1-17, 2023 (SCI-Expanded)
- V. **Group I mGluRs positive allosteric modulators improved schizophrenia-related behavioral and molecular deficits in the Poly I:C rat model.**  
Taskiran S. Y., Taskiran M., Unal G., Golgeli A.  
Pharmacology, biochemistry, and behavior, cilt.229, ss.173593, 2023 (SCI-Expanded)
- VI. **Fat Juice: A Novel Approach on the Usage and Preparation of Adipose Tissue By-products**  
Cihantimur B., Moret G., ÜNAL G.  
AESTHETIC SURGERY JOURNAL, cilt.43, 2023 (SCI-Expanded)
- VII. **Evaluation of the Chemical Composition, Antioxidant and Antidiabetic Activity of *Rhaponticoides iconiensis* Flowers: Effects on Key Enzymes Linked to Type 2 Diabetes In Vitro, In Silico and on Alloxan-Induced Diabetic Rats In Vivo.**  
Paşayeva L., Fatullayev H., Celik I., Unal G., Bozkurt N. M., Tugay O., Abdellattif M. H.  
Antioxidants (Basel, Switzerland), cilt.11, sa.11, 2022 (SCI-Expanded)
- VIII. **Probiotics and prebiotics alleviate behavioral deficits, inflammatory response, and gut dysbiosis in prenatal VPA-induced rodent model of autism**  
Adigüzel E., ÇİÇEK B., ÜNAL G., Aydın M. F., BARLAK KETİ D.  
Physiology and Behavior, cilt.256, 2022 (SCI-Expanded)
- IX. **Effects of probiotic supplementation on very low dose AFB1-induced neurotoxicity in adult male rats**  
Sahin G., Karabulut D., Unal G., Sayan M., Sahin H.  
LIFE SCIENCES, cilt.306, 2022 (SCI-Expanded)
- X. **Design, synthesis, and in vitro and in vivo anticancer activity studies of new (S)-Naproxen thiosemicarbazide/1,2,4-triazole derivatives**  
Han M. İ., Tunc C. U., Atalay P., Erdogan O., Ünal G., Bozkurt M., Aydın Ö., Cevik O., Kucukguzel S. G.  
NEW JOURNAL OF CHEMISTRY, cilt.46, sa.13, ss.6046-6059, 2022 (SCI-Expanded)
- XI. **Vortioxetine suppresses epileptiform activity and cognition deficits in a chronic PTZ-induced kindling rat model**  
Taskiran M., Unal G.  
EPILEPTIC DISORDERS, cilt.23, sa.6, ss.893-900, 2021 (SCI-Expanded)
- XII. **Design and synthesis of novel (S)-Naproxen hydrazide-hydrazones as potent VEGFR-2 inhibitors**

**and their evaluation in vitro/in vivo breast cancer models**

Han M. İ., Atalay P., Tunç C. Ü., Ünal G., Dayan S., Aydın Ö., Küçükgülzel Ş. G.  
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.37, 2021 (SCI-Expanded)

- XIII. **alpha 7 nicotinic receptor agonist and positive allosteric modulators differently improved schizophrenia-like cognitive deficits in male rats**  
ÜNAL G., ŞİRVANCI S., ARICIOĞLU F.  
BEHAVIOURAL BRAIN RESEARCH, cilt.397, 2021 (SCI-Expanded)
- XIV. **Alpha 7 nicotinic receptor agonist and positive allosteric modulators improved social and molecular deficits of MK-801 model of schizophrenia in rats**  
Ünal G., Bekci H., Cumaoglu A., Yerer M. B., Aricioglu F.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, cilt.193, 2020 (SCI-Expanded)
- XV. **Immunopharmacological management of COVID-19: Potential therapeutic role of valproic acid.**  
Unal G., Turan B., Balcioglu Y.  
Medical hypotheses, cilt.143, ss.109891, 2020 (SCI-Expanded)
- XVI. **Famotidine has a neuroprotective effect on MK-801 induced toxicity via the Akt/GSK-3 $\beta$ / $\beta$ -catenin signaling pathway in the SH-SY5Y cell line.**  
Unal G., Dokumaci A., Ozkartal C., Yerer M. B., Aricioglu F.  
Chemico-biological interactions, cilt.314, ss.108823, 2019 (SCI-Expanded)
- XVII. **Lichen Based Synthesis of Zinc Oxide Nanoparticles and Evaluation of its Neurotoxic Effects on Human Neuroblastoma Cells**  
Koca F. D., Ünal G., Halıcı M. G.  
JOURNAL OF NANO RESEARCH, cilt.59, ss.15-24, 2019 (SCI-Expanded)
- XVIII. **SYNTHESIS AND BIOLOGICAL EVALUATION OF SOME NEW HYDRAZONE DERIVATIVES BEARING PYRIMIDINE RING AS ANALGESIC AND ANTI-INFLAMMATORY AGENTS**  
Akdag K., ÜNAL G., TOK F., ARICIOĞLU F., Temel H. E., KAYMAKÇIOĞLU B.  
ACTA POLONIAE PHARMACEUTICA, cilt.75, sa.5, ss.1147-1159, 2018 (SCI-Expanded)
- XIX. **A-582941, cholinergic alpha 7 nicotinic receptor agonist, improved cognitive and negative symptoms of the sub-chronic MK-801 model of schizophrenia in rats**  
Unal G., Aricioglu F.  
PSYCHIATRY AND CLINICAL PSYCHOPHARMACOLOGY, cilt.28, sa.1, ss.4-13, 2018 (SCI-Expanded)
- XX. **Agmatine-attenuated cognitive and social deficits in subchronic MK-801 model of schizophrenia in rats**  
Unal G., Ates A., Aricioglu F.  
PSYCHIATRY AND CLINICAL PSYCHOPHARMACOLOGY, cilt.28, sa.3, ss.245-253, 2018 (SCI-Expanded)
- XXI. **Neuroinflammation in Schizophrenia: A Critical Review and The Future**  
Aricioglu F., Ozkartal C. S., Unal G., Dursun S., CETİN M., Mueller N.  
KLINIK PSIKOFARMAKOLOJİ BULTENİ-BULLETIN OF CLINICAL PSYCHOPHARMACOLOGY, cilt.26, sa.4, ss.429-437, 2016 (SCI-Expanded)
- XXII. **Regulation of GSK-3 Activity as A Shared Mechanism in Psychiatric Disorders**  
Sahin C., Unal G., Aricioglu F.  
KLINIK PSIKOFARMAKOLOJİ BULTENİ-BULLETIN OF CLINICAL PSYCHOPHARMACOLOGY, cilt.24, sa.1, ss.97-108, 2014 (SCI-Expanded)
- XXIII. **pK(a) Constant of Varenicline**  
ÜNAL G., Yeloglu I., Anilanmert B., NARİN I.  
JOURNAL OF CHEMICAL AND ENGINEERING DATA, cilt.57, sa.1, ss.14-17, 2012 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. Multi-Regulatory Effects of Agmatine on Akt/GSK-3 $\beta$ / $\beta$ -Catenin Signaling Pathway in SH-SY5Y cells: A Potential Explanation for its Conflicting Roles in Schizophrenia**

ÜNAL G., DOKUMACI A. H., Aycan-Yerer M. B., ARICIOĞLU F.

PSYCHIATRY AND BEHAVIORAL SCIENCES, sa.4, ss.203-213, 2023 (ESCI)

- II. **Green synthesis of Ag-ZnO nanocomposites by using Usnea florida and Pseudevernia furfuracea lichen extracts and evaluation of their neurotoxic effects**  
KOCA F. D., HALICI M. G., Işık Y., ÜNAL G.  
Inorganic and Nano-Metal Chemistry, 2022 (Scopus)
- III. **Neuroprotective effects of thymoquinone against ketamine -and MK-801-induced neurotoxicity in SH-SY5Y cells: From the perspective of glutamatergic dysfunction in schizophrenia**  
ÜNAL G., Erdogan B.  
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, cilt.10, sa.2, ss.178-182, 2020 (ESCI)
- IV. **Famotidine Improved Schizophrenia-Like Behaviors in Acute Ketamine Model of Schizophrenia in Rats**  
Ünal G., Arıcıoğlu F.  
Psyciatry and Behavioral Sciences, cilt.10, sa.2, ss.45-54, 2020 (ESCI)
- V. **Vortioxetine improved social and cognitive deficits in acute ketamine model of schizophrenia in rats**  
ÜNAL G., TAŞKIRAN M.  
JOURNAL OF RESEARCH IN PHARMACY, cilt.24, sa.5, ss.648-655, 2020 (ESCI)
- VI. **Comparison of behavioural and molecular effects of two different schizophrenia models induced by subchronic MK-801 administration in rats**  
ÜNAL G., Arıcıoğlu F.  
MARMARA PHARMACEUTICAL JOURNAL, cilt.22, sa.2, ss.199-208, 2018 (ESCI)
- VII. **Deneyssel Şizofreni Modelleri: Psikofarmakolojik Bakış**  
ÜNAL G., ARICIOĞLU F.  
Türkiye Klinikleri Laboratuvar Hayvanları Dergisi, cilt.1, ss.105-114, 2017 (Hakemli Dergi)
- VIII. **POSSIBLE PROTECTIVE EFFECTS OF AGMATINE ANDFAMOTIDINE ON MK-801-INDUCED CYTOTOXICITY IN SHSY 5YCELL LINE**  
AYCAN M. B., DOKUMACI A. H., ÜNAL G., ŞAHİN C., ARICIOĞLU F.  
Journal of Cellular Neuroscience and oxidative stress, 2017 (Scopus)
- IX. **The involvement of Akt and GSK 3 Two pathways two pathology**  
ŞAHİN C., ÜNAL G., ARICIOĞLU F.  
Journal of Marmara University Institute of Health Sciences, ss.1, 2014 (Hakemli Dergi)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Vortioxetine improved negative and cognitive symptoms-like behaviors on MK-801 induced schizophrenia model in rats**  
Bozkurt N. M., Ünal G.  
13th International Congress on Psychopharmacology & International Symposium on Child and Adolescent Psychopharmacology (ICP 2022), Antalya, Türkiye, 9 - 12 Kasım 2022
- II. **ACUTE and CHRONIC NMDA RECEPTOR ANTAGONIST MODELS of SCHIZOPHRENIA CAUSED DIFFERENT DISRUPTIONS on PREPULSE INHIBITION of ACUSTIC STARTLE RESPONSE TEST in RATS**  
ÜNAL G.  
5. Uluslararası Gevher Nesibe Sağlık Bilimleri Kongresi, 24 Nisan - 25 Mayıs 2020
- III. **SIÇANLARDA SUBKRONİK MK-801 UYGULAMASININKORKU KOŞULLAMA UZERİNE ETKİLERİNİNİNCELENMESİ**  
ÜNAL G.  
1.UluslararasıSağlık Bilimleri ve İnovasyon Kongresi, 10 - 12 Nisan 2020
- IV. **Nigella sativa oil improved cognitive symptoms in subchronic MK-801 model of schizophrenia in rats**  
ÜNAL G., Zortul H., ARICIOĞLU F.  
11th International Congress on Psychopharmacology 7th International Symposium on Child and Adolescent

Psychopharmacology, 18 - 21 Nisan 2019

- V. **Identification of the possible downstream path-ways related to alpha7 nicotinic acetylcholine receptor in MK-801 induced schizophrenia model in rats**  
CUMAOĞLU A., ÜNAL G., Bekci H., Yerer M. B., ARICIOĞLU F.  
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, İspanya, 6 - 09 Ekim 2018, cilt.29
- VI. **A comparison of two schizophrenia models induced by MK-801: Possible involvement of phosphodiesterase 4A and glycogen synthase kinase 3 beta**  
Yerer M. B., ÜNAL G., Bekci H., CUMAOĞLU A., Aricioglu F.  
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, İspanya, 6 - 09 Ekim 2018, cilt.29
- VII. **Effects of agmatine on Akt/GSK-3beta/betacatenin signaling pathway in SH-SY5Y cell culture: Relevance to schizophrenia**  
ÜNAL G., ARICIOĞLU F., Dokumaci A. H., Yerer-Aycan M. B., Ozkartal-Sahin C.  
ECNP Workshop on Early Career Scientists in Europe, Nice, Fransa, 7 - 10 Mart 2019, cilt.29
- VIII. **Agmatine attenuated sensorimotor gating deficit in schizophrenia model in rats: Combination of neonatal MK-801 and isolation rearing**  
ÜNAL G., ARICIOĞLU F., Zortul H., ÖZBEYLİ D.  
31th Congress European College of Neuropsychopharmacology, 6 - 09 Ekim 2018
- IX. **Alpha-7 nicotinic acetylcholine receptor agonist and positive allosteric modulators improved receptor deficits induced by MK-801 model of schizophrenia in rats**  
ÜNAL G., ARICIOĞLU F.  
ISBS Translational Biological Psychiatry Symposium, 23 Mayıs 2018
- X. **Alpha-7 nicotinic acetylcholine receptor positive allosteric modulators improved GABAergic deficits of schizophrenia in subchronic MK-801 model of rats**  
ÜNAL G., ARICIOĞLU F.  
10th International Congress on Psychopharmacology and 6th International Symposium on Child and Adolescent Psychopharmacology, 25 - 29 Nisan 2018
- XI. **Nicotinic alpha7 receptor agonist and modulators improved social but not sensorimotor deficits on subchronic MK-801 model of schizophrenia in rats.**  
ÜNAL G., Zortul H., YAVUZ A. N., ARICIOĞLU F.  
30th Congress European College of Neuropsychopharmacology (ECNP), 2 - 05 Eylül 2017
- XII. **Nigella sativa extract improved sensorimotor gating deficit on acute ketamine model of schizophrenia in rats**  
ÜNAL G., KELEŞ R. M., TAŞKIN T., ARICIOĞLU F.  
30th Congress European College of Neuropsychopharmacology (ECNP), 2 - 05 Eylül 2017
- XIII. **Effect of nicotinic alpha 7 receptor agonist and positive allosteric modulators on cognitive symptoms in subchronic MK-801 model of schizophrenia in rats**  
ÜNAL G., ARICIOĞLU F., YAVUZ A. N., Zortul H.  
British Association of Psychopharmacology (BAP) Summer Meeting, 23 - 26 Temmuz 2017
- XIV. **Cholinergic alpha 7 nicotinic receptor agonism improved cognitive and negative symptoms of MK-801-induced schizophrenia in rats.**  
ÜNAL G., ARICIOĞLU F., YAVUZ A. N.  
9th International Congress on Psychopharmacology and 5th International Symposium on Child and Adolescent Psychopharmacology, 26 - 30 Nisan 2017
- XV. **Olanzapine Reversed MK-801 Induced Cell Damage via Akt/GSK-3  $\beta/\beta$  -Catenine Signaling Pathway in SH SY5Y Cell Culture**  
ÜNAL G., DOKUMACI A. H., AYCAN M. B., ÖZKARTAL C., ARICIOĞLU F.  
9th International Congress on Psychopharmacology and 5th International Symposium on Child and Adolescent Psychopharmacology, 26 - 30 Nisan 2017, cilt.27, ss.57
- XVI. **Famotidine: Is it a potential new candidate for the treatment of schizophrenia by inhibiting GSK-3**

**beta?**

Unal G., DOKUMACI A. H., Hazar-Yavuz A. N., AYCAN M. B., Sahin C., Keles R., Aricioglu F.

29th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Avusturya, 17 - 20 Eylül 2016, cilt.26

- XVII. **Antidepressant like effect of hydro alcoholic extract of nigella sativa in tail suspension test in mice**  
YAVUZ A. N., KELEŞ R. M., ÜNAL G., TAŞKIN T., ARICIOĞLU F.  
29th Congress European College of Neuropsychopharmacology (ECNP), Vienna, Avusturya, 17 - 20 Eylül 2016
- XVIII. **Famotidine Is it a potentia new candidate for the treatment of schizophrenia by inhibiting GSK 3beta**  
ÜNAL G., Dokumacı A. H., Hazar Yavuz A. N., AYCAN M. B., Şahin C., Keleş R., ARICIOĞLU F.  
29th ECNP congress, 17 - 20 Eylül 2016
- XIX. **Famotidine reverses social withdrawal but not fear conditioning deficits induced by acute ketamine model in rats**  
ARICIOĞLU F., ÜNAL G., YAVUZ A. N., ÖZKARTAL C., KELEŞ R. M.  
7 th European Congress of Pharmacology (EPHAR2016), İstanbul, Türkiye, 26 - 30 Temmuz 2016
- XX. **The combination of sub effective doses of agmatine and ketamine reduces obsessive compulsive like behavior of mice in marble burying test**  
KELEŞ R. M., YAVUZ A. N., ÖZKARTAL C., ÜNAL G., ARICIOĞLU F.  
30th World International College of Neuropsychopharmacology (CINP) Congress, Seoul, Güney Kore, 3 - 05 Temmuz 2016, cilt.19, ss.24-25
- XXI. **Possible protective effects of agmatine and famotidine on MK 801 induced cytotoxicity in SHSY 5Y cell line 6th World congress of Oxidative stress calcium signaling and TRP channels**  
AYCAN M. B., DOKUMACI A. H., ÜNAL G., Şahin C., ARICIOĞLU F.  
6th World congress of Oxidative stress, calcium signaling and TRP channels., 24 - 27 Mayıs 2016
- XXII. **Possible protective effects of agmatine and famotidine on MK 801 induced cytotoxicity in SHSY 5Y cell line**  
AYCAN M. B., Dokumacı A. H., ÜNAL G., ÖZKARTAL C., ARICIOĞLU F.  
6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, Isparta, Türkiye, 24 - 27 Mayıs 2016
- XXIII. **Possible neuroprotective effects of agmatine via GSK3 protein expression in SH SY5Y cell line**  
DOKUMACI A. H., ÜNAL G., AYCAN M. B., ÖZKARTAL C., ARICIOĞLU F.  
8th International Congress on Psychopharmacology and 4th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Türkiye, 20 - 24 Nisan 2016
- XXIV. **Famotidine reverses learning and memory deficits induced by acute ketamine model of schizophrenia in novel object recognition test in rats**  
YAVUZ A. N., ÜNAL G., ÖZKARTAL C., KELEŞ R. M., KRAUS M., ARICIOĞLU F.  
8th International Congress on Psychopharmacology and 4th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Türkiye, 20 - 24 Nisan 2016
- XXV. **Agmatine potentiates the antidepressant effect of ketamine in forced swimming test of rats**  
KELEŞ R. M., YAVUZ A. N., ÖZKARTAL C., ÜNAL G., ARICIOĞLU F.  
8th International Congress on Psychopharmacology and 4th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Türkiye, 20 - 24 Nisan 2016
- XXVI. **Agmatine treatment prevents MK 801 induced neurodegeneration in cell culture**  
ÜNAL G., DOKUMACI A. H., AYCAN M. B., ÖZKARTAL C., ARICIOĞLU F.  
8th International Congress on Psychopharmacology and 4th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Türkiye, 20 - 24 Nisan 2016
- XXVII. **Possible neuroprotective effects of agmatine via GSK3 beta protein expression in SHSY5Y cell line**  
DOKUMACI A. H., ÜNAL G., AYCAN M. B., Şahin C., ARICIOĞLU F.  
8. Uluslararası Psikofarmakoloji Kongresi, 20 - 24 Nisan 2016
- XXVIII. **Agmatine attenuates cecal ligation induced sickness behavior in rats**  
ARICIOĞLU F., ŞAHİN C., ÜNAL G., UTKAN T.  
4th World Psychiatric Association International Congress, 18 - 22 Kasım 2015, ss.446
- XXIX. **Bioactive beta carbolines harman and norharman attenuate oxidative damage in sub chronic stress**

### **model in rats**

ARICIOĞLU F., ŞAHİN C., ÜNAL G., ARKAN G.

4th World Psychiatric Association International Congress, 18 - 22 Kasım 2015

- XXX. **The effect of acute ketamine administration on NLRP3 inflammasome activation in a sub chronic stress model of rats**  
ÜNAL G., TERZİOĞLU G., ŞAHİN C., YANIKKAYA DEMİREL G., ARICIOĞLU F.  
28th European Congress of Neuropsychopharmacology (ECNP), Amsterdam, Hollanda, 29 Ağustos - 01 Eylül 2015, cilt.25, ss.226-227
- XXXI. **Acute administration of ketamine inhibited stress induced pro inflammatory cytokines in hippocampus of rats**  
ÜNAL G., Terzioğlu G., ŞAHİN C., Yanikkaya Demirel G., ARICIOĞLU F.  
7th International Congress on Psychopharmacology and 3rd International Symposium on Child and Adolescent Psychopharmacology, Antalya, Türkiye, 15 - 19 Nisan 2015
- XXXII. **Synthesis and antinociceptive activities of some hydrazide hydrazones of ethyl 4-chloro-2-methylthio-5-pyrimidine carboxilate**  
Akdağ K., KAYMAKÇIOĞLU B., ÖZKARTAL C., ÜNAL G., ARICIOĞLU F.  
Joining Forces in Pharmaceutical Analysis and Medicinal Chemistry, 25 - 26 Ağustos 2014
- XXXIII. **Investigation of Cytotoxic Effects of Pelargonium endlicherianum Extracts and Related Phenolic Compounds Esculetin and Scopoletin**  
DOKUMACI A. H., ÜNAL G., ŞEKER KARATOPRAK G., AYCAN M. B.  
2nd Anticancer Agent Congress, Bodrum, Türkiye, 23 - 27 Nisan 2014
- XXXIV. **Investigation Of Cytotoxic Effects Of Pelargonium Endlicherianum Extracts And Related Phenolic Compounds: Esculetin And Scopoletin.**  
DOKUMACI A. H., ÜNAL G., ŞEKER KARATOPRAK G., AYCAN M. B.  
2nd Anticancer Agent Congress, Muğla, Türkiye, 23 - 25 Nisan 2014, ss.100
- XXXV. **Acute P2X7 receptor blockade by Brilliant Blue G (BBG) does not result in antidepressant-like activity in rats**  
ÖZKARTAL C., GÜDEN D. S., ÜNAL G., ARICIOĞLU F.  
6th International Congress on Psychopharmacology and 2nd Symposium on Child and Adolescent Psychopharmacology, 16 - 20 Nisan 2014

### **Desteklenen Projeler**

ÜNAL G., ARICIOĞLU F., AYCAN M. B., Yükseköğretim Kurumları Destekli Proje, SH-SY5Y hücrelerinde MK-801 ile indüklenen hücre hasarına karşı agmatinin koruyucu etkisinin araştırılması, 2018 - 2019

AYCAN M. B., ARICIOĞLU F., ÜNAL G., Yükseköğretim Kurumları Destekli Proje, SIÇANLARDA MK801 İLE OLUŞTURULMUŞ ŞİZOFRENİ MODELİNDE NİKOTİNİK ALFA7 RESEPTÖRLERİNİN ŞİZOFRENİNİN POZİTİF, NEGATİF VE KOGNİTİF SEMPTOMLARI ÜZERİNE OLASI ETKİLERİNİN İNCELENMESİ, 2018 - 2018

### **Bilimsel Dergilerdeki Faaliyetler**

PSYCHIATRY AND CLINICAL PSYCHOPHARMACOLOGY, Editörler Kurulu Üyesi, 2020 - Devam Ediyor

### **Akademik Dolaşım Faaliyetleri**

Diğer, Doktora Sonrası Araştırma, The University of Manchester, İngiltere, 2020 - 2020

## **Metrikler**

Yayın: 78

Atıf (WoS): 139

Atıf (Scopus): 148

H-İndeks (WoS): 7

H-İndeks (Scopus): 7

## **Burslar**

2219 - Yurtdışı Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, 2021 - 2022

## **Akademi Dışı Deneyim**

The University of Edinburgh

The University of Manchester