

**Email:** mehmetbozkurt@erciyes.edu.tr

**Web:** <https://avesis.erciyes.edu.tr/mehmetbozkurt>

#### International Researcher IDs

ScholarID: PojFpSgAAAAJ

ORCID: 0000-0003-2965-6719

Publons / Web Of Science ResearcherID: AFV-6509-2022

ScopusID: 57545114100

Yoksis Researcher ID: 366446

#### Education Information

---

- I. Doctorate, Erciyes University, Sağlık Bilimleri Enstitüsü, --, Turkey 2022 - Continues
- II. Postgraduate, Erciyes University, Sağlık Bilimleri Enstitüsü, --, Turkey 2020 - 2022
- III. Undergraduate, Erciyes University, Eczacılık Fakültesi, Turkey 2014 - 2019

#### Foreign Languages

---

- I. English, B2 Upper Intermediate

#### Certificates, Courses and Trainings

---

- I. Health&Medicine, 13th International Congress on Psychopharmacology & International Symposium on Child and Adolescent Psychopharmacology , Turkish Association for Psychopharmacology , 2022
- II. Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Erciyes Üniversitesi Hayvan Deneyleri Etik Kurulu, 2019

#### Dissertations

---

- I. Postgraduate, THE INVESTIGATION OF THE EFFECTS OF VORTIOXETINE ON THE POSITIVE, NEGATIVE AND COGNITIVE SYMPTOMS OF SCHIZOPHRENIA USING BEHAVIORAL AND MOLECULAR METHODS IN SCHIZOPHRENIA MODEL CREATED WITH MK-801 IN RATS, Erciyes University, Sağlık Bilimleri Enstitüsü, --, 2022

#### Research Areas

---

Pharmacology and Therapeutics, Professional Sciences, Pharmacology, Health Sciences

#### Academic Titles / Tasks

---

- I. Research Assistant, Erciyes University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues

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

---

- I. **Vortioxetine improved schizophrenia-like behavioral deficits in a Poly I:C-induced maternal immune activation model of schizophrenia in rats.**  
Taşkıran M., Taskiran S. Y., Unal G., Bozkurt N. M., Golgeli A.  
Fundamental & clinical pharmacology, no.1, 2024 (SCI-Expanded)
- II. **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, vol.452, pp.114565, 2023 (SCI-Expanded)
- III. **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, vol.26, no.9, pp.1-17, 2023 (SCI-Expanded)
- IV. **Vortioxetine improved negative and cognitive symptoms of schizophrenia in subchronic MK-801 model in rats**  
Bozkurt N. M., Ünal G.  
BEHAVIOURAL BRAIN RESEARCH : AN INTERNATIONAL JOURNAL, vol.444, pp.114365-114379, 2023 (SCI-Expanded)
- V. **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), vol.11, no.11, 2022 (SCI-Expanded)
- VI. **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, vol.46, no.13, pp.6046-6059, 2022 (SCI-Expanded)

## Articles Published in Other Journals

---

- I. **Ivermectin improved behavioral and molecular deficits of poly I: C-Induced schizophrenia model in rats**  
Bozkurt N. M., Ünal G., Taşkıran S., Taşkıran M.  
Neuroscience Applied, vol.2, pp.101019-101045, 2023 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

---

- I. **Sub-Chronic Agmatine Administration Dose-Dependently Increased Learning and Memory As Well As Social Interaction In Healthy Rats**  
Bozkurt N. M., Beyaz F., Kıryar B., Ünal G.  
5th International Congress on Psychopharmacology & Child and Adolescent Psychopharmacology / Psychotherapy (ICP 2024), Antalya, Turkey, 22 - 25 April 2024, pp.79
- II. **Investigation of the neuroprotective effect of co-administered probiotics and vitamin D against neurotoxicity: an in vitro example**  
Gül H., Bozkurt N. M., Ünal G.  
14th International Congress on Psychopharmacology & International Symposium on Child and Adolescent

Psychopharmacology, Antalya, Turkey, 22 October - 25 November 2023, pp.35-39

- III. **Vortioxetine improved autistic-like behaviors in the prenatal valproic acid model of autism in rats**  
Bozkurt N. M., Adıgüzel E., Ünal G.  
14th International Congress on Psychopharmacology & International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 22 - 25 October 2023, pp.57-61
- IV. **Investigation of The Neuroprotective Effects Due Antioxidant Activity of Alpha-Lipoic Acid and Eryngium kotschy Flower Extract on Scopolamin-Induced Neuronal Damage in Human Neuroblastoma Cells**  
Karaboğa Arslan A. K., Ökçesiz Haciseyitoğlu A., Pashayeva L., Bozkurt N. M., Tugay O.  
57th Congress of the European Societies of Toxicology, Ljubljana, Slovenia, 10 - 13 September 2023, pp.238
- V. **Synthesis of A New Hybrid Sulfonylurea Derivatives for Evaluation of Antihyperglycemic Activity**  
Kemerli M. Z., Dayan S., Karaboğa Arslan A. K., Ünal G., Bozkurt N. M., Kestane S.  
11. Drug Chemistry Conference, Antalya, Turkey, 9 - 12 March 2023, pp.85
- VI. **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, Turkey, 9 - 12 November 2022
- VII. **Synthesis of New Thiosemicarbazone Derivatives and Evaluation of Their Cytotoxic Activity**  
Tok F., Bozkurt N. M., Karaboğa Arslan A. K.  
SECOND INTERNATIONAL CONGRESS ON BIOLOGICAL AND HEALTH SCIENCES, İstanbul, Turkey, 24 February - 27 March 2022, pp.95

## Supported Projects

---

- I. Ünal G., Taşkıran M., Bozkurt N. M., Akin A. T., TUBITAK Project, Investigation of the Effect of Chemogenetic Manipulations of Parvalbumin-Carrying Gabaergic Araneurons in Mice Using the Designed Receptors Activated by the Designed Drug (Dreadds) Method on Schizophrenia-Like Behavioral and Neurobiological Disorders and Antipsychotic Response, 2024 - 2027
- II. Uzunhisarcıklı E., Bozkurt N. M., Sağlam A., Project Supported by Higher Education Institutions, Glioblastoma Tedavisine Yönelik Olarak ROCK İnhibitörlerinin PTEN Gen Yolağı Üzerinden Etkinliğinin Değerlendirilmesi, 2024 - 2025

## Scientific Refereeing

---

- I. DUSUNEN ADAM, Journal Indexed in SCI-E, April 2024
- II. DUSUNEN ADAM, Journal Indexed in SCI-E, July 2023
- III. DUSUNEN ADAM, Journal Indexed in SCI-E, June 2023
- IV. DUSUNEN ADAM, Journal Indexed in SCI-E, March 2023

## Metrics

---

Publication: 14  
Citation (WoS): 21  
Citation (Scopus): 23  
H-Index (WoS): 3  
H-Index (Scopus): 3

## Congress and Symposium Activities

---

- I. 13th International Congress on Psychopharmacology & International Symposium on Child and Adolescent Psychopharmacology , Attendee, Antalya, Turkey, 2022

## Awards

---

- I. Bozkurt N. M., Adıgüzel E., Ünal G., Outstanding Research Presentations 3rd Place, 14 International Congress On Psychopharmacology & International Symposium On Child And Adolescent Psychopharmacology, October 2023
- II. Bozkurt N. M., Ünal G., Outstanding Research Presentations 3rd Place, 13Th International Congress On Psychopharmacology & International Symposium On Child And Adolescent Psychopharmacology , November 2022