

## Lect. MUHAMMED CİHAN GÜVEL

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 314640

### Education Information

Undergraduate, Hacettepe University, Tıp Fakültesi, Tıp Pr. (İngilizce), Turkey 2010 - 2016

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Health&Medicine, HPLC Analysis and Instrument Specialist Training, ETC Danışmanlık, 2024

Health&Medicine, Nörolojik Hastalıkların Deneysel Hayvan Modelleri Kursu, NÖROM, 2023

Health&Medicine, Klinik Toksikoloji Çevrimiçi Eğitim Serisi - 4 - Mantar Zehirlenmeleri, Turkish Pharmacological Society, 2023

Health&Medicine, Klinik Toksikoloji Çevrimiçi Eğitim Serisi - 3 - Adli Toksikoloji, Turkish Pharmacological Society, 2023

Project Management, Ön Kuluçka (Teknoloji Girişimcilik Eğitimi, Proje Döngüsü Yönetimi ve Sınai Haklar) Eğitimleri, Gazi University Technology Transfer Office, 2022

Health&Medicine, Klinik Toksikoloji Çevrimiçi Eğitim Serisi - 1 Zehirlenmelere Genel Yaklaşım, Turkish Pharmacological Association, 2022

Health&Medicine, BİYOİSTATİSTİK KURSU, Turkish Pharmacological Society, 2022

Health&Medicine, DENEY HAYVANLARI KULLANIM SERTİFİKASI EĞİTİMİ, YEDİTEPE UNIVERSTY, 2021

Health&Medicine, KADUZEM İLERİ İYİ KLİNİK UYGULAMALAR UZAKTAN EĞİTİM PROGRAMI, TURKISH CLINICAL RESEARCH ASSOCIATION, 2020

Health&Medicine, KADUZEM TEMEL İYİ KLİNİK UYGULAMALAR UZAKTAN EĞİTİM PROGRAMI, TURKISH CLINICAL RESEARCH ASSOCIATION, 2020

### Dissertations

Expertise In Medicine, Investigation of the Effects of Positive Allosteric Modulators of Nicotinic alpha-7 and AMPA Receptors on Cognitive Functions in an Animal Model of Insomnia, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2023

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology, Medical Pharmacology and Toxicology, Neurobiology, Biopsychology, Neurophysiology

## Academic Titles / Tasks

Research Assistant PhD, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2020 - Continues

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

- I. **Chronic administration of caffeine, modafinil, AVL-3288 and CX516 induces time-dependent complex effects on cognition and mood in an animal model of sleep deprivation**  
Güvel M. C., Aykan U., Paykal G., Uluoğlu C.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, 2024 (SCI-Expanded)
- II. **POTENTIALLY INAPPROPRIATE ANTIDEPRESSANT USE IN OLDER PEOPLE COMPARED WITH THE ADULT POPULATION IN TÜRKİYE**  
Karakuş O., Güvel M. C., İşli F., Aksoy M., Ergün H., Uluoğlu C.  
Turkish Journal of Geriatrics, vol.3, no.27, pp.280-291, 2024 (SCI-Expanded)
- III. **Evaluation of the Potentially Inappropriate Cardiovascular Medication Prescription in Elderly: A Nationwide Study in Turkey**  
Kitapçı M. T., Karakuş O., İşli F., Aksoy M., Güvel M. C., Uluoğlu C.  
The Anatolian Journal of Cardiology, vol.27, no.6, pp.328-338, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Neuropharmacologic modulation of the melatonergic system**  
Aykan U., Güvel M. C., Paykal G., Uluoğlu C.  
Exploration of Neuroscience, no.2, pp.287-306, 2023 (Peer-Reviewed Journal)
- II. **Melatonin and its Role in Gastrointestinal Pathologies**  
GÜVEL M. C., Skenderova A., ULUOĞLU C.  
GAZI MEDICAL JOURNAL, vol.32, no.4A, pp.680-685, 2021 (ESCI)

## Books & Book Chapters

- I. **Guidelines for Inappropriate Drug Use in the Elderly**  
Uluoğlu C., Güvel M. C.  
in: Geriatric Pharmacology and Pharmacotherapy, Uluoğlu Canan, Editor, Türkiye Klinikleri, Ankara, pp.36-40, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **KAFEİN, MODAFİNİL, AVL-3288 VE CX516'NİN KRONİK UYGULAMALARININ UYKUSUZLUK HAYVAN MODELİNDE BİLİŞSEL FONKSİYONLAR ÜZERİNE ETKİLERİNİN ARAŞTIRILMASI**  
Güvel M. C., Aykan U., Paykal G., Uluoğlu C.  
2. ULUSLARARASI 27. ULUSAL FARMAKOLOJİ KONGRESİ, Antalya, Turkey, 23 - 26 November 2023
- II. **Evaluation of potentially inappropriate prescribing detected by STOPP/START and TIME criteria**  
GÜVEL M. C., YILDIRIM BORAZAN F., DOĞAN VARAN H., GÖKER B., ULUOĞLU C.  
19th World Congress of Basic and Clinical Pharmacology, July 2nd-7th, 2023, Glasgow, Glasgow, England, 2 - 07 July 2023

### III. Peptik ülser modelinde sıçan fundus şeritlerinin elektriksel alan uyarısına verdiği nörojenik kasılma yanıtlarında melatonin ve nitrik oksidin rolü

Skenderova A., KOÇ D. S., GÜVEL M. C., ÖZTÜRK FİNCAN G. S., ULUOĞLU C.

26.Ulusal ve 1.Uluslararası Farmakoloji Kongresi, Turkey, 05 November 2021

## Supported Projects

ULUOĞLU C., TÜRKMEN S., PAYKAL G., BUKAN N., GÜVEL M. C., AYKAN U., Project Supported by Higher Education Institutions, Depresyon Hayvan Modelinde Kronik 2,4-Dinitrofenol Uygulamasının Duygudurum ve Kognitif Fonksiyonlar Üzerine Etkileri, 2023 - Continues

Uluoğlu C., Güvel M. C., Aykan U., Paykal G., TUBITAK Project, Investigation of the Effect of Agonists and Positive Allosteric Modulators of Nicotinic alpha-7 Receptors and AMPA Receptors on Cognitive Functions in Animal Models of Sleep Deprivation, 2022 - 2023

## Memberships / Tasks in Scientific Organizations

NÖROM, Member, 2024 - Continues, Turkey

Türk Farmakoloji Derneği, Member, 2022 - Continues, Turkey

## Metrics

Publication: 10

Citation (WoS): 3

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

32. Prof. Dr. Alaeddin AKCASU Farmakoloji Eğitiminde Kuşaklararası Bilimsel Etkileşme Sempozyumu, Invited Speaker, Ankara, Turkey, 2024

19TH WORLD CONGRESS OF BASIC & CLINICAL PHARMACOLOGY 2023, Attendee, Glasgow, England, 2023

31. Farmakoloji Eğitiminde Kuşaklararası Bilimsel Etkileşme Sempozyumu, Attendee, Antalya, Turkey, 2022

26th National and 1st International Pharmacology Congress, Attendee, İzmir, Turkey, 2021

## Non Academic Experience

Hospital, Ankara Child Health and Diseases Hematology Oncology Training and Research Hospital, PEDIATRICS

ANKARA DIŞKAPI ÇOCUK HASTALIKLARI EĞİTİM ARAŞTIRMA HASTANESİ

Public Corporation, OSMANİYE KADIRLI PUBLIC HEALTH CENTER, OSMANİYE KADIRLI TOPLUM SAĞLIĞI MERKEZİ