

## Asst. Prof. NUMAN TAŞPINAR

### Personal Information

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### International Researcher IDs

ScholarID: 1\_rseokAAAAJ

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Publons / Web Of Science ResearcherID: ABG-2334-2021

ScopusID: 56019884800

Yoksis Researcher ID: 42859

### Education Information

Doctorate, Ataturk University, Sağlık Bilimleri Enstitüsü, Tıbbi Farmakoloji (Dr), Turkey 2011 - 2017

Postgraduate, Ataturk University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (YI) (Tezli), Turkey 2008 - 2011

Undergraduate, Ataturk University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1996 - 2001

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Sıçanlarda pentilentetrazolle oluşturulan deneysel tutuşma modelinde glutamat taşıyıcılarının rolü, Ataturk University, Sağlık Bilimleri Enstitüsü, Tıbbi Farmakoloji (Dr), 2017

Postgraduate, Doğu Anadolu bölgesi FMF ( Ailesel Akdeniz Ateşi ) hastalığı MEFV gen mutasyonları dağılımlarının incelenmesi, Ataturk University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (YI) (Tezli), 2011

### Research Areas

Medicine

### Academic Titles / Tasks

Assistant Professor, Usak University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2017 - Continues

Research Assistant, Ataturk University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2012 - 2017

### Academic and Administrative Experience

Head of Department, Usak University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2023 - Continues

Ethics Committee Member, Usak University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2022 - 2023

## Courses

Hemşirelik Farmakolojisi, Undergraduate, 2023 - 2024  
Madde Bağımlılığının Psikofarmakolojisi ve Toksikolojisi, Postgraduate, 2022 - 2023  
Diş hekimliği-Farmakoloji, Undergraduate, 2022 - 2023  
FARMAKOLOJİ TIP DÖNEM III, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020  
Tıbbi Veri Tabanı Kullanımı, Undergraduate, 2021 - 2022, 2017 - 2018  
FARMAKOLOJİ TIP DÖNEM II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
KLİNİK FARMAKOLOJİ, Undergraduate, 2020 - 2021, 2019 - 2020  
DİŞ HEKİMLİĞİ FARMAKOLOJİ, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
HEMŞİRELİK FARMAKOLOJİSİ 1, Undergraduate, 2018 - 2019  
HEMŞİRELİK FARMAKOLOJİSİ I, Undergraduate, 2017 - 2018

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

- I. **Antileukemic potential of Nile blue-mediated photodynamic therapy on HL60 human myeloid leukemia cells**  
ÖZLEM ÇALIŞKAN S., KARADAĞ GÜREL A., Uzunok B., TAŞPINAR N., Akin B., Çalışkan M., İLİKÇİ SAĞKAN R.  
Turkish Journal of Biology, vol.47, no.4, pp.276-289, 2023 (SCI-Expanded)
- II. **The Synergistic Effect of Theranekron and Cisplatin on the Neuroblastoma (SH-SY5Y) Cell Line**  
TAŞPINAR N.  
Turkish Neurosurgery, vol.33, no.6, pp.1113-1119, 2023 (SCI-Expanded)
- III. **Differential effects of inhibitors of PTZ-induced kindling on glutamate transporters and enzyme expression**  
TAŞPINAR N., HACİMÜFTÜOĞLU A., Butuner S., Togar B., Arslan G., TAGHIZADEHGHALEHJOUGHİ A., OKKAY U., Ağar E., Stephens R., TÜRKEZ H., et al.  
Clinical and Experimental Pharmacology and Physiology, vol.48, no.12, pp.1662-1673, 2021 (SCI-Expanded)
- IV. **Orally disintegrating tablet containing carbamazepine and levetiracetam: formulation and in vitro and in vivo characterization**  
Kandilli B., UĞUR KAPLAN A. B., ÇETİN M., TAŞPINAR N., Genc S., Yeni Y., ERTUĞRUL M. S., AYDIN A. C., HACİMÜFTÜOĞLU A.  
Drug Development and Industrial Pharmacy, vol.47, no.7, pp.1153-1165, 2021 (SCI-Expanded)
- V. **Carbamazepine and levetiracetam-loaded PLGA nanoparticles prepared by nanoprecipitation method: in vitro and in vivo studies**  
Kandilli B., UĞUR KAPLAN A. B., ÇETİN M., TAŞPINAR N., ERTUĞRUL M. S., AYDIN A. C., HACİMÜFTÜOĞLU A.  
Drug Development and Industrial Pharmacy, vol.46, no.7, pp.1063-1072, 2020 (SCI-Expanded)
- VI. **The analgesic effect of metformin on paclitaxel-induced neuropathic pain model in rats: By considering pathological results**  
HACİMÜFTÜOĞLU A., Mohammadzadeh M., Hjoughi A. T., TAŞPINAR N., Togar B., Nalci K. A., OKKAY U., GÜNDOĞDU B.  
Journal of Cancer Research and Therapeutics, vol.16, no.1, pp.34-39, 2020 (SCI-Expanded)
- VII. **Effect of metformin/irinotecan-loaded poly-lactic-co-glycolic acid nanoparticles on glioblastoma: In vitro and in vivo studies**  
TAGHIZADEHGHALEHJOUGHİ A., HACİMÜFTÜOĞLU A., ÇETİN M., Uğur A. B., Galateanu B., Mezhuev Y., OKKAY U., TAŞPINAR N., Taspınar M., UYANIK A., et al.  
Nanomedicine, vol.13, no.13, pp.1595-1606, 2018 (SCI-Expanded)
- VIII. **Astrocyte/neuron ratio and its importance on glutamate toxicity: an in vitro voltammetric study**

HACIMÜFTÜOĞLU A., TATAR A., Cetin D., TAŞPINAR N., Saruhan F., OKKAY U., TÜRKEZ H., Unal D., Stephens R. L., SÜLEYMAN H.

Cytotechnology, vol.68, no.4, pp.1425-1433, 2016 (SCI-Expanded)

**IX. Protective effects of cyclosativene on H<sub>2</sub>O<sub>2</sub>-induced injury in cultured rat primary cerebral cortex cells**

TÜRKEZ H., Togar B., Di Stefano A., TAŞPINAR N., Sozio P.

Cytotechnology, vol.67, no.2, pp.299-309, 2015 (SCI-Expanded)

**X. In vitro cytotoxic, genotoxic, and oxidative effects of acyclic sesquiterpene farnesene**

Çelik K., Toğar B., TÜRKEZ H., TAŞPINAR N.

Turkish Journal of Biology, vol.38, no.2, pp.253-259, 2014 (SCI-Expanded)

## Articles Published in Other Journals

**I. Comparison with Spectrophotometric and Liquid Chromatographic Methods of Pharmaceutical Forms of Ivermectin**

Taşpinar N.

Medical records-international medical journal (Online), vol.5, no.1, pp.126-131, 2023 (Peer-Reviewed Journal)

**II. Cytotoxic Effect of Teranecrone and Doxorubicin on Human Colorectal Adenocarcinoma (CaCo-2) Cell Line**

TAŞPINAR N., ERTUĞRUL M. S.

Ege Tıp Bilimleri Dergisi, vol.5, no.3, pp.79-83, 2022 (Peer-Reviewed Journal)

**III. Alternative Analytical Methods for Quantification of Galantamine in Pharmaceuticals**

TAŞPINAR N., BULDUK İ.

Ege Tıp Bilimleri Dergisi, vol.5, no.2, pp.58-64, 2022 (Peer-Reviewed Journal)

**IV. Evaluation of Serum CTN $\beta$ /isub1/sub and E-cadherin Levels in Hepatitis Patients**

ŞAHİN A., ÇETİNKOL Y., CIRRIK S., ÇALGIN M. K., NOYAN T., TAŞPINAR N.

VIRAL HEPATIT DERGISI-VIRAL HEPATITIS JOURNAL, vol.26, no.3, pp.114-118, 2020 (ESCI)

**V. Smoking and Affecting Factors in Medical Education at the Beginning, Usak-2018**

BERBEROĞLU U., TAŞPINAR N., ÖZTAŞ D.

Ankara Medical Journal, vol.19, no.4, pp.745-752, 2019 (Peer-Reviewed Journal)

**VI. The effects Metformin/Irinotecan-loaded PLGA nanoparticles on glutamate re-uptake time and alteration EAAT1 gene expression level in vitro**

TAGHIZADEHGHHALEHJOUGHİ A., HACIMÜFTÜOĞLU A., ÇETİN M., Kaplan A. B. U., Butuner S., TAŞPINAR N., Mohammadzadeh M.

Nanomedicine Journal, vol.6, no.1, pp.35-42, 2019 (Scopus)

**VII. The effect of polymerization and preparation techniques on the microleakage of composite laminate veneers**

ÇELİK N., İŞCAN YAPAR M., TAŞPINAR N., SEVEN N.

Contemporary Clinical Dentistry, vol.8, no.3, pp.400-404, 2017 (Scopus)

**VIII. Once the Light Touch to the Brain Cytotoxic Effects of Low Dose Gamma Ray Laser Light and Visible Light on Rat Neuronal Cell Culture**

ÇAKIR M., çolak a., ÇALIKOĞLU Ç., TAŞPINAR N., SAĞSÖZ M. E., KADIOĞLU H. H., HACIMÜFTÜOĞLU A., SEVEN S.

EURASIAN JOURNAL OF MEDICINE, vol.48, no.2, pp.76-83, 2016 (Scopus)

## Books & Book Chapters

**I. Toksik Moleküller**

TAŞPINAR N.

in: Biyokimya, Ayşe Özdemir, Editor, İstanbul Tıp Kitabevleri, İstanbul, pp.215-223, 2022

## II. Antiepileptik İlaçlar

TAŞPINAR N.

in: Sağlık Bilimlerinde Teori ve Araştırmalar II (Cilt 2), Cem Evereklioğlu, Editor, Gecekitaplığı, Ankara, pp.470-498, 2020

## III. FARMAKOLOJİYE GİRİŞ

TAŞPINAR N.

in: Veteriner Farmakoloji ve Toksikoloji, Ahmet Hacımüftüoğlu, Editor, ATATÜRK ÜNİVERSİTESİ AÇIKÖĞRETİM FAKÜLTESİ YAYINI, Erzurum, pp.4-24, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Role of Unfolded Protein Response in Neutrophils in Patients with Gentamicin-Resistant and Susceptible Coagulase Negative Staphylococci (MRCNS) Bacteremia**  
VURAL KELEŞ D., USLU H., KELEŞ O. N., KAYNAR Ö., TAŞPINAR N., BAŞTOPÇU A.  
UNION OF THRACE UNIVERSITIES IV. INTERNATIONAL HEALTH SCIENCES CONGRESS, Kırklareli, Turkey, 11 - 12 November 2021, pp.13
- II. **Tip 2 Diyabetes Mellituslu Hastalarda Trombosit İndekslerinin Değerlendirilmesi.**  
ŞAHİN A., DURAN C., TAŞPINAR N.  
3rd International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 6 - 07 March 2020
- III. **INTERACTION of LISERGIC ACID DIETYLAMIDE WITH GLUTAMAT AND GLUTAMAT RECEPTORS**  
TAŞPINAR N.  
2nd International Health Sciences and Life Congress, 24 - 27 April 2019, pp.331-334
- IV. **SONO-PHOTODYNAMIC THERAPY: AN ALTERNATIVE TREATMENT METHODS**  
ÖZLEM ÇALIŞKAN S., TAŞPINAR N., UZUNOK B.  
2nd International Health Sciences and Life Congress, Burdur, Turkey, 24 April 2019, vol.351
- V. **Sonn-Photodynamic Therapy: An Alternative Treatment Methods**  
ÖZLEM ÇALIŞKAN S., TAŞPINAR N., UZUNOK B.  
2nd International Health Sciences and Life Congress, Burdur, Turkey, 24 - 27 April 2019
- VI. **Tıp Eğitimi Başlangıcında Sigara Kullanımı ve Etkileyen Faktörler, Uşak-2018.**  
BERBEROĞLU U., TAŞPINAR N.  
2. Uluslararası 20. Ulusal Halk Sağlığı Kongresi, Antalya, Turkey, 13 - 17 November 2018, pp.1481
- VII. **THE EFFECT OF CEFTRİAXONE IN EPILEPSY AND SEIZURES**  
TAŞPINAR N.  
1st INTERNATIONAL HEALTH SCIENCE AND LIFE CONGRESS, 2 - 05 May 2018
- VIII. **Epileptik aktivite oluşturulmuş sıçanlarda glutamat geri alım parametrelerinin değerlendirilmesi**  
TAŞPINAR N.  
24. Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017
- IX. **Escitalopram and serotonin reuptake parameters in animal model of chronic pain: an In vivo voltammetric study**  
HACİMÜFTÜOĞLU A., OKKAY U., NALCI K. A., TOĞAR B., TAŞPINAR N., AYDIN İ. Ç.  
Society for Neuroscience- Neuroscience 2017, Washington, Kiribati, 11 - 15 November 2017
- X. **Effects of ceftriaxone with/without excitatory amino acid transporter blockers on GBM cell line**  
NALCI K. A., HACİMÜFTÜOĞLU A., OKKAY U., taghizadehghalegjoughi a., TAŞPINAR N., TAŞPINAR M.  
Society for Neuroscience- Neuroscience 2017, Washington, Kiribati, 11 - 15 November 2017
- XI. **Comparison of Glutamate Transporter Activity in Glioblastoma Multiforme Cells with Astrocytes Using Invitro Voltammetry Technique and Examination of Glutamate and Glutamate Receptor Expression Levels**  
ŞENGÜL G., TAŞPINAR N., ZEYNAL M., HACİMÜFTÜOĞLU A., KADIOĞLU H. H.  
XVI. World Congress of Neurosurgery, İstanbul, Turkey, 20 - 24 August 2017, vol.27, pp.103
- XII. **Sıçanlarda paklitakselle oluşturulan nöropatik ağrı modelinde metformin in etkisi**

Mohammadzadeh M., HACİMÜFTÜOĞLU A., Taghizadehghalehjoughi a., TAŞPINAR N., NALCI K. A., Toğar B., OKKAY U., Bütüner S.

14. ULUSAL SİNİRBİLİM KONGRESİ, Ankara, Turkey, 26 - 29 May 2016

XIII. **Effects of irinotecan nanoparticles on viability rates of glioblastoma multiforme and neurons**

HACİMÜFTÜOĞLU A., TAGHİZADEHGHALEHJOUĞ A., TAŞPINAR N., NALCI K. A., TAŞPINAR M., OKKAY U., ÇETİN M., UYANIK A., BÜTÜNER S.

Society For Neuroscience, Sikar, India, 17 - 21 October 2015

XIV. **ONCE THE LIGHT TOUCH TO THE BRAIN: CYTOTOXIC EFFECTS OF LOW-DOSE GAMMA-RAY, LASER LIGHT, AND VISIBLE LIGHT ON RAT NEURONAL CELL CULTURE**

ÇAKIR M., ÇOLAK A., ÇALIKOĞLU Ç., TAŞPINAR N., SAĞSÖZ M. E., KADIOĞLU H. H., HACİMÜFTÜOĞLU A., SEVEN S. Türk Nöroşirürji Derneği 29. Bilimsel Kongresi, Turkey, 17 - 21 April 2015, vol.25, pp.274

XV. **Sıçan Nöron Kültüründe Hidrojen Peroksit Toksisitesi Üzerine Siklosativenin Koruyucu Etkisi**

TÜRKEZ H., stephano A. D., TOĞAR B., TAŞPINAR N. 22. Ulusal Biyoloji Kongeri, Eskişehir, Turkey, 23 - 27 June 2014

XVI. **The Effects of Different Polymerization and Preparation Techniques on the Microleakage of Composite Laminate Veneers**

ÇELİK N., İŞCAN YAPAR M., TAŞPINAR N., SEVEN N.

101st FDI Annual World Dental Congress, İstanbul, Turkey, 28 - 31 August 2013, vol.63, pp.247

XVII. **The effects of metformin and doxorubicin nanoparticles on glioblastoma multiforme cancer cultures**

HACİMÜFTÜOĞLU A., ÇETİN M., TAGHİZADEHGHALEHJOUĞHI A., BİNNETOĞLU D., TAŞPINAR N., SEVİNÇ ÖZAKAR R., ÖZAKAR E.

9th Nanoscience and Nanotechnology Conference (NanoTR-9), Erzurum, Turkey, 24 - 28 June 2013

XVIII. **Determinations of MEFV Gene Mutations Prevalence in The Familial Meditarian Fever FMF at the Region of East Anatoli**

TAŞPINAR N., DOĞAN H., ŞAHİN G. Z., BALKAN E., TOPÇU A., PİRİM İ.

4th International Congress on Cell Membranes and oxidative Stress: Focus on Calcium Signaling and TRP Channels, 26 - 29 June 2012

## Metrics

Publication: 39

Citation (WoS): 7

Citation (Scopus): 161

H-Index (WoS): 163

H-Index (Scopus): 7