

## Res. Asst. SÜEDA TUNÇAK

### Personal Information

**Email:** suedatuncak@uludag.edu.tr

**Web:** <https://avesis.uludag.edu.tr/suedatuncak>

### International Researcher IDs

ScholarID: 4PxLKzQAAAAJ

ORCID: 0000-0002-5723-0769

Publons / Web Of Science ResearcherID: AAH-1734-2021

Yoksis Researcher ID: 271349

### Education Information

Doctorate, Bursa Uludağ University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ, Turkey 2019 - Continues

Postgraduate, Bursa Uludağ University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ, Turkey 2016 - 2019

Undergraduate Double Major, Uskudar University, Faculty Of Human And Social Sciences, Department Of Psychology, Turkey 2013 - 2016

Undergraduate, Uskudar University, Faculty Of Engineering And Natural Sciences, Department Of Molecular Biology And Genetics, Turkey 2012 - 2016

### Foreign Languages

English, C2 Mastery

### Certificates, Courses and Trainings

Vocational Training, Deney Hayvanı Kullanım Kursu, Bursa Uludag Universitesi, 2016

### Dissertations

Postgraduate, Assessing Empathy Like Social Behavior in Valproic Acid Induced Autism Model of Rats, Bursa Uludağ University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ, 2019

### Research Areas

Neurobiology, Human Physiology

### Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ, 2018 - Continues

Researcher, The University of Lancaster, Faculty of Health and Medicine, Biomedical And Life Sciences, 2022 - 2022

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

- I. **Effects of Short-Term Uridine Treatment on Blood-Brain Barrier Integrity and Brain Edema in Li-Pilocarpine-Induced Status Epilepticus**  
Aydin B., ESMERCE B., ÇAKIR A., TUNÇAK S., KOÇ C., CANSEV M., ALKAN T.  
ACTA PHYSIOLOGICA, vol.237, pp.35, 2023 (SCI-Expanded)
- II. **Assessing Empathy Like Social Behavior in Valproic Acid Induced Autism Model of Rats**  
TUNÇAK S., GÖREN B., Uzbay T., Oz P.  
ACTA PHYSIOLOGICA, vol.227, pp.82, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects of thymoquinone on valproic acid-induced oxidative stress in perinatal rat brain**  
Tunçak S., Esmerce B., Aydin B., Gören B.  
Anatolian Journal of Botany, vol.7, no.1, pp.76-81, 2023 (Peer-Reviewed Journal)
- II. **Valproik Asitle İndüklenmiş Otizm Spektrum Bozukluğu Sıçan Modelinde Doğumsal Malformasyonlar**  
TUNÇAK S., GÖREN B., UZBAY İ. T., ÖZ P.  
ULUDAĞ ÜNİVERSİTESİ TIP FAKÜLTESİ DERGİSİ, vol.45, no.2, pp.151-156, 2019 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Inclusion of females in autism research; behavioural differences in valproic acid-induced rat model of autism**  
Tunçak S., Çakır A., Kahveci N., Gören B.  
Breakthroughs in Understanding Natural Behaviour and its Neural Underpinnings, Manchester, England, 10 - 11 September 2024, pp.14
- II. **Oral Communications: Assessment of olfactory response to social and non-social cues in valproic acid induced rat model of autism**  
Tunçak S., Koç S. E., Oy C., Mergen Ş., Göktalay G., Minbay F. Z., Gören B.  
Physiology in Focus 2024, Newcastle Upon Tyne, England, 2 - 04 July 2024, pp.59
- III. **USE OF HUMAN NEUROBLASTOMA CELL LINE TO DEVELOP AN IN VITRO MODEL TO STUDY AUTISM SPECTRUM DISORDERS**  
Tunçak S.  
IBRO 2023, Granada, Spain, 9 - 13 September 2023, pp.144
- IV. **Use of SH-SY5Y cell line to develop an in vitro model to study autism spectrum disorders**  
Tunçak S., Vulovic V., Menezes N., Tassinari I., Thomaz A., Bambini-Junior V.  
Physiology 2023, York, England, 10 - 12 July 2023, pp.84
- V. **EFFECTS OF THYMOQUINONE ON VALPROIC ACID-INDUCED OXIDATIVE STRESS IN PRENATAL RAT BRAIN**  
Tunçak S., Esmerce B., Aydin B., Gören B.  
INTERNATIONAL EUROASIA Congress on Scientific Researches and Recent Trends 10, Baku, Azerbaijan, 16 - 17 February 2023, pp.55
- VI. **Li-Pilokarpin ile İndüklenen Status Epilepticus Modelinde Kısa Süreli Üridin Tedavisinin Kan-Beyin Bariyeri ve Beyin Ödemi Üzerine Etkisi**  
AYDİN B., ESMERCE B., ÇAKIR A., TUNÇAK S., KOÇ C., CANSEV M., ALKAN T.  
Türk Fizyolojik Bilimler Derneği 47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 01 November 2022, pp.37
- VII. **Assessing Empathy Like Social Behavior in Valproic Acid Induced Autism Model of Rats**  
TUNÇAK S., GÖREN B., UZBAY İ. T., ÖZ P.  
Turkish Society of Physiological Sciences 45th National Physiology Congress, Turkey, 31 October - 03 November 2019
- VIII. **Development of Sensory Gating Mechanism in VPA-induced Rat Model of Autism Spectrum Disorder**

TUNÇAK S., GÖREN B., ÖZ P.

10. IBRO WORLD CONGRESS OF NEUROSCIENCE, 21 - 25 September 2019

IX. **Assesing Empathy in Valproic Acid Induced Autism Modelof Rats**

TUNÇAK S., GÖREN B., ÖZ P.

Europhysiology 2018, 14 - 16 September 2018

## **Metrics**

Publication: 13

## **Scholarships**

2211-A Genel Yurt İçi Doktora Burs Programı, TUBITAK, 2022 - Continues

Research Experience for Undergraduates, University, 2015 - 2015

Amgen Scholars Europe Programme, University, 2014 - 2014