

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