

Asst. Prof. BENGİ ÜNAL

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: G-5534-2018

Yoksis Researcher ID: 231763

Education Information

Doctorate, Rutgers, The State University of New Jersey, Graduate School, Behavioral and Neural Science, United States Of America 2007 - 2012

Postgraduate, Universiteit Utrecht, Master's Programme in Neuroscience and Cognition, Experimental and Clinical Neuroscience, Netherlands 2004 - 2006

Undergraduate, Bogazici University, Faculty Of Arts And Sciences, Department Of Psychology, Turkey 2000 - 2004

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Çanakkale Onsekiz Mart Üniversitesi, Hayvan Deneyleti Yerel Etik Kurulu, 2021

Dissertations

Doctorate, "Tyrosine hydroxylase-expressing interneurons in intact and dopamine-depleted striatum", Rutgers, The State University of New Jersey, Graduate School, 2012

Postgraduate, "The potential metaplastic effects of estrogen: A Multiple Memory Systems Perspective", Universiteit Utrecht, 2006

Research Areas

Psychology, Experimental Psychology, Neurobiology, Biopsychology, Neuroanatomy, Neurophysiology, Neurochemistry, Neurosystems

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Psikoloji, 2021 - Continues
Assistant Professor, Ted University, Faculty Of Arts And Sciences, Department Of Psychology, 2017 - 2021
Assistant Professor, Istanbul Medipol University, Faculty Of Human And Social Sciences, Department Of Psychology, 2015 - 2017
Researcher, Max Planck Florida Institute for Neuroscience, Disorders of Neural Circuit Function Research Group, 2013 - 2015

Academic and Administrative Experience

Ethics Committee Member, Ted University, Faculty Of Arts And Sciences, Department Of Psychology, 2018 - 2021

Courses

Eğitim Psikolojisi, Undergraduate, 2021 - 2022
Eğitim Psikolojisi, Undergraduate, 2020 - 2021
Genel Psikoloji, Undergraduate, 2020 - 2021

Advising Theses

Ünal B., The investigation of the link between perceived stress, perfectionism, body image perception and steroid hormones in late adolescent females during the menstrual cycle, Postgraduate, EURHAN(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Emotion perception bias associated with the hijab in Austrian and Turkish participants**
Korb S., Deniz T. C., Unal B., Clarke A., Silani G.
QUARTERLY JOURNAL OF EXPERIMENTAL PSYCHOLOGY, vol.75, no.5, pp.796-807, 2022 (SCI-Expanded)
- II. **Low-threshold spiking interneurons perform feedback inhibition in the lateral amygdala**
Unal Ç. T., Unal B., Bolton M. M.
BRAIN STRUCTURE & FUNCTION, vol.225, no.3, pp.909-923, 2020 (SCI-Expanded)
- III. **Anatomical and electrophysiological changes in striatal TH interneurons after loss of the nigrostriatal dopaminergic pathway**
Uenal B., Shah F., Kothari J., Tepper J. M.
BRAIN STRUCTURE & FUNCTION, vol.220, no.1, pp.331-349, 2015 (SCI-Expanded)
- IV. **SOCIAL ISOLATION STRESS REDUCES HIPPOCAMPAL LONG-TERM POTENTIATION: EFFECT OF ANIMAL STRAIN AND INVOLVEMENT OF GLUCOCORTICOID RECEPTORS**
Kamal A., Ramakers G. M. J., Altinbilek B., Kas M. J. H.
NEUROSCIENCE, vol.256, pp.262-270, 2014 (SCI-Expanded)
- V. **A Novel Functionally Distinct Subtype of Striatal Neuropeptide Y Interneuron**
Ibanez-Sandoval O., Tecuapetla F., Unal B., Shah F., Koos T., Tepper J. M.
JOURNAL OF NEUROSCIENCE, vol.31, no.46, pp.16757-16769, 2011 (SCI-Expanded)
- VI. **Electrophysiological and Morphological Characteristics and Synaptic Connectivity of Tyrosine Hydroxylase-Expressing Neurons in Adult Mouse Striatum**
Ibanez-Sandoval O., Tecuapetla F., Unal B., Shah F., Koos T., Tepper J. M.
JOURNAL OF NEUROSCIENCE, vol.30, no.20, pp.6999-7016, 2010 (SCI-Expanded)
- VII. **A SPECIFIC ROLE FOR GROUP II METABOTROPIC GLUTAMATE RECEPTORS IN HIPPOCAMPAL LONG-TERM DEPRESSION AND SPATIAL MEMORY**
Altinbilek B., Manahan-Vaughan D.

- NEUROSCIENCE, vol.158, no.1, pp.149-158, 2009 (SCI-Expanded)
- VIII. **Antagonism of group III metabotropic glutamate receptors results in impairment of LTD but not LTP in the hippocampal CA1 region, and prevents long-term spatial memory**
 Altinbilek B., Manahan-Vaughan D.
 EUROPEAN JOURNAL OF NEUROSCIENCE, vol.26, no.5, pp.1166-1172, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **The link between learning performance, immobility in the forced swim test, and hippocampal glia**
 Özcan T., Sara M. Y., Arıkan K. B., Ünal B., Ünal Ç. T.
 Experimental Biomedical Research, vol.5, no.1, pp.23-37, 2021 (Peer-Reviewed Journal)
- II. **Distribution of tyrosine hydroxylase-expressing interneurons with respect to anatomical organization of the neostriatum**
 Uenal B., Lbanez-Sandoval O., Shah F., Abercrombie E. D., Tepper J. M.
 FRONTIERS IN SYSTEMS NEUROSCIENCE, vol.5, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Current Directions in Laboratory Experiments in the Social Sciences**
 ÜNAL B.
 in: Methodologies and Ethics for Social Sciences Research, DEMİRCİOĞLU AYTEKİN, Editor, IGI Global, pp.228-246, 2024
- II. **Fizyolojik Psikoloji**
 Ünal B.
 Nobel Yayınevi, Ankara, 2021
- III. **Üreme**
 ÜNAL B.
 in: Fizyolojik Psikoloji, Nakşidil Torun Yazihan, Editor, nobel, Ankara, pp.443-466, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Japon Bildircinlerinda Kum Banyosunun Büyüme, Yumurta Verimi ve Yumurta Kalitesine Etkisi.**
 TÖLÜ C., ERDEM H., ÜNAL B., Ünal Ç. T., SAVAŞ T.
 13. Ulusal Zootekni Kongresi, Ankara, Turkey, 26 - 28 October 2023, vol.1, pp.8-9
- II. **Tracking sleep during the menstrual cycle: a study combining smart watch and self-report data**
 Yaygin B., Mouden B., Özkum Ö., Ünal B.
 The 26th Congress of the European Sleep Research Society, Athens, Greece, 29 September 2022, vol.31, pp.63
- III. **FARKLI GÖRSEL KOŞULLARIN, AYNA NÖRON SİSTEMLERİNE DAYANAN ÖNGÖRÜ PERFORMANSI ÜZERİNE ETKİSİ**
 ŞENGEZER S., OKASHA A., KARACA Ö., YAZ F., ÜNAL B., ÜNAL Ç. T., YOZGATLIGİL C., TURGUT A. E., ARIKAN K. B.
 58. ULUSAL NÖROLOJİ KONGRESİ, Antalya, Turkey, 23 November 2022
- IV. **HAREKET BOZUKLUKLARININ DENEYSEL ÇALIŞILMASINA MODEL ORGANİZMAOLARAK GÜVERCİNLER**
 Ünal B., Savaş T., Tölü C., Erdem H., Ünal Ç. T.
 58. ULUSAL NÖROLOJİ KONGRESİ, Antalya, Turkey, 21 November 2022, pp.85
- V. **Hareket Bozukluklarının Deneysel Çalışılmasına Model Organizma olarak Güvercinler.**
 ÜNAL B., ÜNAL Ç. T., ERDEM H., TÖLÜ C., SAVAŞ T.
 58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022, vol.1, pp.85

Metrics

Publication: 28

Citation (WoS): 404

Citation (Scopus): 414

H-Index (WoS): 7

H-Index (Scopus): 7

Non Academic Experience

MAX PLANCK FLORIDA INSTITUTE FOR NEUROSCIENCE