

Asst. Prof. BENGİ ÜNAL

Personal Information

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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

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 Edebiyat 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

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI)
- II. **Anatomical and electrophysiological changes in striatal TH interneurons after loss of the nigrostriatal dopaminergic pathway**
Unal B., Shah F., Kothari J., Tepper J. M.
BRAIN STRUCTURE & FUNCTION, vol.220, no.1, pp.331-349, 2015 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **Distribution of Tyrosine Hydroxylase-Expressing Interneurons with Respect to Anatomical Organization of the Neostriatum**
Ünal B.
FRONTIERS IN NEUROSCIENCE, vol.5, no.41, pp.1-11, 2011 (Journal Indexed in 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

Citations

Total Citations (WOS):316

h-index (WOS):6