

Assoc. Prof. TLİN YANIK

Personal Information

Fax Phone: [+90 +90 312 210 7976](tel:+903122107976)

Email: tyanik@metu.edu.tr

Web: <http://bio.metu.edu.tr/pp?un=tyanik>

Address: ODTU Biyolojik Bilimler Bl. Dumlupınar Bldv. Univesiteler Mh. No:1 Biyolojik Bilimler Blm Ankara 06800

International Researcher IDs

ScholarID: 8-lap-IAAAAJ

ORCID: 0000-0002-7191-2264

Publons / Web Of Science ResearcherID: ABA-1181-2020

ScopusID: 16641390700

Yoksis Researcher ID: 165091

Education Information

Doctorate, The George Washington University, Fen-Ed Fak., United States Of America 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, CATALASE ASSOCIATED PROTEINS IN PLANTS: A PROTECTIVE ASSOCIATION BETWEEN CATALASE AND ISOCITRATE LYASE , The George Washington University, Fen-Ed Fak., 2003

Research Areas

Natural Sciences

Academic Titles / Tasks

Lecturer, Manisa Celal Bayar University, Faculty Of Arts And Sciences, Department Of Biology, 1993 - 2002

Academic and Administrative Experience

Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 2010 - 2013

Courses

NEUROENDOCRINOLOGY, Postgraduate, 2021 - 2022

Endocrinology, Undergraduate, 2019 - 2020

Advising Theses

YANIK T., The effect of nanoscale surface topography on adhesion, proliferation and protein expression of neuronal cells, Doctorate, D.MİMİROĞLU(Student), 2022

YANIK T., Investigation of effects of hyperlipidemia on IRE1a and insulin signaling pathway in the cerebral cortex of APOE^{-/-} mice, Postgraduate, D.AK(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synergistic effect of nanostructured topography and CNF incorporation into silk fibroin films enhances mouse neuroblastoma cell functions**
MİMİROĞLU D., TUFAN Y., YANIK T., ERCAN B.
Surfaces and Interfaces, vol.45, 2024 (SCI-Expanded)
- II. **Neuroendocrinological and Clinical Aspects of Leptin.**
Yanik T., Durhan S. T.
Mini reviews in medicinal chemistry, 2023 (SCI-Expanded)
- III. **Specific Functions of Melanocortin 3 Receptor (MC3R)**
YANIK T., Durhan S. T.
Journal of clinical research in pediatric endocrinology, vol.15, no.1, pp.1-6, 2023 (SCI-Expanded)
- IV. **Nanophase surface arrays on poly (lactic-co-glycolic acid) upregulate neural cell functions**
Mimiroğlu D., Yanik T., Ercan B.
Journal of Biomedical Materials Research - Part A, vol.110, no.1, pp.64-75, 2022 (SCI-Expanded)
- V. **Neuropeptide Y is involved in the regulation of quiescence of hematopoietic stem cells**
Ulum B., Mammadova A., ÖZYÜNCÜ Ö., Uckan-Cetinkaya D., YANIK T., Aerts-Kaya F.
NEUROPEPTIDES, vol.80, 2020 (SCI-Expanded)
- VI. **A human carboxypeptidase E/NF-alpha 1 gene mutation in an Alzheimer's disease patient leads to dementia and depression in mice**
Cheng Y., Cawley N. X., YANIK T., Murthy S. R. K., Liu C., Kasikci F., Abebe D., Loh Y. P.
TRANSLATIONAL PSYCHIATRY, vol.6, 2016 (SCI-Expanded)
- VII. **Dysregulation of hypothalamic modulation in olanzapine treated male rats**
Sezlev-Bilecen D., AK M., YANIK T.
PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY, vol.71, pp.103-107, 2016 (SCI-Expanded)
- VIII. **Effects of risperidone treatment on the expression of hypothalamic neuropeptide in appetite regulation in Wistar rats**
Kursungoz C., AK M., YANIK T.
BRAIN RESEARCH, vol.1596, pp.146-155, 2015 (SCI-Expanded)
- IX. **Weight Gain in Risperidone Therapy Investigation of Peripheral Hypothalamic Neurohormone Levels in Psychotic Patients**
YANIK T., Kursungoz C., Sutcigil L., Ak M.
JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY, vol.33, no.5, pp.608-613, 2013 (SCI-Expanded)
- X. **The investigation of leptin and hypothalamic neuropeptides role in first attack psychotic male patients: Olanzapine monotherapy**
AK M., Sezlev D., Sutcigil L., Akarsu S., Ozgen F., YANIK T.
PSYCHONEUROENDOCRINOLOGY, vol.38, no.3, pp.341-347, 2013 (SCI-Expanded)
- XI. **THE ROLE OF CENTRAL NEUROPEPTIDES IN WEIGHT GAIN CAUSED BY OLANZAPINE**

Sezlev D., Ak M., YANIK T., Kursungoz C., Akarsu S., Sutcgil L.

EUROPEAN PSYCHIATRY, vol.28, 2013 (SCI-Expanded)

XII. Systemic Delivery of Bioactive Glucagon-Like Peptide 1 after Adenoviral-Mediated Gene Transfer in the Murine Salivary Gland

Voutetakis A., Cotrim A. P., Rowzee A., Zheng C., Rathod T., Yanik T., Loh Y. P., Baum B. J., Cawley N. X.

ENDOCRINOLOGY, vol.151, no.9, pp.4566-4572, 2010 (SCI-Expanded)

XIII. Obese carboxypeptidase E knockout mice exhibit multiple defects in peptide hormone processing contributing to low bone mineral density

Cawley N. X., Yanik T., Woronowicz A., Chang W., Marini J. C., Loh Y. P.

AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM, vol.299, no.2, 2010 (SCI-Expanded)

XIV. The Leu34Phe proCART mutation leads to cocaine- and amphetamine-regulated transcript (CART) deficiency: A possible cause for obesity in humans

Yanik T., Dominguez G., Kuhar M., Del Giudice E., Loh Y.

ENDOCRINOLOGY, vol.147, no.1, pp.39-43, 2006 (SCI-Expanded)

XV. A protective association between catalase and isocitrate lyase in peroxisomes

Yanik T., Donaldson R.

ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol.435, no.2, pp.243-252, 2005 (SCI-Expanded)

XVI. The carboxypeptidase E knockout mouse exhibits endocrinological and behavioral deficits

Cawley N., Zhou J., Hill J., Abebe D., Romboz S., Yanik T., Rodriguiz R., Wetsel W., Loh Y.

ENDOCRINOLOGY, vol.145, no.12, pp.5807-5819, 2004 (SCI-Expanded)

Books & Book Chapters

I. Techniques in neuropeptides processing, trafficking, and secretion

Cawley N. X., YANIK T., Loh Y. P., Arnatuova I., Lou H., Patel N.

in: Neurochemistry Neuropeptide Techniques, Illana Gozes, Editor, Springer protocols, pp.67-96, 2007

Refereed Congress / Symposium Publications in Proceedings

I. Design of a Guidance System for an Airlaunch Rocket Using Iterative Guidance Mode

Yanik T., Söken H. E.

10th International Conference on Recent Advances in Air and Space Technologies, RAST 2023, İstanbul, Turkey, 7 - 09 June 2023

Supported Projects

YANIK T., MENĞİ N., Project Supported by Higher Education Institutions, Hiperlipidemiye Bağlı İnflamasyonun Beyin Üzerine Etkileri ve PERK Yolağı Modülasyonu ile Hiperlipidemik Nöronal Disfonksiyonun Potansiyel Tedavisi, 2022 - 2023

YANIK T., Project Supported by Higher Education Institutions, Obez Anne Sıçanların Yavrularının Pankreatik Beta Hücrelerinin Transdönüşümünün İncelenmesi Transkriptom Analizi, 2021 - 2022

YANIK T., Project Supported by Higher Education Institutions, ADAY CART RESEPTÖR GENLERİYLE ERK FOSFORİLASYONUNUN ANALİZİ, 2017 - 2017

YANIK T., Project Supported by Higher Education Institutions, YÜKSEK YAĞLI DİYET İLE DENEYSSEL OBEZİTE OLUŞTURULAN SIÇANLARIN SEREBTAL KORTEKSLERİNDE MTOKONDİRİ İLİŞKİLİ ER MEMBRANLARIN İNCELENMESİ, 2017 - 2017

YANIK T., Project Supported by Higher Education Institutions, AŞIRI YAĞLI BESLENMEYE BAĞLI OBEZ SIÇANLARIN SEREBRAL KORTEKSLERİNDE ENDOPLAZMİK RETİKULUM STRESİNİN İNCELENMESİ, 2017 - 2017

YANIK T., Project Supported by Higher Education Institutions, NÖRON HÜCRELERİNDE İLE22MET
PROOPİOMELANOCORTİN MUTASYONUNUN HÜCRESEL MEKANİZMASININ İNCELENMESİ, 2017 - 2017

Scientific Refereeing

TUBİTAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Middle East Technical University, Turkey, September 2021

TUBİTAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Middle East Technical University, Turkey, September 2021

TUBİTAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Middle East Technical University, Turkey, September 2021

Scientific Consultations

TÜBİTAK, Other, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey, 2022 - Continues

TÜBİTAK, Scientific Consultancy, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey, 2022 - 2022

TUBİTAK, Scientific Consultancy, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey, 2021 - 2021

Metrics

Publication: 32

Citation (WoS): 261

Citation (Scopus): 238

H-Index (WoS): 9

H-Index (Scopus): 8

Non Academic Experience

METU

National Institutes of Health, Maryland, ABD