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Kişisel Bilgiler

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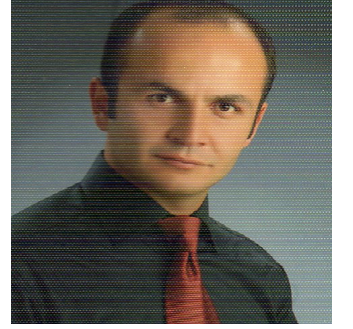
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Eğitim Bilgileri

Doktora, Eskişehir Osmangazi Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Fizyoloji (Dr),
Türkiye 2004 - 2009

Araştırma Alanları

Nörofizyoloji

Akademik Unvanlar / Görevler

Doç. Dr., Eskişehir Osmangazi Üniversitesi, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ BÖLÜMÜ, 2015 - Devam Ediyor
Yrd. Doç. Dr., Eskişehir Osmangazi Üniversitesi, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ BÖLÜMÜ, 2014 - 2015
Uzman, Eskişehir Osmangazi Üniversitesi, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ BÖLÜMÜ, 2009 - 2014

Akademik İdari Deneyim

Post Doctoral Fellow, Boston University, School of Medicine, Alzheimer' Disease Center, 2016 - 2016
Post Doctoral Associate, Boston University, School of Medicine, Alzheimer's Disease Center, 2010 - 2012

Verdiği Dersler

FİZYOLOJİ (TIP FAKÜLTESİ), Lisans, 2016 - 2017

DİŞ HEKİMLİĞİ FİZYOLOJİ, Lisans, 2016 - 2017

EBELİK FİZYOLOJİ, Lisans, 2016 - 2017

HEMSİRELİK FİZYOLOJİ, Lisans, 2016 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- The Effects of Carvacrol on Transient Receptor Potential (TRP) Channels in an Animal Model of Parkinson's Disease**
Akan T., AYDIN Y., KORKMAZ O. T., ULUPINAR E., SAYDAM F.

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- II. **Vasoactive Intestinal Peptide Differentially Modulates Neurogenesis in Experimental Parkinson's Disease Models**
MERAL EVİŞ C. C., KORKMAZ O. T., Tuncel N.
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- III. **Neuroprotective Effects of Vasoactive Intestinal Peptide (VIP) and Pituitary Adenylate Cyclase-Activating Polypeptide-38 (PACAP-38) in Amyotrophic Lateral Sclerosis (ALS) Mouse Model**
Yilmaz I. T., KORKMAZ O. T., KUŞ G., Kaya E. M. O., MERAL EVİŞ C. C., ESER M., ULUPINAR E., Tuncel N.
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- IV. **Investigation of the pharmacokinetic properties and theoretical chemical activities of 7,8-dihydroxyflavone and 4'-dimethylamino-7,8-dihydroxyflavone**
Karakaya M. F., Gokalp F., ŞENER E., KORKMAZ O. T.
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- V. **The Relationship between Parkinson's Disease and TRP Channels; Possible Therapeutic Effects of Carvacrol**
Koca T., Aydın Y., Korkmaz O. T., Ulupınar E., Saydam F.
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- VI. **Can Brain-derived Neurotrophic Factor (BDNF) Mimetics be a Way Out for Neurodegenerative Diseases?**
KORKMAZ O. T.
Current Pharmaceutical Design, cilt.29, sa.4, ss.246-250, 2023 (SCI-Expanded)
- VII. **Vasoactive intestinal peptide (VIP) conducts the neuronal activity during absence seizures: GABA seems to be the main mediator of VIP**
KORKMAZ O. T., Arkan S., Öncü-Kaya E. M., ATEŞ N., Tunçel N.
Neuroscience Letters, cilt.765, 2021 (SCI-Expanded)
- VIII. **Determination of Ochratoxin-A in the brain microdialysates and plasma of awake, freely moving rats using ultra high performance liquid chromatography fluorescence detection method**
Kaya E. M. O., KORKMAZ O. T., Ugur D. Y., ŞENER E., Tuncel A. N., Tuncel M.
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- IX. **Vasoactive Intestinal Peptide Decreases -Amyloid Accumulation and Prevents Brain Atrophy in the 5xFAD Mouse Model of Alzheimer's Disease**
Korkmaz O. T., Ay H., Aytan N., Carreras I., Kowall N. W., Dedeoglu A., Tuncel N.
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- X. **Advantages of Vasoactive Intestinal Peptide for the Future Treatment of Parkinson's Disease**
KORKMAZ O. T., Tuncel N.
CURRENT PHARMACEUTICAL DESIGN, cilt.24, sa.39, ss.4693-4701, 2018 (SCI-Expanded)
- XI. **Modulation of Corpus Striatum Neurochemistry by Astrocytes and Vasoactive Intestinal Peptide (VIP) in Parkinsonian Rats**
Yelkenli I. H., Ulupınar E., Korkmaz O. T., Şener E., Kuş G., Filiz Z., Tuncel N.
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- XII. **7,8-Dihydroxyflavone improves motor performance and enhances lower motor neuronal survival in a mouse model of amyotrophic lateral sclerosis**
KORKMAZ O. T., Aytan N., Carreras I., Choi J., Kowall N. W., Jenkins B. G., Dedeoglu A.
NEUROSCIENCE LETTERS, cilt.566, ss.286-291, 2014 (SCI-Expanded)
- XIII. **Vasoactive Intestinal Peptide Enhances Striatum Plasticity and Prevents Dopaminergic Cell Loss in Parkinsonian Rats**
Korkmaz O. T., Ay H., Ulupınar E., Tuncel N.
JOURNAL OF MOLECULAR NEUROSCIENCE, cilt.48, sa.3, ss.565-573, 2012 (SCI-Expanded)
- XIV. **Antioxidant and Anti-Apoptotic Activity of Vasoactive Intestinal Peptide (VIP) Against 6-Hydroxy Dopamine Toxicity in the Rat Corpus Striatum**

- Tuncel N., KORKMAZ O. T., Tekin N., ŞENER E., AKYÜZ F., Inal M.
JOURNAL OF MOLECULAR NEUROSCIENCE, cilt.46, sa.1, ss.51-57, 2012 (SCI-Expanded)
- XV. **A simple and sensitive LC-ESI-MS (ion trap) method for the determination of bupropion and its major metabolite, hydroxybupropion in rat plasma and brain microdialysates**
YENİCELİ D., ŞENER E., KORKMAZ O. T., Dogrukol-Ak D., Tuncel N.
TALANTA, cilt.84, sa.1, ss.19-26, 2011 (SCI-Expanded)
- XVI. **Vasoactive Intestinal Peptide (VIP) Treatment of Parkinsonian Rats Increases Thalamic Gamma-Aminobutyric Acid (GABA) Levels and Alters the Release of Nerve Growth Factor (NGF) by Mast Cells**
KORKMAZ O. T., Tuncel N., Tuncel M., Oncu E. M., ŞAHİNTÜRK V., Celik M.
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- XVII. **The Effects of Vasoactive Intestinal Peptide on Dura Mater Nitric Oxide Levels and Vessel-Contraction Responses in Sympsectomized Rats**
TÖRE F., KORKMAZ O. T., Dogrukol-Ak D., Tuncel N.
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- XVIII. **Determination of carbamazepine and its main metabolite carbamazepine-10, 11-epoxide in rat brain microdialysate and blood using ESI-LC-MS (ion trap)**
Sener E., KORKMAZ O. T., Yeniceli D., Dogrukol-Ak D., Tuncel M., Tuncel N.
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Parkinson Hastalığı ve TRP Kanallarının İlişkisi; Karvakrol'ün Olası Tedavi Edici Etkileri**
Koca T., Aydın Y., Korkmaz O. T., Ulupınar E., Saydam F.
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- II. **Therapeutic efficacy of vasoactive intestinal peptide (VIP) and pituitary adenylate cyclase activating polypeptide (PACAP) in amyotrophic lateral sclerosis (ALS) mouse model**
Yılmaz I. T., KORKMAZ O. T., KUŞ G., ÖNCÜ KAYA E. M., MERAL EVİŞ C. C., ESER M., ULUPINAR E., TUNÇEL A. N.
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- III. **Investigation of the effects of 7,8-Dihydroxyflavone on motor neurons in amyotrophic lateral sclerosis model mice**
KORKMAZ O. T.
HODJA AKHMET YASSAWI 6th International Conference on Scientific Research, Lankaran, Azerbaycan, 13 Mayıs 2022
- IV. **Bir seramidöz inhibitörü olan N-Oleoylethanolamine bileşiğinin AS49 ve Beas-2B hücreleri üzerindeki sitotoksik ve morfolojik değişimlerinin araştırılması**
ÇÖMLEKÇİ E., İZGÖRDÜ H., VEJSELOVA SEZER C., KORKMAZ O. T., KUTLU H. M.
1. INTERNATIONAL MULTIDISCIPLINARY CANCER RESEARCH CONGRESS, 18 - 22 Eylül 2019
- V. **LC-MS/MS Method for the Determination of Lamotrigine in Human Plasma**
ŞENER E., AK D., KORKMAZ O. T.
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- VI. **Development of UHPLC-FLD method for the determination of T-2 and HT-2 toxins in rat plasma and brain microdialysate samples**
ÖNCÜ KAYA E. M., KORKMAZ O. T., Sener Z. A.
8th Black Sea Basin Conference on Analytical Chemistry, İstanbul, Türkiye, 9 - 11 Mayıs 2018
- VII. **VASOACTIVE INTESTINAL PEPTIDE (VIP) DECREASES β -AMYLOID ACCUMULATION AND PREVENTS BRAIN ATROPHY IN 5XFAD MOUSE MODEL OF ALZHEIMER'S DISEASE**
KORKMAZ O. T., AY H., AYTAN N., CARRERAS I., KOWALL N., DEDEOĞLU A., TUNÇEL A. N.
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- VIII. **VIP, VPAC-1 AND VPAC-2 EXPRESSION IN ADIPOCYTES CELLS OF INTERSCAPULAR AND**

SUBCUTANEOUS TISSUE: EFFECTS OF COLDEXPOSURE

DEMİRBAŞ B., KORKMAZ O. T., SAYDAM F., CHALDAKOV G., TUNÇEL A. N.

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- IX. **Determination of Mycotoxin in Rat Plasma Samples by Ultra High Performance Liquid Chromatography with Fluorescence Detection**
ÖNCÜ KAYA E. M., KORKMAZ O. T., YENİCELİ UĞUR D., TUNÇEL A. N., TUNCEL M., AKDER O.
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- X. **A Simple and Sensitive UHPLC Method for The Determination of Ochratoxin A and Its Application to Biological Samples**
ÖNCÜ KAYA E. M., KORKMAZ O. T., AKDERE O., YENİCELİ UĞUR D., TUNÇEL A. N., TUNCEL M.
28. Ulusal Kimya Kongresi, Mersin, Türkiye, 15 - 21 Ağustos 2016
- XI. **Alteration of VIP VPAC1 and VPAC2 gene expression in brown and white adipose tissues of the rats during cold exposure**
KORKMAZ O. T., DEMİRBAŞ B., SAYDAM F., DEĞİRMENCİ İ., CHALDAKOV G., TUNÇEL A. N.
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- XII. **The effects of vasoactive intestinal peptide VIP on absence epilepsy**
ARKAN S., KORKMAZ O. T., KARSON A., ATEŞ N., TUNÇEL A. N.
The 10th FENS Forum of Neuroscience, 2 - 06 Temmuz 2016
- XIII. **The chronic and acute effects of VIP on absence seizures**
ARKAN S., KORKMAZ O. T., KARSON A., ATEŞ N., TUNÇEL A. N.
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- XIV. **The effects of VIP application on somatosensorial cortex of WAG Rij rats**
KORKMAZ O. T., ÖNCÜ KAYA E. M., ARKAN S., KARSON A., ATEŞ N., TUNÇEL A. N., KILIÇDOĞAN C., DEMİRBAŞ B., AKDERE O.
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- XV. **Modulated corpus striatal neurochemistry by 6 OHDA astrocytes and VIP in parkinsonian rats astrocytes are vanguard defensive cell and VIP prefers neurons to induce ADNP and GAD**
ULUPINAR E., YELKENLİ İ., KORKMAZ O. T., ŞENER E., KUŞ G., FİLİZ Z., TUNÇEL A. N.
12th International Symposium on VIP-PACAP and Related Peptides, 21 - 26 Eylül 2015
- XVI. **LC MS MS method for the determination of levetiracetam in rat brain microdialysate**
AK D., ŞENER E., KORKMAZ O. T., GENÇ L.
11th International Symposium on Pharmaceutical Sciences, 9 - 12 Haziran 2015
- XVII. **LC MS MS method development for the new antiepileptic drugs from patient's blood**
ŞENER E., AK D., KORKMAZ O. T., TORUN Ş., GENÇ L., TUNÇEL A. N.
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- XVIII. **Simultaneous determination of zonosamide carbamazepine phenytoin and ethosuximide by LC PDA in rat plasma**
ŞENER E., KIRAL M., BEKTAŞ TÜRKMEN N., KORKMAZ O. T., YENİCELİ D.
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- XIX. **Voltammetric determination of neurotransmitter dopamine in rat brain microdialysate at a carbon paste electrode modified with poly glutamic acid**
TALAY PINAR P., ŞENTÜRK Z., TUNÇEL A. N., KORKMAZ O. T.
10th international electrochemistry meeting in Turkey, Konya, Türkiye, 4 - 08 Eylül 2013
- XX. **Electrochemical determination of neurotransmitter serotonin in rat brain microdialysate using poly glutamic acid modified carbon electrode**
TALAY PINAR P., ŞENTÜRK Z., TUNÇEL A. N., KORKMAZ O. T.
XVII European conference on analytical chemistry (Euroanalysis 2013), Warszawa, Polonya, 25 - 29 Ağustos 2013
- XXI. **Vasoactive Intestinal Peptide (VIP) enhances the striatal plasticity and prevents dopaminergic cell loss in Parkinsonian rats**
Tuncel N., KORKMAZ O. T., ULUPINAR E., AY H.
10th International Symposium on VIP-PACAP and Related Peptides, Eilat, İsrail, 13 - 16 Aralık 2011, cilt48

- XXII. **7 8 Dihydroxyflavone improves motor performance and enhances lower motor neuronal survival in a mouse model of amyotrophic lateral sclerosis**
KORKMAZ O. T.
Neuroscience 2012, New Orleans, Amerika Birleşik Devletleri, 15 - 19 Ekim 2012
- XXIII. **A simple and sensitive LC ESI MS method for the determination of bupropion and its major metabolite hydroxybupropion in fat plasma and brain microdialysates**
YENİCELİ D., ŞENER E., KORKMAZ O. T., AK D., TUNÇEL A. N.
10th International symposium on pharmaceutical sciences, Ankara, Türkiye, 26 - 29 Haziran 2012
- XXIV. **Vasoactive Intestinal Peptide Enhances Striatal Plasticity and Prevents Dopaminergic Cell Loss in Parkinsonian Rats**
TUNÇEL A. N., KORKMAZ O. T., AY H., ULUPINAR E.
10th International symposium on VIP-PACAP and related peptides, Eliat, İsrail, 13 - 16 Aralık 2011
- XXV. **Anti oxidant and anti apoptotic actions of vasoactive intestinal peptide on the parkinsonian rats**
KORKMAZ O. T., TEKİN N., ŞENER E., TUNÇEL A. N., AKYÜZ F., İNAL M.
European neuropeptide conference, Boston, 22 - 25 Mayıs 2011
- XXVI. **Antioxidant and anti-apoptotic activity of vasoactive intestinal peptide (VIP) against 6-hydroxy dopamine toxicity in the rat corpus striatum**
KORKMAZ O. T., TUNÇEL N., TEKİN N., ŞENER E., AKYÜZ F., İNAL M.
Summer Neuropeptide Conference and the European Neuropeptide Club (ENC) Meeting, 22 - 25 Mayıs 2011, ss.173-201
- XXVII. **Vazoaktif intestinal peptidin dünü bugünü ve yarını**
TUNÇEL A. N., KORKMAZ O. T.
36. Ulusal Fizyoloji Kongresi, Edirne, Türkiye, 14 - 17 Eylül 2010
- XXVIII. **Deneyisel Parkinson modelinde vazoaktif intestinal peptit (VIP)'xxin antioksidan ve antiapoptotik etkileri**
KORKMAZ O. T., TEKİN N., ŞENER E., TUNÇEL N., AKYÜZ F., İNAL M.
9.Ulusal Sinirbilimleri Kongresi, Türkiye, 13 - 17 Nisan 2010, cilt.16, ss.140
- XXIX. **The effects of vasoactive intestinal peptide on dura mater nitric oxide levels and vessel contraction responses in sympathectomized rats**
TÖRE F., KORKMAZ O. T., TUNÇEL A. N., ŞENER E.
8. Ulusal Sinirbilim Kongresi, Bolu, Türkiye, 20 - 24 Nisan 2009
- XXX. **VASOACTIVE INTESTINAL PEPTIDE (VIP) TREATMENT OF PARKINSONIAN RATS INCREASES IN THALAMIC GAMMA AMINO BUTYRIC ACID (GABA) LEVELS, AND CHANGES NERVE GROWTH FACTOR (NGF) RELEASE OF BRAIN MAST CELLS**
Tuncel N., KORKMAZ O. T., Tuncel M., Oncu E. M., Sahinturk V., Celik M.
Joint Meeting of the European-Neuropeptides-Club/Summer Neuropeptides Conference, Salzburg, Avusturya, 20 - 23 Temmuz 2009, cilt.43, ss.424
- XXXI. **Vasoactive intestinal peptide treatment of parkinsonian rats increases in thalamic GABA levels and changes NGF release of brain mast cels**
KORKMAZ O. T., TUNÇEL A. N., TUNÇEL M., ÖNCÜ KAYA E. M., ŞAHİNTÜRK V., ÇELİK M.
Neuropeptide festival, Salzburg, Avusturya, 20 - 23 Temmuz 2009
- XXXII. **The determination of GABA using HPLC with fluorescence detection and its application to brain microdialysates**
ÖNCÜ KAYA E. M., KORKMAZ O. T., TUNÇEL M., TUNÇEL A. N.
International symposium on capillary chromatography and electrophoresis, Portland, Amerika Birleşik Devletleri, 17 - 21 Mayıs 2009
- XXXIII. **Determination of carbamazepine and its main metabolite carbamazepine 10 11 epoxide in rat brain microdialysate and blood using ESI LC MS Ion trap**
ŞENER E., KORKMAZ O. T., YENİCELİ D., AK D., TUNÇEL M., TUNÇEL A. N.
Pharmaceutal science world conress 3. PSWC, Amsterdam, Hollanda, 22 - 25 Aralık 2007

Bilimsel Dergilerdeki Faaliyetler

Journal of Alzheimers & Neurodegenerative Diseases, Yayın Kurul Üyesi, 2015 - Devam Ediyor
Advances in Parkinson's Disease, Yayın Kurul Üyesi, 2012 - Devam Ediyor

Bilimsel Kuruluşlardaki Üyelikler / Görevler

1003 Nörodejeneratif Hastalıklar, Danışma Kurulu Üyesi, 2015 - 2016, Türkiye

Metrikler

Yayın: 51

Atıf (WoS): 261

Atıf (Scopus): 291

H-İndeks (WoS): 8

H-İndeks (Scopus): 9

Burslar

İbuprofenin Tau Patolojisine Etkileri, TÜBİTAK, 2010 - 2011

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