

Prof. FILİZ ONAT

Personal Information

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Education Information

Doctorate, Marmara University, Institute Of Health Sciences, Farmakoloji (Bütünleşik Dr), Turkey 1988 - 1992

Undergraduate, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Cerrahpaşa Tıp Pr., Turkey 1979 - 1985

Academic Titles / Tasks

Professor, Marmara University, Epilepsi Araştırma Ve Uygulama Merkezi, 2005 - Continues

Professor, Marmara University, School Of Medicine, Internal Medical Sciences, 1992 - Continues

Academic and Administrative Experience

Acibadem Mehmet Ali Aydınlar University, 2021 - Continues

Marmara University, 2017 - 2020

Courses

Pharmacotherapy in venous thromboembolic disease, Undergraduate, 2000 - 2001, 2001 - 2002, 2002 - 2003, 2003 - 2004, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2020 - 2021

Pharmacotherapy of diabetes mellitus, Undergraduate, 2017 - 2018, 2018 - 2019

Clinical pharmacology of opioids, Undergraduate, 2017 - 2018, 2018 - 2019

Pharmacotherapy in peripheral arterial occlusive diseases, Undergraduate, 2000 - 2001, 2001 - 2002, 2002 - 2003, 2003 - 2004, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2017 - 2018, 2018 - 2019

Introduction to CNS pharmacology, Undergraduate, 2017 - 2018, 2018 - 2019

Basic principles of action of drugs affecting neurotransmission, Undergraduate, 2017 - 2018, 2018 - 2019

Basic principles of therapeutic drug monitoring and pharmacogenetics, Undergraduate, 2017 - 2018, 2018 - 2019

Essentials of drug-drug interactions, Undergraduate, 2017 - 2018, 2018 - 2019

Pharmacotherapy of psychosis, Undergraduate, 2017 - 2018, 2018 - 2019

Pharmacotherapy in epilepsy, Undergraduate, 2018 - 2019

PHARMACOTHERAPY IN BACTERIAL INFECTIONS: PENICILLINES, Undergraduate, 2000 - 2001, 2001 - 2002, 2002 - 2003, 2003 - 2004, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2016 - 2017, 2017 - 2018, 2018 - 2019

PHARMACOTHERAPY IN BACTERIAL INFECTIONS: CEPHALOSPORINS, Undergraduate, 2000 - 2001, 2001 - 2002, 2002 - 2003, 2003 - 2004, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

DENEYSSEL FARMAKOLOJİ ARAŞTIRMA TEKNİKLERİ, Postgraduate, 2014 - 2015, 2018 - 2019

İLAÇ GELİŞTİRME VE DEĞERLENDİRME, Postgraduate, 2014 - 2015, 2017 - 2018

Pharmacotherapy in bacterial infections: Penicillins, Undergraduate, 2014 - 2015, 2015 - 2016

Sinir Bilimlerine Giriş, Doctorate, 2015 - 2016

Sinaptik Fizyolojinin Hücresel Temeli ve Farmakolojisi, Doctorate, 2015 - 2016

DeneySEL Farmakoloji Araştırma Teknikleri, Doctorate, 2014 - 2015

Epilepsi Penceresinden Nörobilim Felsefesi, Doctorate, 2014 - 2015

Advising Theses

Onat F., 20, 30 ve 60 Günlük Wistar Kontrol ve GAERS Sıçanlarda Kindling Sürecinin İncelenmesi, Postgraduate, N.ÇARÇAK(Student), 2005

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

- I. **Prolongation of absence seizures and changes in serotonergic and dopaminergic neurotransmission by nigrostriatal pathway degeneration in genetic absence epilepsy rats.**
Tugba E. K. , Medine G. I. O. , Ozlem A., Deniz K., ONAT F.
Pharmacology, biochemistry, and behavior, vol.213, pp.173317, 2022 (Journal Indexed in SCI Expanded)
- II. **Comparison of rotational behaviour in Wistar and genetic absence epilepsy rats injected with 6-Hydroxydopamine**
Toplu A., Culpan Y., Yavuz M., Turgan Aşık Z. N. , Karamahmutoglu T., Gülçebi İdriz Oğlu M., Gülhan R., Onat F.
EPILEPSIA, vol.62, pp.96, 2021 (Journal Indexed in SCI)
- III. **Correlation between weight and apomorphine induced rotation in genetic absence epilepsy rats from strasbourg**
Culpan Y., Karamahmutoglu T., Turgan Aşık Z. N. , Yavuz M., Toplu A., Gülçebi İdriz Oğlu M., Gülhan R., Onat F.
EPILEPSIA, vol.62, pp.85, 2021 (Journal Indexed in SCI)
- IV. **Comparison of tyrosine hydroxylase and parvalbumin immunoreactivity in striatum and substantia nigra**
Turgan Aşık Z. N. , Culpan Y., Toplu A., Yavuz M., Kirazlı Ö., Gülçebi İdriz Oğlu M., Sehri U., Gülhan R., Onat F.
EPILEPSIA, vol.62, pp.103, 2021 (Journal Indexed in SCI)
- V. **Do the Dento-Thalamic Connections of Genetic Absence Epilepsy Rats from Strasbourg Differ from Those of Control Wistar Rats?**
Bay H. H. , Ozkan M., Onat F., Cavdar S.
BRAIN CONNECTIVITY, vol.9, no.9, pp.703-710, 2019 (Journal Indexed in SCI)
- VI. **Relationships between astrocytes and absence epilepsy in rat: An experimental study**
Cavdar S., Kuvvet Y., Sur-Erdem I., Ozgur M., Onat F.
NEUROSCIENCE LETTERS, vol.712, 2019 (Journal Indexed in SCI)
- VII. **The effect of prenatal and postnatal caffeine exposure on pentylenetetrazole induced seizures in the non-epileptic and epileptic offsprings**
Yavuz M., Albayrak N., Ozgur M., Oglu M. G. I. , Cavdar S., Onat F.
NEUROSCIENCE LETTERS, vol.713, 2019 (Journal Indexed in SCI)
- VIII. **Experimental Parkinson Disease (PD) Alters Severity of Colitis in Rats**
Secil F., CAN H. B. , Karakoc H. F. , Dalgic N., Boyukyılmaz S., KARAMAHMUTOĞLU T., ÖZDEMİR Z. B. , Arabaci S., Sen L. S. , Karagoz A., et al.
ACTA PHYSIOLOGICA, vol.227, pp.105, 2019 (Journal Indexed in SCI)
- IX. **Ca(v)3.2 T-type calcium channel mutation influences kindling-induced thalamic neuronal firing patterns in Genetic Absence Epilepsy Rats From Strasbourg**
ÇARÇAK YILMAZ N., Ali I., Powell K., Zheng T., Onat F., O'Brien T. J.
EPILEPSIA, vol.60, no.7, pp.1378-1386, 2019 (Journal Indexed in SCI)
- X. **Suppression of Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel Function in**

Thalamocortical Neurons Prevents Genetically Determined and Pharmacologically Induced Absence Seizures

David F., ÇARÇAK YILMAZ N., Furdan S., Onat F., Gould T., Meszaros A., Di Giovanni G., Hernandez V. M. , Chan C. S. , Lorincz M. L. , et al.

JOURNAL OF NEUROSCIENCE, vol.38, no.30, pp.6615-6627, 2018 (Journal Indexed in SCI)

- XI. **The role of the substantia nigra pars reticulata in kindling resistance in rats with genetic absence epilepsy**
Akman O., Gulcebi M. I. , ÇARÇAK YILMAZ N., Ozatman S. K. , Eryigit T., Moshe S. L. , Galanopoulou A. S. , Onat F.
EPILEPSIA, vol.56, no.11, pp.1793-1802, 2015 (Journal Indexed in SCI)
- XII. **The relationship between UGT1A4 polymorphism and serum concentration of lamotrigine in patients with epilepsy**
Gulcebi M. I. , Ozkaynakci A., GÖREN M. Z. , GÜLHAN R., ÖZKARA Ç., Onat F.
EPILEPSY RESEARCH, vol.95, pp.1-8, 2011 (Journal Indexed in SCI)
- XIII. **Threshold-Based Relay Selection for Detect-and-Forward Relaying in Cooperative Wireless Networks**
Onat F., Fan Y., Yanikomeroglu H., Poor H. V.
EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING, 2010 (Journal Indexed in SCI)
- XIV. **Immunocytochemical analysis of glutamate and GABA in hippocampus of genetic absence epilepsy rats (GAERS)**
Sirvanci S., Meshul C., Onat F., San T.
BRAIN RESEARCH, vol.988, pp.180-188, 2003 (Journal Indexed in SCI)
- XV. **Extracellular concentrations of catecholamines and amino acids in the dorsomedial hypothalamus of kindled rats - A Microdialysis Study**
Goren M., GÜLHAN R., YANANLI H. R. , Onat F.
PHARMACOLOGY, vol.68, no.4, pp.190-197, 2003 (Journal Indexed in SCI)
- XVI. **Cerebellar connections to the rostral reticular nucleus of the thalamus in the rat.**
Cavdar S., Onat F. Y. , Yananli H. R. , Sehirli U. S. , Tulay C., Saka E., Gürdal E., Filiz Y. O.
Journal of anatomy, vol.201, pp.485-91, 2002 (Journal Indexed in SCI)
- XVII. **Resistance to propagation of amygdaloid kindling seizures in rats with genetic absence epilepsy**
Eskazan E., Onat F., GÜLHAN R., Oner G.
EPILEPSIA, vol.43, no.10, pp.1115-1119, 2002 (Journal Indexed in SCI)
- XVIII. **Enhancement of spike and wave discharges by microinjection of bicuculline into the reticular nucleus of rats with absence epilepsy**
GÜLHAN R., ÖZKARA Ç., Dervent A., Onat F.
NEUROSCIENCE LETTERS, vol.322, no.2, pp.71-74, 2002 (Journal Indexed in SCI)
- XIX. **Cardiovascular regulation through hypothalamic GABA(A) receptors in a genetic absence epilepsy model in rat.**
Aker R. G. , Onat F. Y.
Epilepsia, vol.43, no.2, pp.107-114, 2002 (Journal Indexed in SCI)
- XX. **Connections of the dorsomedial hypothalamic nucleus from the forebrain structures in the rat.**
Onat F. Y. , Aker R., Sehirli U., San T., Cavdar S.
Cells, tissues, organs, vol.172, pp.48-52, 2002 (Journal Indexed in SCI)
- XXI. **The afferent connections of the posterior hypothalamic nucleus in the rat using horseradish peroxidase**
Cavdar S., Onat F., GÜLHAN R., ŞEHİRLİ Ü. S. , San T., YANANLI H. R.
JOURNAL OF ANATOMY, vol.198, pp.463-472, 2001 (Journal Indexed in SCI)
- XXII. **GABA and L-glutamic acid release in human hippocampal en bloc resection slices**
Onat F.
Neurological Sciences, vol.22, pp.297-302, 2001 (Journal Indexed in SCI Expanded)
- XXIII. **Cerebellar connections to the dorsomedial and posterior nuclei of the hypothalamus in the rat**
Cavdar S., San T., GÜLHAN R., ŞEHİRLİ Ü. S. , Onat F.

- JOURNAL OF ANATOMY, vol.198, pp.37-45, 2001 (Journal Indexed in SCI)
- XXIV. **Participation of NMDA and kainate receptors of paraventricular nucleus in cardiovascular responses to glutamate receptor agonist**
Goren M., Onat F., Berkman K.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.388, no.1, pp.77-84, 2000 (Journal Indexed in SCI)
- XXV. **Surgical outcome of epilepsy patients evaluated with a noninvasive protocol**
ÖZKARA Ç., Ozyurt E., Hanoglu L., Eskazan E., Derwent A., Kocer N., Ozmen M., Onat F., Oz B., Kuday C.
EPILEPSIA, vol.41, 2000 (Journal Indexed in SCI)
- XXVI. **Cardiovascular responses to NMDA injected into nuclei of hypothalamus or amygdala in conscious rats**
Goren M., Akici A., Berkman K., Onat F.
PHARMACOLOGY, vol.61, no.4, pp.257-262, 2000 (Journal Indexed in SCI)
- XXVII. **Cardiovascular effects of intracerebroventricular bicuculline in rats with absence seizures**
Karson A., GÜLHAN R., Ates N., Onat F.
EPILEPSY RESEARCH, vol.34, pp.231-239, 1999 (Journal Indexed in SCI)
- XXVIII. **The effect of bicuculline injected into the thalamic reticular nucleus of rats with absence epilepsy**
GÜLHAN R., ÖZKARA Ç., ONAT F.
EPILEPSIA, vol.40, pp.36, 1999 (Journal Indexed in SCI)
- XXIX. **Low dose MK-801 protects against iron-induced oxidative changes in a rat model of focal epilepsy**
Kucukaya B., GÜLHAN R., YÜKSEL M., Onat F., YALÇIN A. S.
BRAIN RESEARCH, vol.788, pp.133-136, 1998 (Journal Indexed in SCI)
- XXX. **The participation of paraventricular nucleus of hypothalamus in central cardiovascular regulation**
Goren M., Berkman K., Onat F.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.358, no.1, 1998 (Journal Indexed in SCI)
- XXXI. **The effect of agmatine on PTZ-induced convulsions**
Aricioglu-Kartal F., Goren Z., GÜLHAN R., Onat F., Uzbay T.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.358, no.1, 1998 (Journal Indexed in SCI)
- XXXII. **Role of the AV3V region in the pressor responses induced by amygdala stimulation**
Tellioglu T., Aslan N., Goren Z., Onat F., Oktay S.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.336, pp.163-168, 1997 (Journal Indexed in SCI)
- XXXIII. **Carbachol-induced pressor responses and muscarinic M-1 receptors in the central nucleus of amygdala in conscious rats**
Aslan N., Goren Z., Onat F., Oktay S.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.333, no.1, pp.63-67, 1997 (Journal Indexed in SCI)
- XXXIV. **Modulation of the pressor response elicited by carbachol and electrical stimulation of the amygdala by muscarinic antagonists in conscious rats**
Aslan N., Goren Z., Ozkutlu U., Onat F., Oktay S.
BRITISH JOURNAL OF PHARMACOLOGY, vol.121, no.1, pp.35-40, 1997 (Journal Indexed in SCI)
- XXXV. **M(1)-cholinoceptors mediate the pressor responses to electrical and chemical stimulation of amygdala in conscious rats**
Oktay S., Aslan N., Goren Z., Ozkutlu U., Onat F.
LIFE SCIENCES, vol.60, pp.76, 1997 (Journal Indexed in SCI)
- XXXVI. **Role of paraventricular and dorsomedial nuclei of the hypothalamus and central nucleus of the amygdala on muscimol-induced cardiovascular responses**
Goren Z., Aslan N., Berkman K., San T., Sule O., Onat F.
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.11, no.5, pp.408-415, 1997 (Journal Indexed in SCI)
- XXXVII. **The role of brain acetylcholine in GABA(A) receptor antagonist-induced blood-pressure changes in rat**
Tellioglu T., Akin S., Ozkutlu U., Oktay S., Onat F.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.317, pp.301-307, 1996 (Journal Indexed in SCI)
- XXXVIII. **MODULATION OF GALLBLADDER CONTRACTION BY PIRENZEPINE IN HUMANS**

- YEGEN B., BIREN T., ONAT F., TANKURT E., GURMEN N., OKTAY S., CHEY W., ULUSOY N.
AMERICAN JOURNAL OF GASTROENTEROLOGY, vol.90, no.9, pp.1489-1494, 1995 (Journal Indexed in SCI)
- XXXIX. **ANTINOCICEPTIVE EFFECT OF D-ASPARTIC ACID IN MICE**
ONAT F., TOKER F., ASLAN N., OKTAY S., BERKMAN K.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.51, no.4, pp.715-719, 1995 (Journal Indexed in SCI)
- XL. **A STANDARDISABLE MODEL OF FOCAL CEREBRAL-ISCHEMIA IN NORMOTENSIVE RATS**
ZIRH T., PAMIR M., OZEK M., SAV A., ONAT F.
JOURNAL OF CLINICAL NEUROSCIENCE, vol.2, no.3, pp.245-251, 1995 (Journal Indexed in SCI)
- XLI. **THE ROLE OF AMYGDALA AND HYPOTHALAMUS IN GABA(A) RECEPTOR-MEDIATED CARDIOVASCULAR-RESPONSES**
GOREN Z., BERKMAN K., ASLAN N., OKTAY S., ONAT F.
BRITISH JOURNAL OF PHARMACOLOGY, vol.114, 1995 (Journal Indexed in SCI)
- XLII. **MUSCARINIC RECEPTORS INVOLVED IN BLOOD-PRESSURE CHANGES INDUCED BY THE ELECTRICAL-STIMULATION OF CENTRAL AMYGDALOID NUCLEUS**
ASLAN N., GOREN Z., ONAT F., OKTAY S.
BRITISH JOURNAL OF PHARMACOLOGY, vol.114, 1995 (Journal Indexed in SCI)
- XLIII. **CARDIOVASCULAR EFFECTS OF CENTRALLY ACTIVE CHOLINOMIMETICS IN CONSCIOUS AND ANESTHETIZED RATS - THE ROLE OF AMYGDALA**
OZKUTLU U., COSKUN T., ONAT F., YEGEN B., OKTAY S.
BRAIN RESEARCH BULLETIN, vol.37, no.6, pp.569-573, 1995 (Journal Indexed in SCI)
- XLIV. **MUSCARINIC RECEPTORS IN RAT CORTEX, HIPPOCAMPUS, HYPOTHALAMUS AND BRAIN-STEM FOLLOWING TRANSIENT FOREBRAIN ISCHEMIA AND HEMORRHAGIC-SHOCK**
Zirh T., Iskender E., Onat F., Pamir M. N. , Oktay S.
NEUROSCIENCE LETTERS, vol.181, pp.13-16, 1994 (Journal Indexed in SCI)
- XLV. **REVERSAL OF HEMORRHAGIC-SHOCK IN RATS BY OXOTREMORINE - THE ROLE OF MUSCARINIC AND NICOTINIC RECEPTORS, AND AV3V REGION**
ONAT F., ASLAN N., GOREN Z., OZKUTLU U., OKTAY S.
BRAIN RESEARCH, vol.660, no.2, pp.261-266, 1994 (Journal Indexed in SCI)
- XLVI. **CENTRAL MUSCARINIC M(2) CHOLINOCEPTORS INVOLVED IN CHOLINERGIC HYPERTENSION**
OZKUTLU U., ONAT F., ASLAN A., OKTAY S.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.250, no.3, pp.349-354, 1993 (Journal Indexed in SCI)
- XLVII. **ARE M-CHOLINOCEPTORS OF GUINEA-PIG GALLBLADDER SMOOTH-MUSCLE OF M4 SUBTYPE**
OZKUTLU U., ALICAN I., KARAHAN F., ONAT F., YEGEN B., ULUSOY N., OKTAY S.
PHARMACOLOGY, vol.46, no.6, pp.308-314, 1993 (Journal Indexed in SCI)
- XLVIII. **INFLUENCE OF PIRENZEPINE ON GALLBLADDER CONTRACTION IN MAN INDUCED BY SHAM FEEDING OR AN INTRADUODENAL MEAL**
TANKURT E., YEGEN B., BIREN T., GURMEN N., ONAT F., ERCIL A., OKTAY S., ULUSOY N.
DIGESTION, vol.51, no.2, pp.103-109, 1992 (Journal Indexed in SCI)
- XLIX. **MUSCARINIC RECEPTOR SUBTYPES OF GUINEA-PIG COMMON BILE-DUCT**
KARAHAN F., ALICAN I., OZKUTLU U., ONAT F., YEGEN B., ULUSOY N., OKTAY S.
ARCHIVES INTERNATIONALES DE PHARMACODYNAMIE ET DE THERAPIE, vol.312, pp.140-145, 1991 (Journal Indexed in SCI)
- L. **THE EFFECT OF CHRONIC GUANFACINE ADMINISTRATION ON HIGH PLASMA VASOPRESSIN LEVELS IN ESSENTIAL-HYPERTENSION**
BERKMAN K., TOZUN N., TAGA Y., DEDEOGLU A., ONAT F., BEKIROGLU N.
INTERNATIONAL JOURNAL OF CLINICAL PHARMACOLOGY AND THERAPEUTICS, vol.28, no.2, pp.67-71, 1990 (Journal Indexed in SCI)

- I. **Neurogenesis is Enhanced in Young Rats with Genetic Absence Epilepsy: An Immuno-electron Microscopic Study**
Onat F., Şirvancı S., Kaya Ö. T. , Moore C., Meshul C. K.
Turkish Neurosurgery, vol.31, no.4, pp.623-633, 2021 (Refereed Journals of Other Institutions)
- II. **Nörolojik hastalıkların tedavisinde farmakogenetik uygulamalar**
GÜLÇEBİ İDRİZ OĞLU M., ONAT F.
Türkiye Klinikleri Farmakoloji Özel Dergisi, Bireye özgü ilaç tedavisi: Farmakogenetik Farmakogenomik özel sayısı, vol.4, no.3, pp.76-84, 2016 (Other Refereed National Journals)
- III. **The Gamma-Butyrolactone Model of Absence Epilepsy: Acute and Chronic Effects in Wistar Rats.**
ONAT F., KARAMAHMUTOĞLU T., ÇARÇAK YILMAZ N., AKMAN Ö., eşkazan e.
Epilepsi, vol.19, no.2, pp.48-52, 2013 (Other Refereed National Journals)
- IV. **Absans Epilepsili WAG/Rij sıçanlarda lokomotor aktivite, öğrenme ve bellek.**
ONAT F., KARSON A.
Epilepsi, vol.14, no.3, pp.111-130, 2008 (Other Refereed National Journals)
- V. **Epilepside deneysel modeller.**
ONAT F., GÜLHAN R.
Türkiye Klinikleri, Nöroloji, vol.1, no.2, pp.17-24, 2008 (Other Refereed National Journals)
- VI. **Therapeutic drug monitoring of antiepileptic drugs in Marmara University Hospital: a three-year follow-up**
Onat F., Karaalp A., Gören M. Z.
Pharmacologyonline, vol.2, pp.22-32, 2006 (Other Refereed National Journals)
- VII. **The effects of partial bilateral lesioning of substantia nigra in a genetic absence epilepsy rat model.**
GÖREN M. Z. , ONAT F., GÜLHAN R.
Marmara Medical Journal, vol.15, no.2, pp.79-85, 2003 (Other Refereed National Journals)
- VIII. **Kainik asit uygulamasından sonra yavru ve yetişkin sıçanların hipokampusunda bazik fibroblast büyüme faktörünün dağılımı: immünohistokimyasal çalışma.**
ONAT F., ERCAN F., ŞİRVANCI S., ÇETİNEL Ş., YANANLI H. R.
Epilepsi, vol.8, no.3, pp.139-142, 2002 (Other Refereed National Journals)
- IX. **Dentritic spines in the hippocampus of genetic absence epilepsy rats (GAERS): An ultrastructural quantitative analysis.**
ŞİRVANCI S., ONAT F.
. Marmara Medical Journal, 2002 (Other Refereed National Journals)
- X. **Intrahipokampal kainik asit uygulanmış sıçanlarda ışık mikroskopi çalışması.**
ONAT F., ŞİRVANCI S., ERCAN F., YANANLI H. R.
Epilepsi, vol.7, pp.9-16, 2001 (Other Refereed National Journals)
- XI. **Plasma concentration-time profile of a single dose of enteric-coated omeprazole in male and female healthy volunteers.**
ONAT F., GÖREN M. Z. , GÜLHAN R.
Marmara Medical Journal, 2000 (Other Refereed National Journals)
- XII. **Eksitatör aminoasit reseptörleri ve katıldıkları bazı fizyopatolojik mekanizmalar.**
GÖREN M. Z. , ONAT F.
GATA Bülteni, 1996 (Other Refereed National Journals)
- XIII. **Yeni immünoşüpresif ilaçlar ve farmakokinetik özellikleri.**
ONAT F.
Ankem Dergisi, vol.16, no.3, pp.469-475, 1996 (Other Refereed National Journals)
- XIV. **The effect of guanfacine on high plasma vasopressin levels in patients with essential hypertension**
ONAT F.
J Turkish Physiol Sci, 1992 (Other Refereed National Journals)
- XV. **The effect of captopril on plasma vasopressin levels in essential hypertension.**
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J Turkish Physiol Sci, 1992 (Other Refereed National Journals)

- XVI. **Comparison of pharmacodynamic and pharmacokinetic properties of H2 receptor blockers: Cimetidine, ranitidine and famotidine.**
ONAT F.
Cerrahpaşa Tıp Fakültesi Dergisi, 1991 (Other Refereed National Journals)

Books & Book Chapters

- I. **Epilepsi ve Deneysel Modelleri**
Onat F.
in: Deneysel Araştırma Modelleri El Kitabı, Özbeyli Dilek Gülhan Rezzan, Editor, Nobel, Ankara, pp.97-123, 2021
- II. **Epilepsinin deneysel modelleri**
ONAT F., ÇARÇAK YILMAZ N.
in: Epilepsi, Naz Yeni İbrahim Bora, Editor, Nobel, pp.53-65, 2018
- III. **Epilepsilerde İlaç Tedavisi**
Onat F., Yavuz M.
in: Goodman ve Gilman'ın Farmakoloji ve Tedavi El Kitabı, Remzi Erdem, Editor, Güneş Kitabevi, Ankara, pp.344-361, 2017
- IV. **"Lippincott's Illustrated Reviews" serisinden Farmakoloji**
Onat F., Gören M. Z. , Karaalp A.
Nobel Tıp Kitapevi, İstanbul, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Intraventricular Anti-NMDAR Antibody Positive Autoimmune Encephalitis Patient Serum IgG Administration on Epileptic Seizure and Behavior in Wistar Rats.**
Yüceer H., Akat Ş., Ulusoy C. A. , Karaaslan Z., Çırak S., Çarçak Yılmaz N., Küçükali C. İ. , Onat F., Tüzün E.
57. Ulusal Nöroloji Kongresi, Antalya, Turkey, 27 November - 01 December 2021, pp.43
- II. **Effect of orexin type-2 receptor agonist on spike-and-wave discharges in rats with genetic absence epilepsy of Strasbourg origin**
Toplu A., Yavuz M., Çarçak Yılmaz N., Molnar Z., Onat F.
19. Ulusal Sinir Bilim Kongresi, 21 - 23 November 2021, pp.96
- III. **Serum IgG of NMDAR Antibody Positive Encephalitis Patients Delays Absence Seizure Onset and Prolongs Seizure Duration in Rats**
Yüceer H., Akat Ş., Ulusoy C. A. , Karaaslan Z., Çırak S., Çarçak Yılmaz N., Küçükali C. İ. , Onat F., Tüzün E.
15th International Society of Neuroimmunology (ISNI) Congress, Nice, France, 8 - 12 November 2021
- IV. **Effect Of Neurotensin On Spike-And-Slow-Wave Discharges In Rats With Genetic Absence Epilepsy**
Erdeve E. T. , Toplu A., Yavuz M., Turgan Aşık Z. N. , Çarçak Yılmaz N., Molnar Z., Onat F.
26. Ulusal ve 1. Uluslararası Farmakoloji Kongresi , 4 - 06 November 2021, pp.460
- V. **EFFECT OF NEUROTENSIN ON SPIKE-AND-SLOW-WAVE DISCHARGES IN RATS WITH GENETIC ABSENCE EPILEPSY**
Onat F., Çarçak Yılmaz N., Turgan Aşık Z. N. , Toplu A., Molnar Z.
26. Ulusal ve 1.Uluslararası Farmakoloji Kongresi, 4 - 06 November 2021, pp.459
- VI. **Dexmedetomidine In GAERS: An Acute Absence Status Epilepticus Model**
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