

## Assoc. Prof. ERGİN DİLEKÖZ

### Personal Information

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### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr), Turkey 1999 - 2005

Under Graduate, Ankara University, Veteriner Fakültesi, Veteriner Pr., Turkey 1990 - 1995

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, İzole perfüze tavşan böbreğinde histamin yanıtlarına katalaz ve allopurinol'ün etkisi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr), 2005

### Research Areas

Pharmacology and Clinical Pharmacology, Neurophysiology

### Academic Titles / Tasks

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2018 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2015 - 2018

Assistant Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2013 - 2015

Assistant Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2011 - 2013

Lecturer, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2009 - 2011

Research Assistant, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1999 - 2005

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

- I. **Endothelial and Autonomic Functions in Patients with Migraine**  
Doğru M. T. , Dileküz E., Alpua M., Eroğlu O., Kandemir H., Alp C., Bolay H. B.  
PAIN MEDICINE, vol.21, 2020 (Journal Indexed in SCI)
- II. **CGRP receptor antagonist MK-8825 attenuates cortical spreading depression induced pain behavior**  
Filiz A., Tepe N., Eftekhari S., BORAN H. E. , DİLEKÖZ E., Edvinsson L., Bolay H. B.  
CEPHALALGIA, vol.39, no.3, pp.354-365, 2019 (Journal Indexed in SCI)
- III. **The Effect of Citalopram and Thymoquinone on Reserpine-Induced Depression-Like Behaviors in Rats**

Kuzay D., Özer Ç., Dileköz E.

ACTA PHYSIOLOGICA, vol.225, pp.16, 2018 (Journal Indexed in SCI)

- IV. **The effect of endothelin receptor antagonists in the endotoxin-induced uveitis rabbit model**  
Karaca E. E. , UZUN F., DİLEKÖZ E., ÖZTÜRK FİNCAN G. S. , Ercan S., KUL O., BAĞRIAÇIK E. Ü. , OR M.  
CUTANEOUS AND OCULAR TOXICOLOGY, vol.37, no.2, pp.133-138, 2018 (Journal Indexed in SCI)
- V. **Role of ischemic modified albumin in the early diagnosis of increased intracranial pressure and brain death**  
Kara I., PAMPAL H. K. , Yildirim F., Dilekoz E., Emmez G., Gocun F. P. U. , Kocabiyik M., Demirel C. B.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.118, no.2, pp.112-117, 2017 (Journal Indexed in SCI)
- VI. **Increased inhibitory synaptic activity in the hippocampus (CA1) of genetic absence epilepsy rats: Relevance of kindling resistance**  
ÇARÇAK YILMAZ N., DİLEKÖZ E., GÜLHAN R., Onur R., Onat F. Y. , Sara Y.  
EPILEPSY RESEARCH, vol.126, pp.70-77, 2016 (Journal Indexed in SCI)
- VII. **Effect of Resveratrol on Diabetic Nephropathy**  
Altin D., Özer Ç., Babul A., Ercan S., Dileköz E., Take Kaplanoglu G.  
ACTA PHYSIOLOGICA, vol.218, pp.10, 2016 (Journal Indexed in SCI)
- VIII. **Role of nicotinic acetylcholine receptor subtypes on nicotine's enhancing effect on electrical field stimulation elicited contractile responses in rabbit urine bladder**  
Fincan G. S. O. , Vural I. M. , Yildirim S. S. , Isli F., Dilekoz E., Ercan S., Sarioglu Y.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.20, no.8, pp.1636-1641, 2016 (Journal Indexed in SCI)
- IX. **Supply-Demand Mismatch Transients in Susceptible Peri-infarct Hot Zones Explain the Origins of Spreading Injury Depolarizations**  
von Bornstaedt D., Houben T., Seidel J. L. , Zheng Y., Dilekoz E., Qin T., Sandow N., Kura S., Eikermann-Haerter K., Endres M., et al.  
NEURON, vol.85, no.5, pp.1117-1131, 2015 (Journal Indexed in SCI)
- X. **Migraine Mutations Impair Hippocampal Learning Despite Enhanced Long-Term Potentiation**  
Dilekoz E., Houben T., Eikermann-Haerter K., Balkaya M., Lenselink A. M. , Whalen M. J. , Spijker S., Ferrari M. D. , van den Maagdenberg A. M. J. M. , Ayata C.  
JOURNAL OF NEUROSCIENCE, vol.35, no.8, pp.3397-3402, 2015 (Journal Indexed in SCI)
- XI. **The thalamic reticular nucleus is activated by cortical spreading depression in freely moving rats: prevention by acute valproate administration**  
Tepe N., Filiz A., DİLEKÖZ E., Akcali D. T. , Sara Y., Charles A., Bolay H. B.  
EUROPEAN JOURNAL OF NEUROSCIENCE, vol.41, no.1, pp.120-128, 2015 (Journal Indexed in SCI)
- XII. **Hyperlipidemia disrupts cerebrovascular reflexes and worsens ischemic perfusion defect**  
Ayata C., Shin H. K. , Dilekoez E., Atochin D. N. , Kashiwagi S., Eikermann-Haerter K., Huang P. L.  
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.33, no.6, pp.954-962, 2013 (Journal Indexed in SCI)
- XIII. **A Cannabinoid Ligand, Anandamide, Exacerbates Endotoxin-Induced Uveitis in Rabbits**  
Altinsoy A., DİLEKÖZ E., KUL O., Ilhan S. O. , GÜZEL TUNÇCAN Ö., Seven I., BAĞRIAÇIK E. Ü. , Sarioglu Y., OR M., Ercan Z. S.  
JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS, vol.27, no.6, pp.545-552, 2011 (Journal Indexed in SCI)
- XIV. **Chronic daily cortical spreading depressions suppress spreading depression susceptibility**  
Sukhotinsky I., Dilekoz E., Wang Y., Qin T., Eikermann-Haerter K., Waeber C., Ayata C.  
CEPHALALGIA, vol.31, no.16, pp.1601-1608, 2011 (Journal Indexed in SCI)
- XV. **Oxcarbazepine does not suppress cortical spreading depression**  
Hoffmann U., Dilekoez E., Kudo C., Ayata C.  
CEPHALALGIA, vol.31, no.5, pp.537-542, 2011 (Journal Indexed in SCI)
- XVI. **Enhanced Subcortical Spreading Depression in Familial Hemiplegic Migraine Type 1 Mutant Mice**  
Eikermann-Haerter K., Yuzawa I., Qin T., Wang Y., Baek K., Kim Y. R. , Hoffmann U., Dilekoz E., Waeber C., Ferrari M.

D. , et al.

JOURNAL OF NEUROSCIENCE, vol.31, no.15, pp.5755-5763, 2011 (Journal Indexed in SCI)

- XVII. **Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy Syndrome Mutations Increase Susceptibility to Spreading Depression**  
Eikermann-Haerter K, Yuzawa I, Dilekoz E, Joutel A, Moskowitz M. A. , Ayata C.  
ANNALS OF NEUROLOGY, vol.69, no.2, pp.413-418, 2011 (Journal Indexed in SCI)
- XVIII. **Gabapentin suppresses cortical spreading depression susceptibility**  
Hoffmann U, Dilekoz E, Kudo C, Ayata C.  
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.30, no.9, pp.1588-1592, 2010 (Journal Indexed in SCI)
- XIX. **Microemboli May Link Spreading Depression, Migraine Aura, and Patent Foramen Ovale**  
Nozari A, Dilekoz E, Sukhotinsky I, Stein T, Eikermann-Haerter K, Liu C, Wang Y, Frosch M. P. , Waeber C, Ayata C., et al.  
ANNALS OF NEUROLOGY, vol.67, no.2, pp.221-229, 2010 (Journal Indexed in SCI)
- XX. **Simultaneous imaging of cerebral partial pressure of oxygen and blood flow during functional activation and cortical spreading depression**  
Sakadzic S, Yuan S, Dilekoz E, Ruvinskaya S, Vinogradov S. A. , Ayata C, Boas D. A.  
APPLIED OPTICS, vol.48, no.10, 2009 (Journal Indexed in SCI)
- XXI. **Genetic and hormonal factors modulate spreading depression and transient hemiparesis in mouse models of familial hemiplegic migraine type 1**  
Eikermann-Haerter K, Dilekoz E, Kudo C, Savitz S. I. , Waeber C, Baum M. J. , Ferrari M. D. , van den Maagdenberg A. M. J. M. , Moskowitz M. A. , Ayata C.  
JOURNAL OF CLINICAL INVESTIGATION, vol.119, no.1, pp.99-109, 2009 (Journal Indexed in SCI)
- XXII. **Hypoxia and hypotension transform the blood flow response to cortical spreading depression from hyperemia into hypoperfusion in the rat**  
Sukhotinsky I, Dilekoz E, Moskowitz M. A. , Ayata C.  
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.28, no.7, pp.1369-1376, 2008 (Journal Indexed in SCI)
- XXIII. **Hydrogen peroxide and antioxidizing enzymes involved in modulation of transient facilitatory effects of nicotine on neurogenic contractile responses in rat gastric fundus**  
Ilhan S. O. , Sarioglu Y, Vural I. M. , Dilekoez E, Oeztuerk G. S. , Ercan Z. S.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.587, pp.267-272, 2008 (Journal Indexed in SCI)
- XXIV. **Enhancement effects of nicotine on neurogenic contractile responses in rabbit gastric fundus**  
Ilhan S. O. , Vural I. M. , Dilekoz E, Ozturk G. S. , Sarioglu Y.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.561, pp.182-188, 2007 (Journal Indexed in SCI)
- XXV. **Examination of the rescue effects of folic acid on derangement of the tubo-ovarian ultrastructural architecture caused by methotrexate**  
Bayram M, Ozogul C, Ercan Z. S. , Dilekoz E, Soyer C, Bayram O.  
ADVANCES IN THERAPY, vol.23, no.5, pp.772-777, 2006 (Journal Indexed in SCI)
- XXVI. **The effect of systemic leptin administration on aorta smooth muscle responses in diabetic rats**  
Ozer Ç, Gulen S, Dilekoz E, Babul A, Ercan Z.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.282, pp.187-191, 2006 (Journal Indexed in SCI)
- XXVII. **Expression of steroid receptors in intact rat uterus, mammary gland, and liver treated with selective estrogen receptor modulators and conjugated equine estrogens**  
Bayram M, Bayram O, Dursun A, Isilk P, Dilekoz E, Ozkan S.  
ADVANCES IN THERAPY, vol.22, no.6, pp.587-594, 2005 (Journal Indexed in SCI)
- XXVIII. **Effects of cannabinoid receptor activation on rabbit bisected vas deferens strips**  
Barun S, Vural I, Dilekoz E, Ercan Z, Sarioglu Y.  
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.32, no.9, pp.702-707, 2005 (Journal Indexed in SCI)
- XXIX. **Effects of amifostine on glycerol-pretreated rabbit kidneys**

Barun S., Ertoy D., Dilekoz E., Muftuoglu S., Erten Y., Sucak G., Bali M., Tekeli N., Sarioglu Y., Ercan Z.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.97, no.3, pp.168-173, 2005 (Journal Indexed in SCI)

- XXX. **Light and electron microscope examination of the effects of methotrexate on the endosalpinx**  
Bayram M., Ozogul C., Dursun A., Ercan Z., Isik I., Dilekoz E.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.120, no.1, pp.96-103,  
2005 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Resveratrol on Diabetic Nephropaty**  
Altun D., ÖZER Ç., Babül A., Ercan S., DİLEKÖZ E., TAKE KAPLANOĞLU G.  
42Th National Physiology Congress, Turkey, 5 - 08 October 2016
- II. **Effect of Resveratrol on Diabetic Nephropathy**  
Altun D., ÖZER Ç., Babül A., Ercan S., DİLEKÖZ E., TAKE KAPLANOĞLU G.  
ACTA PHYSIOLOGICA, 01 October 2016, pp.10
- III. **Supply-demand Mismatch Transients Trigger Peri-infarct Depolarizations In Ischemic Penumbra**  
von Bornstaedt D., Seidel J., Houben M. B. , Dilekoz E., Qin T., Sandow N., Eikermann-Haerter K., Boas D., Moskowitz M., Lo E., et al.  
American-Heart-Association/American Stroke Association International Stroke Conference / State-of-the-Science Stroke Nursing Symposium, Tennessee, United States Of America, 11 - 13 February 2015, vol.46
- IV. **The Thalamic Reticular Nucleus Is Activated by Cortical Spreading Depression in Freely Moving Rats: Prevention by Acute Valproate**  
Bolay H. B. , Tepe N., Filiz A., Dilekoz E., Akcali D. T. , Sara Y.  
International Headache Congress of the International-Headache-Society and American-Headache-Society, Massachusetts, United States Of America, 27 - 30 June 2013, vol.33, pp.4-5
- V. **Increased susceptibility to cortical spreading depression in cadasil mutant mice**  
Eikermann-Haerter K., Wang Y., Dilekoz E., Arboleda-Velasquez J. F. , Artavanis-Tsakonas S., Joutel A., Moskowitz M. A. , Ayata C.  
24th International Symposium on Cerebral Blood Flow and Metabolism/9th International Conference on Quantification of Brain Function with PET, Illinois, United States Of America, 29 June - 03 July 2009, vol.29
- VI. **Gabapentin acutely suppresses cortical spreading depression in rats**  
Hoffmann U., Kudo C., Dilekoz E., Moskowitz M. A. , Ayata C.  
24th International Symposium on Cerebral Blood Flow and Metabolism/9th International Conference on Quantification of Brain Function with PET, Illinois, United States Of America, 29 June - 03 July 2009, vol.29
- VII. **Simultaneous imaging of cerebral blood flow and partial pressure of oxygen during cortical spreading depression**  
Sakadžić S., Yuan S., Dilekoz E., Ruvinskaya S., Shalinsky M. H. , Vinogradov S. A. , Ayata C., Boas D. A.  
Biomedical Optics, BIOMED 2008, St. Petersburg, FL, United States Of America, 16 - 19 March 2008

## Citations

Total Citations (WOS):878

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