

## Prof. ENGİN YILDIRIM



### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-7089-5418

Yoksis Researcher ID: 20361

### Education Information

Expertise In Medicine, Eskişehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil. Bölüm, Turkey 1997 - 2003

Expertise In Medicine, Eskişehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil. Bölüm, Turkey 1997 - 2003

Undergraduate, Eskişehir Osmangazi University, Tıp Fakültesi, Turkey 1988 - 1994

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Vocational Course, PDÖ Eğitim Yönlendiricisi Kursu, Tıp Fakültesi, 2011

Vocational Course, Eğitimcilerin Eğitimi, Eskişehir Osmangazi Üniversitesi, 2007

### Dissertations

Expertise In Medicine, izole koyun koroner arterinde östrojen, progesteron, testosteron ve tamoksifenin etkileri, Eskişehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil. Bölüm, 2001

### Research Areas

Health Sciences, Natural Sciences

### Academic Titles / Tasks

Professor, Eskişehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil. Bölüm, 2019 - Continues

Associate Professor, Eskişehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil. Bölüm, 2014 - 2019

Assistant Professor, Eskişehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil. Bölüm, 2007 - 2014

## Academic and Administrative Experience

..., Eskisehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil. Bölüm, 2017 - Continues

Yıl Koordinatörü, Eskisehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil.Bölüm, 2015 - Continues

Ethics Committee Member, Eskisehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil.Bölüm, 2008 - Continues

## Courses

LisansÜstü Danışmanlık, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Otonom Sinir Sistemi Farmakolojisi, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Uzmanlık Eğitimi, Expertise In Medicine, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Tıbbi Farmakoloji, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Farmakogenetik, Doctorate, 2018 - 2019, 2017 - 2018, 2016 - 2017

Sıvı Elektrolit Dengesini Etkileyen İlaçlar, Doctorate, 2018 - 2019

Ağrının Farmakolojik Temelleri, Doctorate, 2018 - 2019, 2017 - 2018

Tıbbi farmakoloji, Postgraduate, 2017 - 2018, 2016 - 2017

akılcı ilaç kullanımı, Associate Degree, 2017 - 2018

Tıbbi Farmakoloji, Undergraduate, 2017 - 2018

Moleküler Farmakoloji, Doctorate, 2018 - 2019, 2017 - 2018

İlaçların İstenmeyen Etkileri, Postgraduate, 2017 - 2018

Sindirim sistemi farmakolojisi, Postgraduate, 2016 - 2017

farmakoloji, Undergraduate, 2017 - 2018, 2016 - 2017

## Jury Memberships

Appointment Academic Staff, Appointment Academic Staff, Eskişehir Osmangazi Üniversitesi, November, 2021

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, September, 2021

Associate Professor Exam, Associate Professor Exam, Eskisehir Osmangazi University, March, 2020

Associate Professor Exam, Associate Professor Exam, Eskisehir Osmangazi University, October, 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effects of galangin in prepulse inhibition test and experimental schizophrenia models.**  
Kaygisiz B., Aydin Ş., Yildirim E., Musmul A., Erol K., Kilic F. S.  
Acta neuropsychiatrica, vol.34, pp.37-46, 2022 (SCI-Expanded)
- II. **Association of eleven single nucleotide polymorphisms with refractive disorders from Eskisehir, Turkey**  
Unlu N., Gokalp E. E., Arslan S., Çilingir O., Bilgin M., Yildirim E., Gursoy H.  
International Journal of Ophthalmology, vol.14, no.6, pp.812-817, 2021 (SCI-Expanded)
- III. **Protective effects of anandamide against cisplatin-induced peripheral neuropathy in rats**  
Çengelli Ünel Ç., Dönertaş B., Aydin Ş., Ulupinar E., Özatik O., Kaygisiz B., Yildirim E., Erol K.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.51, no.6, pp.3098-3107, 2021 (SCI-Expanded)
- IV. **Microwave-assisted synthesis and pharmacological screening of some triazolothiadiazole derivatives**  
Gorgu O., YILDIRIM E., ÖZKAN Y., Cakir B., Erol K., ÖNKOL T.  
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.56, 2020 (SCI-Expanded)
- V. **The effects and mechanisms of the action of galangin on spatial memory in rats**  
Kilic F. S., Kaygisiz B., Aydin Ş., Yildirim E., Oner S., Erol K.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.120, pp.881-886, 2019 (SCI-Expanded)

- VI. **Effect of CYP3A5 and ABCB1 Gene Polymorphisms on Tacrolimus Blood Concentration in Renal Transplant Recipients**  
YILDIRIM E., ŞAHİN G., Kaltus Z., ÇOLAK E.  
CLINICAL LABORATORY, vol.65, no.11, pp.2079-2089, 2019 (SCI-Expanded)
- VII. **Agmatine co-treatment attenuates allodynia and structural abnormalities in cisplatin-induced neuropathy in rats**  
Donertas B., Çengelli Ünel Ç., Aydın Ş., Ulupınar E., Özatik O., Kaygısız B., Yıldırım E., Erol K.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.32, pp.288-296, 2018 (SCI-Expanded)
- VIII. **Comparison of the Effects of Curcumin, Tramadol and Surgical Treatments on Neuropathic Pain Induced by Chronic Constriction Injury in Rats.**  
Ceyhan D., Kocman A. E. , YILDIRIM E., Ozatik O., Aydın Ş., KÖSE A. A.  
Turkish neurosurgery, vol.28, no.2, pp.288-295, 2018 (SCI-Expanded)
- IX. **Evaluation of Cisplatin Neurotoxicity in Cultured Rat Dorsal Root Ganglia via Cytosolic Calcium Accumulation**  
Erol K., Yiğitaslan S., Çengelli Ünel Ç., Kaygısız B., Yıldırım E.  
BALKAN MEDICAL JOURNAL, vol.33, pp.144-151, 2016 (SCI-Expanded)
- X. **Warfarin dose requirement in Turkish patients: the influences of patient characteristics and polymorphisms in CYP2C9, VKORC1 and factor VII**  
Yildirim E., Erol K., Birdane A.  
HIPPOKRATIA, vol.18, no.4, pp.319-327, 2014 (SCI-Expanded)
- XI. **Synthesis and monoamine oxidase inhibitory activities of some 3-(4-fluorophenyl)-5-aryl-N-substituted-4,5-dihydro-(1 H)-pyrazole-1-carbothioamide derivatives**  
KOÇ G., Tan O., UÇAR G., YILDIRIM E., Erol K., PALASKA E.  
Drug Research, vol.64, no.11, pp.591-598, 2014 (SCI-Expanded)
- XII. **Effects of Nabumetone and Dipyron on Experimentally Induced Gastric Ulcers in Rats**  
YILDIRIM E., Sagiroglu O., KILIÇ F. S. , Erol K.  
INFLAMMATION, vol.36, no.2, pp.476-481, 2013 (SCI-Expanded)
- XIII. **Microwave-Assisted Synthesis of 1,3-Benzothiazol-2(3H)-one Derivatives and Analysis of Their Antinociceptive Activity**  
Onkol T., Dundar Y., Yildirim E., Erol K., Sahin M. F.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.62, no.12, pp.571-575, 2012 (SCI-Expanded)
- XIV. **Antinociceptive effects of gabapentin & its mechanism of action in experimental animal studies**  
KILIÇ F. S. , SIRMAGÜL B., YILDIRIM E., Oner S., Erol K.  
INDIAN JOURNAL OF MEDICAL RESEARCH, vol.135, no.5, pp.630-635, 2012 (SCI-Expanded)
- XV. **Effects of sertraline on behavioral alterations caused by environmental enrichment and social isolation**  
YILDIRIM E., Erol K., ULUPINAR E.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.101, no.2, pp.278-287, 2012 (SCI-Expanded)
- XVI. **Association of angiotensin converting enzyme (ACE) gene I/D polymorphism and polycystic ovary syndrome (PCOS)**  
Bayram B., Kilicci C., ÖNLÜ H., Ozkurt M., ERKASAP N., YILDIRIM E., Sahin F.  
GENE, vol.489, no.2, pp.86-88, 2011 (SCI-Expanded)
- XVII. **The effects of testosterone on isolated sheep coronary artery**  
YILDIRIM E., Erol K.  
ANADOLU KARDIYOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.11, no.4, pp.343-350, 2011 (SCI-Expanded)
- XVIII. **Synthesis and Anticonvulsant Activity of 5-Chloro-2(3H)-benzoxazolinone-3-acetyl-2-(o/p-substituted benzal) hydrazone Derivatives**  
Gokce M., Geciken A. E. , YILDIRIM E., Tosun A. U.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.58, no.11, pp.537-542, 2008 (SCI-Expanded)
- XIX. **Chronopharmacological evaluation of the antinociceptive activities of aspirin and dipyron in mice**

- Kilic F. S. , Yildirim E., Sirmagul B., Erol K.  
Pain Clinic, vol.18, no.2, pp.195-200, 2006 (SCI-Expanded)
- XX. **Effects of verapamil and nifedipine on different parameters in lipopolysaccharide-induced septic shock**  
Sirmagul B., Kilic F. S. , Tunc O., Yildirim E., Erol K.  
HEART AND VESSELS, vol.21, no.3, pp.162-168, 2006 (SCI-Expanded)
- XXI. **Apoptosis-related gene Bcl-2 in lung tissue after experimental traumatic brain injury in rats**  
Yildirim E., Ozisik K., Ozisik P., Emir M., YILDIRIM E., Misirlioglu M., Tuncer S., Kilinc K.  
Heart Lung and Circulation, vol.15, no.2, pp.124-129, 2006 (SCI-Expanded)
- XXII. **Synthesis and antinociceptive activity of (5-chloro-2(3H)-benzoxazolone-3-yl) propanamide derivatives**  
Onkol T., Sahin M., Yildirim E., Erol K., Ito S.  
ARCHIVES OF PHARMACAL RESEARCH, vol.27, no.11, pp.1086-1092, 2004 (SCI-Expanded)
- XXIII. **Intestinal absorption of digoxin and interaction with nimodipine in rats**  
Kilic F. S. , Batu O., Sirmagul B., Yildirim E., Erol K.  
POLISH JOURNAL OF PHARMACOLOGY, vol.56, no.1, pp.137-141, 2004 (SCI-Expanded)
- XXIV. **Synthesis and antinociceptive activity of 2-[(2-oxobenzothiazolin-3-yl) methyl]-5-aminoalkyl/aryl-1,3,4-thiadiazole**  
Onkol T., Cakir B., Sahin M., Yildirim E., Erol K.  
TURKISH JOURNAL OF CHEMISTRY, vol.28, no.4, pp.461-468, 2004 (SCI-Expanded)
- XXV. **Ciprofloxacin and pefloxacin suppress the inflammatory response in rats**  
Kilic F. S. , Batu O., Yildirim E., Erol K., Deliorman S., Uyar R.  
Journal of Health Science, vol.49, no.5, pp.391-394, 2003 (SCI-Expanded)
- XXVI. **The effects of fusidic acid on the inflammatory response in rats**  
Kilic F. S. , Erol K., Batu O., Yildirim E., Usluer G.  
Pharmacological Research, vol.45, no.4, pp.265-267, 2002 (SCI-Expanded)
- XXVII. **Morning-evening administration time differences in digoxin kinetics in healthy young subjects**  
Erol K., Kilic F. S. , Batu O., Yildirim E.  
CHRONOBIOLOGY INTERNATIONAL, vol.18, no.5, pp.841-849, 2001 (SCI-Expanded)
- XXVIII. **Synthesis and anticonvulsant activity of some (2/4- substituted)benzaldehyde (2-oxobenzothiazolin-3-yl)acetohydrazones**  
Cakir B., Yildirim E., Ercanli T., Erol K., Sahin M.  
Farmaco, vol.54, pp.842-845, 1999 (SCI-Expanded)
- XXIX. **Synthesis and X-ray crystal structure of the calcium channel antagonist: dimethyl 1,4-dihydro-2,6-dimethyl-4-[4'-(4H-4-oxo-1-benzopyran-2-yl)phenyl]-3,5-pyridine dicarboxylate**  
Tuncbilek M., Ozbey S., Kendi E., Yildirim E., Erol K., Ertan R.  
Farmaco, vol.54, no.10, pp.660-665, 1999 (SCI-Expanded)
- XXX. **Gastroprotective effects of dipyridamole in Rats**  
Erol K., Sarnic O., Boydag S., Yildirim E.  
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.358, no.1, 1998 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Therapeutic Drug Monitoring of Antiepileptic Drugs in Turkey: Five Years' Experiences** Tu rkiye'de Antiepileptik İ laçların Terapo tik İ laç Du zeyi İ zlemi: BeşYıllık Deneyim  
Erođlu E., Harmancı N., Yildırım E., Sirmagül B.  
Osmangazi Journal Of Medicine, vol.43, no.1, pp.36-41, 2021 (Peer-Reviewed Journal)
- II. **The Effects of Simvastatin on Experimental Schizophrenia Models in Mice**  
Yıldırım E., Kaygısız B.  
ERCIYES MEDICAL JOURNAL, vol.40, pp.23-27, 2018 (ESCI)

### III. Synthesis and Pharmacology of Some New N,N-Disubstituted Dithiocarbamate Derivatives

ÖZKANLI F., GÜNEY USANMAZ A., ÖZADALI SARI K., YILDIRIM E., EROL K.  
FABAD J. Pharm. Sci., vol.35, pp.19-27, 2010 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of cyp3A5 and ABCB1 polymorphisms on dose requirement and trough concentration of Tacrolimus in renal transplant recipients.**  
YILDIRIM E., Şahin G., Kaltus Z., ÇOLAK E.  
EACPT 2019, Stockholm, Sweden, 29 June - 02 July 2019
- II. **Effect of cyp3a5 and abcb1 polymorphisms on dose requirement and trough concentration of tacrolimus in renal transplant recipients.**  
YILDIRIM E., ŞAHİN G., Kaltuş Z., ÇOLAK E.  
14th Congress of the European Association for Clinical Pharmacology and Therapeutics (EACPT), Stockholm, Sweden, 29 June - 02 July 2019
- III. **A 1-year experience of therapeutic drug monitoring (TDM) in a university hospital**  
HARMANCI N., BOZKURT E., YILDIRIM E., SIRMAGÜL B.  
3rd Regional TIAFT Meeting in Turkey, 18 - 20 October 2018
- IV. **Sisplatin nörotoksitesine karşı agmatinin koruyucu etkilerinin sıçanlarda araştırılması**  
ÇENGELLİ ÜNEL Ç., DÖNERTAŞ B., AYDIN Ş., ULUPINAR E., ÖZATİK O., KAYGISIZ B., YILDIRIM E., EROL K.  
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 20 October 2017
- V. **Kronik Anandamid Uygulamasının Sıçanlarda Sisplatinle İndüklenen Nöropati Üzerine Etkileri**  
DÖNERTAŞ B., AYDIN Ş., ÇENGELLİ ÜNEL Ç., KAYGISIZ B., YILDIRIM E., ULUPINAR E., EROL K.  
15. Ulusal Sinirbilim Kongresi, Turkey, 7 - 10 May 2017
- VI. **Kronik agmatin uygulamasının sıçanlarda sisplatinle indüklenen nöropati üzerine etkileri**  
ÇENGELLİ ÜNEL Ç., AYDIN Ş., DÖNERTAŞ B., KAYGISIZ B., YILDIRIM E., ULUPINAR E., EROL K.  
15. Ulusal Sinirbilim Kongresi, Turkey, 7 - 10 May 2017
- VII. **Effects of agmatine on cisplatin-induced neuropathy and neurotoxicity**  
KAYGISIZ B., ÇENGELLİ ÜNEL Ç., AYDIN Ş., DÖNERTAŞ B., YILDIRIM E., ULUPINAR E., EROL K.  
7th European Congress of Pharmacology (EPHAR2016), 26 - 30 June 2016
- VIII. **Effects of anandamide on cisplatin-induced neuropathy and neurotoxicity**  
KAYGISIZ B., DÖNERTAŞ B., AYDIN Ş., ÇENGELLİ ÜNEL Ç., YILDIRIM E., ULUPINAR E., EROL K.  
7th European Congress of Pharmacology (EPHAR2016), 26 - 30 June 2016
- IX. **GALANGİNİN PREPULSE İNHİBİSYON VE DENEYSSEL ŞİZOFRENİ MODELLERİ ÜZERİNDEKİ ETKİSİNİN ARAŞTIRILMASI**  
KAYGISIZ B., KILIÇ F. S., YILDIRIM E., AYDIN Ş., MUSMUL A., EROL K.  
23. Ulusal Farmakoloji Kongresi, Turkey, 7 - 10 September 2015
- X. **Effects of galangin in prepulse inhibition in rats**  
KAYGISIZ B., FS K., EROL K., YILDIRIM E., AYDIN Ş., MUSMUL A.  
17th World Congress of Basic and Clinical Pharmacology, 13 - 18 July 2014

## Supported Projects

YILDIRIM E., KALTUŞ Z., Project Supported by Higher Education Institutions, Tacrolimus kullanan böbrek nakil hastalarında CYP2C8, CYP3A5 ve ABCB1 gen polimorfizmlerinin nakil sonrası böbrek fonksiyonu üzerine etkisi, 2020 - 2021

BİLİR A., ÇENGELLİ ÜNEL Ç., YILDIRIM E., TANYEL KİREMİTÇİ T., Project Supported by Higher Education Institutions, Sıçanda oluşturulan deneysel nöropatik ağrı modelinde NLRP1 inflamazomu ve interlökin 1b'nin rolü ve tramadol tedavisinin etkisi, 2019 - 2021

## **Memberships / Tasks in Scientific Organizations**

Türk Farmakoloji Derneđi, Member, 1997 - Continues, Turkey

## **Scientific Refereeing**

Project Supported by Higher Education Institutions, BAP Research Project, Eskisehir Osmangazi University, Turkey, February 2022

Scientific Publication, Tıp Fakóltesi, Eskisehir Osmangazi University, Turkey, October 2021

Scientific Publication, Tıp Fakóltesi, Eskisehir Osmangazi University, Turkey, October 2021

## **Metrics**

Publication: 82

Citation (WoS): 246

Citation (Scopus): 258

H-Index (WoS): 10

H-Index (Scopus): 10