

## **Prof. Beyzagül ERKAYMAN**

### **Personal Information**

**Office Phone:** [+90 442 231 5242](tel:+904422315242)

**Fax Phone:** [+90 442 231 5201](tel:+904422315201)

**Web:** <https://avesis.atauni.edu.tr/beyzagul>

### **International Researcher IDs**

ScholarID: a9EGL\_QAAAAJ

ORCID: 0000-0003-2042-5949

Publons / Web Of Science ResearcherID: G-6010-2012

Yoksis Researcher ID: 32661

### **Education Information**

Post Doctorate, Universitaet Innsbruck, Biochemica, Austria 2015 - 2015

Post Doctorate, University of Oxford, Pharmacology, United Kingdom 2014 - 2014

Doctorate, Ataturk University, Sağlık Bilimleri Enstitüsü, Tıbbi Farmakoloji, Turkey 2009 - 2012

Postgraduate, Ataturk University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, Turkey 2006 - 2009

Undergraduate, Ataturk University, Eczacılık Fakültesi, Turkey 2002 - 2006

### **Foreign Languages**

English, C1 Advanced

### **Certificates, Courses and Trainings**

Health&Medicine, Klinik Araştırmalar Kursu, Sağlık Bakanlığı, 2012

### **Dissertations**

Doctorate, Tiyaamin ve tiyaamin pirofosfatın doksorubisin ile oluşturulan deneysel kardiyotoksositeye etkilerinin biyokimyasal ve histopatolojik olarak incelenmesi, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Farmakoloji, 2012

Postgraduate, Sıçan mide dokusunun indometazin toksisitesine karşı gastrik adaptasyonu, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, 2009

### **Research Areas**

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology, Medical Pharmacology and Toxicology, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

### **Academic Titles / Tasks**

Professor, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues  
Associate Professor, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2015 - 2020  
Assistant Professor, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2012 - 2015  
Research Assistant, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2006 - 2012

## Academic and Administrative Experience

YÖKAK Kurumsal Dış Değerlendirme Komisyonu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - Continues  
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - Continues  
Fakülte Kurulu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2017 - Continues  
Atatürk Üniversitesi, Eczacılık Fakültesi, 2017 - Continues  
Akreditasyon, Sürekli Gelişim ve Yenilenme Kurulu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - Continues  
Eğitim ve Müfredat Kurulu üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - Continues  
Atatürk Üniversitesi, Farmakoloji, 2015 - Continues  
Fakülte Yönetim Kurulu Üyesi, Ataturk University, Eczacılık Fakültesi, 2015 - Continues  
BAP Scientific Commissioner, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - 2024  
Vice Dean, Ataturk University, Eczacılık Fakültesi, 2016 - 2020

## Courses

Tıbbi Toksikoloji 2 bahar, Doctorate, 2022 - 2023  
Mezuniyet Projesi 1, Undergraduate, 2023 - 2024  
Deneysel İnflamasyon modelleri 2 bahar, Doctorate, 2022 - 2023  
Farmakoloji 3, Undergraduate, 2023 - 2024  
Farmakoloji 1, Undergraduate, 2023 - 2024  
Farmakoloji 4, Undergraduate, 2022 - 2023  
Tıbbi Toksikoloji 2, Doctorate, 2023 - 2024  
Deneysel İnflamasyon modelleri, Doctorate, 2023 - 2024  
İlaç Etkileşimleri, Undergraduate, 2023 - 2024  
Mezuniyet Projesi 2, Undergraduate, 2022 - 2023  
Hastane Şartlarında Kullanılan İlaçlar, Undergraduate, 2023 - 2024  
Farmakoloji 2, Undergraduate, 2022 - 2023

## Jury Memberships

Academic Staff Examination, Academic Staff Examination, Atatürk Üniversitesi, December, 2023  
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, December, 2023  
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, November, 2023  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, August, 2023  
Doctorate, Doctorate, Atatürk Üniversitesi, August, 2023  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, August, 2023  
Doctorate, Doctorate, Atatürk Üniversitesi, July, 2023  
Committee Of Expert, Committee Of Expert, Atatürk Üniversitesi, July, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Atatürk Üniversitesi, June, 2023

Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, May, 2023

Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, May, 2023

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

- I. **Evaluation of the protective effects of curcumin-rich turmeric (*Curcuma longa*) extract against isotretinoin-induced liver damage in rats**  
Nuriyeva N., Yurdgulu E. E., ALBAYRAK A., Aliyev H., Aliyeva K., ERKAYMAN B., BAYIR Y.  
TOXICOLOGY MECHANISMS AND METHODS, vol.34, no.2, pp.122-129, 2024 (SCI-Expanded)
- II. **Metabolomics approach: Interpretation of changes in rat plasma metabolites after solifenacin treatment**  
AKMAN T. Ç., KADIOĞLU Y., ŞENOL O., ERKAYMAN B.  
Brazilian Journal of Pharmaceutical Sciences, vol.58, 2022 (SCI-Expanded)
- III. **Investigation of serum and brain superoxide dismutase levels depending on atomoxetine used in attention-deficit/hyperactivity disorder treatment: A combination of in vivo and molecular docking studies**  
Gür F., Gür B., Erkayman B., Halıcı Z., Karakoç A.  
Bioorganic Chemistry, vol.105, 2020 (SCI-Expanded)
- IV. **Metabolomic profiling of liver tissues after acute administration of vardenafil in rats.**  
ŞENOL O., Palabiyik Ş. S., Polat B., KADIOĞLU Y., YAMAN M. E.  
Veterinary research forum : an international quarterly journal, vol.11, no.3, pp.213-217, 2020 (SCI-Expanded)
- V. **Protective effect of 5-HT7 receptor activation against glutamate-induced neurotoxicity in human neuroblastoma SH-SY5Y cells via antioxidative and antiapoptotic pathways.**  
Yuksel T. N., YAYLA M., HALICI Z., ÇADIRCI E., Polat B., KÖSE D.  
Neurotoxicology and teratology, vol.72, pp.22-28, 2019 (SCI-Expanded)
- VI. **Liver 5-HT7 receptors: A novel regulator target of fibrosis and inflammation-induced chronic liver injury in vivo and in vitro**  
Polat B., HALICI Z., ÇADIRCI E., Karakus E., BAYIR Y., ALBAYRAK A., Unal D.  
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.43, pp.227-235, 2017 (SCI-Expanded)
- VII. **A new update for radiocontrast-induced nephropathy aggravated with glycerol in rats: the protective potential of epigallocatechin-3-gallate**  
Palabiyik S. S., DINCER B., ÇADIRCI E., CINAR I., Gundogdu C., Polat B., Yayla M., HALICI Z.  
RENAL FAILURE, vol.39, no.1, pp.314-322, 2017 (SCI-Expanded)
- VIII. **Inhibiting renin angiotensin system in rate limiting step by aliskiren as a new approach for preventing indomethacin induced gastric ulcers**  
HALICI Z., Polat B., ÇADIRCI E., TOPCU A., Karakus E., KÖSE D., ALBAYRAK A., BAYIR Y.  
CHEMICO-BIOLOGICAL INTERACTIONS, vol.258, pp.266-275, 2016 (SCI-Expanded)
- IX. **Aliskiren - a promising strategy for ovarian ischemia/reperfusion injury protection in rats via RAAS.**  
BAYIR Y., ÇADIRCI E., Polat B., BAYGUTALP N., ALBAYRAK A., Karakus E., Un H., KELEŞ M. S., OZGERIS F. B. K., Toktay E., et al.  
Gynecological endocrinology : the official journal of the International Society of Gynecological Endocrinology, vol.32, no.8, pp.675-683, 2016 (SCI-Expanded)
- X. **Nephroprotective potential of carnitine against glycerol and contrast-induced kidney injury in rats through modulation of oxidative stress, proinflammatory cytokines, and apoptosis**  
Kunak C. S., Uğan R. A., Çadirci E., Karakus E., Polat B., Un H., Halıcı Z., Saritemur M., Atmaca H. T., Karaman A.  
BRITISH JOURNAL OF RADIOLOGY, vol.89, no.1058, 2016 (SCI-Expanded)
- XI. **Treatment with Carnitine Enhances Bone Fracture Healing under Osteoporotic and/or Inflammatory Conditions**

AYDIN A., HALICI Z., ALBAYRAK A., Polat B., Karakus E., YILDIRIM Ö. S., BAYIR Y., ÇADIRCI E., Ayan A. K., AKSAKAL A. M.

BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.117, no.3, pp.173-179, 2015 (SCI-Expanded)

- XII. **Renoprotective effect of aliskiren on renal ischemia/reperfusion injury in rats: electron microscopy and molecular study.**  
Ziypak T., HALICI Z., ALKAN E., AKPINAR E., Polat B., ADANUR Ş., ÇADIRCI E., FERAH I., BAYIR Y., Karakus E., et al.  
Renal failure, vol.37, no.2, pp.343-54, 2015 (SCI-Expanded)
- XIII. **What is the role of renin inhibition during rat septic conditions: preventive effect of aliskiren on sepsis-induced lung injury**  
AKPINAR E., HALICI Z., ÇADIRCI E., BAYIR Y., Karakus E., Calik M., TOPCU A., Polat B.  
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.387, no.10, pp.969-978, 2014 (SCI-Expanded)
- XIV. **The Effect of Levosimendan in Rat Mesenteric Ischemia/Reperfusion Injury**  
Polat B., ALBAYRAK A., HALICI Z., Karakus E., BAYIR Y., DEMİRCİ E., ÇADIRCI E., Odaci E., YAYLA M., ATAMANALP S. S.  
JOURNAL OF INVESTIGATIVE SURGERY, vol.26, no.6, pp.325-333, 2013 (SCI-Expanded)
- XV. **Peripheral 5-HT7 receptors as a new target for prevention of lung injury and mortality in septic rats**  
ÇADIRCI E., HALICI Z., BAYIR Y., ALBAYRAK A., Karakus E., Polat B., Unal D., ATAMANALP S. S., AKSAK S., Gundogdu C.  
IMMUNOBIOLOGY, vol.218, no.10, pp.1271-1283, 2013 (SCI-Expanded)
- XVI. **The effect of alpha-lipoic acid in ovariectomy and inflammation-mediated osteoporosis on the skeletal status of rat bone**  
Polat B., Halıcı Z., Çadirci E., Albayrak A., Karakus E., Bayır Y., Bilen H., Şahin A., Yuksel T. N.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.718, no.1-3, pp.469-474, 2013 (SCI-Expanded)
- XVII. **Inflammation and peripheral 5-HT7 receptors: The role of 5-HT7 receptors in carrageenan induced inflammation in rats**  
ALBAYRAK A., HALICI Z., ÇADIRCI E., Polat B., Karakus E., BAYIR Y., Unal D., Atasoy M., DOGRUL A.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.715, pp.270-279, 2013 (SCI-Expanded)
- XVIII. **Agomelatine: an antidepressant with new potent hepatoprotective effects on paracetamol-induced liver damage in rats.**  
KARAKUS E., Halici Z., Albayrak A., Polat B., Bayir Y., Kiki I., Cadirci E., TOPCU A., AKSAK S.  
Human & experimental toxicology, vol.32, pp.846-57, 2013 (SCI-Expanded)
- XIX. **The protective effect of amiodarone in lung tissue of cecal ligation and puncture-induced septic rats: a perspective from inflammatory cytokine release and oxidative stress**  
Polat B., ÇADIRCI E., HALICI Z., BAYIR Y., Unal D., Bilgin B. C., YUKSEL T. N., VANÇELİK S.  
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.386, no.7, pp.635-643, 2013 (SCI-Expanded)
- XX. **Protective effects of lithium: A new look at an old drug with potential antioxidative and anti-inflammatory effects in an animal model of sepsis**  
ALBAYRAK A., HALICI Z., Polat B., Karakus E., ÇADIRCI E., BAYIR Y., Kunak S., KARCIOGLU S. S., Yigit S., Unal D., et al.  
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.16, no.1, pp.35-40, 2013 (SCI-Expanded)
- XXI. **An investigation about the inhibition of acute ischemia/reperfusion damage by dexmedetomidine in rat ovarian tissue**  
KURT A., İNGEÇ M., İSAOĞLU U., Yılmaz M., CETIN N., Calik M., Polat B., Akcay F., Gundogdu C., Suleyman H.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.29, no.3, pp.222-225, 2013 (SCI-Expanded)
- XXII. **Comparative study of three angiotensin II type 1 receptor antagonists in preventing liver fibrosis in diabetic rats: stereology, histopathology, and electron microscopy.**  
Sipal S., Halici Z., Kiki I., Polat B., Albayrak A., Albayrak F., KARAKUS E., AKSAK S., OZTURK B., GUNDOGDU C.  
Journal of molecular histology, vol.43, pp.723-35, 2012 (SCI-Expanded)
- XXIII. **The protective effects of metyrosine, lacidipine, clonidine, and moxonidine on kidney damage induced by unilateral ureteral obstruction in rats**  
YİĞİTER M., YILDIZ A., Polat B., ALP H. H., KELEŞ O. N., SALMAN A. B., Suleyman H.  
SURGERY TODAY, vol.42, no.11, pp.1051-1060, 2012 (SCI-Expanded)

- XXIV. **Estimating the postmortem interval by the difference between oxidant/antioxidant parameters in liver tissue**  
ŞENER M. T., Suleyman H., HACIMÜFTÜOĞLU A., Polat B., CETIN N., SULEYMAN B., Akcay F.  
Advances in Clinical and Experimental Medicine, vol.21, no.6, pp.727-733, 2012 (SCI-Expanded)
- XXV. **Relation between Proepileptic Activity of Indomethacin and Adrenal Gland Hormones.**  
Hacimuftuoglu A., SULEYMAN H., Cadirci E., Albayrak A., Polat B., Hakan A., Halici Z.  
Iranian journal of pharmaceutical research : IJPR, vol.11, pp.939-48, 2012 (SCI-Expanded)
- XXVI. **The effect of metyrosine/prednisolone combination to oophorectomy-induced osteoporosis**  
SALMAN S., KUMBASAR S., HACIMÜFTÜOĞLU A., OZTURK B., SEVEN B., Polat B., Gundogdu C., DEMİRCİ E., Yildirim K., Akcay F., et al.  
Iranian Journal of Reproductive Medicine, vol.10, no.4, pp.363-372, 2012 (SCI-Expanded)
- XXVII. **Nigella sativa as a potential therapy for the treatment of lung injury caused by cecal ligation and puncture-induced sepsis model in rats.**  
Bayir Y., Albayrak A., CAN I., KARAGOZ Y., ÇAKIR A., SULEYMAN H., Uyanik H., YAYLA N., Polat B., KARAKUS E., et al.  
Cellular and molecular biology (Noisy-le-Grand, France), 2012 (SCI-Expanded)
- XXVIII. **Biochemical and histologic study of lethal cisplatin nephrotoxicity prevention by mirtazapine**  
ŞENER M. T., Sener E., TOK A., Polat B., CİNAR I., Polat H., Akcay F., Suleyman H.  
Pharmacological Reports, vol.64, no.3, pp.594-602, 2012 (SCI-Expanded)
- XXIX. **Effect of mirtazapine on oxidative stress created in rat kidneys by ischemia-reperfusion.**  
TOK A., Sener E., Albayrak A., CETIN N., Polat B., SULEYMAN B., AKCAY F., SULEYMAN H.  
Renal failure, vol.34, pp.103-10, 2012 (SCI-Expanded)
- XXX. **Anti-Inflammatory and Antinociceptive Effects of Salbutamol on Acute and Chronic Models of Inflammation in Rats: Involvement of an Antioxidant Mechanism**  
Uzkeser H., ÇADIRCI E., HALICI Z., Odabasoglu F., Polat B., YÜKSEL T. N., ÖZALTIN S., ATALAY F.  
MEDIATORS OF INFLAMMATION, 2012 (SCI-Expanded)
- XXXI. **PREVENTION OF ISCHEMIA-REPERFUSION INJURY IN RAT OVARIAN TISSUE WITH THE ON-OFF METHOD**  
İNGEÇ M., İSAOĞLU Ü., YILMAZ M., ÇALIK M., ERKAYMAN B., ALP H., KURT A., GÜNDOĞDU C., SÜLEYMAN H.  
JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.62, no.5, pp.575-582, 2011 (SCI-Expanded)
- XXXII. **Effects of Epinephrine and Cortisol on the Analgesic Activity of Metyrosine in Rats**  
Albayrak Y., SAĞLAM M. B., Yildirim K., KARATAY S., Polat B., USLU T., Suleyman H., Akcay F.  
ARCHIVES OF PHARMACAL RESEARCH, vol.34, no.9, pp.1519-1525, 2011 (SCI-Expanded)
- XXXIII. **Biochemical and histological investigation of famotidine effect on postischemic reperfusion injury in the rat ovary**  
KURT A., İSAOĞLU Ü., YILMAZ M., ÇALIK M., POLAT B., Hakan H., İNGEÇ M., SÜLEYMAN H.  
JOURNAL OF PEDIATRIC SURGERY, vol.46, no.9, pp.1817-1823, 2011 (SCI-Expanded)
- XXXIV. **The Effects of Diabetes and/or Polymicrobial Sepsis on the Status of Antioxidant Enzymes and Pro-Inflammatory Cytokines on Heart, Liver, and Lung of Ovariectomized Rats**  
Albayrak A., UYANIK M. H., Odabasoglu F., HALICI Z., UYANIK A., BAYIR Y., ALBAYRAK F., Albayrak Y., Polat B., Suleyman H.  
JOURNAL OF SURGICAL RESEARCH, vol.169, no.1, pp.67-75, 2011 (SCI-Expanded)
- XXXV. **Effects of diabetes mellitus on the rat liver during the postmenopausal period**  
Unal D., Aksak S., HALICI Z., SENGUL O., Polat B., Unal B., Halici M. B.  
JOURNAL OF MOLECULAR HISTOLOGY, vol.42, no.3, pp.273-287, 2011 (SCI-Expanded)
- XXXVI. **Antiulcerative effect of dexmedetomidine on indomethacin-induced gastric ulcer in rats**  
POLAT B., albayrak y., SÜLEYMAN B., DURSUN H., ODABAŞOĞLU F., YİĞİTER M., HALICI Z., SÜLEYMAN H.  
PHARMACOLOGICAL REPORTS, vol.63, no.2, pp.518-526, 2011 (SCI-Expanded)
- XXXVII. **Influence of adrenal hormones in the occurrence and prevention of stress ulcers**  
YİĞİTER M., Albayrak Y., Polat B., SULEYMAN B., SALMAN A. B., Suleyman H.  
JOURNAL OF PEDIATRIC SURGERY, vol.45, no.11, pp.2154-2159, 2010 (SCI-Expanded)
- XXXVIII. **Evaluation of Pain Levels After Nd: YAG Laser and Scalpel Incisions: An Experimental Study In Rats**

- Kara C., Suleyman H., TEZEL A., ORBAK R., ÇADIRCI E., Polat B., KARA I.  
PHOTOMEDICINE AND LASER SURGERY, vol.28, no.5, pp.635-638, 2010 (SCI-Expanded)
- XXXIX. **Adaptation of rat gastric tissue against indomethacin toxicity**  
Polat B., Suleyman H., ALP H. H.  
CHEMICO-BIOLOGICAL INTERACTIONS, vol.186, no.1, pp.82-89, 2010 (SCI-Expanded)
- XL. **Protective effects of telmisartan on ischemia/reperfusion injury of rat ovary: biochemical and histopathologic evaluation**  
KUMTEPE Y., Odabasoglu F., KARACA M., Polat B., Halici M. B., Keles O. N., Altunkaynak Z., GÖÇER F.  
FERTILITY AND STERILITY, vol.93, no.4, pp.1299-1307, 2010 (SCI-Expanded)
- XLI. **Gastric anti-ulcerative and anti-inflammatory activity of metyrosine in rats**  
ALBAYRAK A., Polat B., ÇADIRCI E., HACIMÜFTÜOĞLU A., HALICI Z., GULAPOGLU M., ALBAYRAK F., Suleyman H.  
Pharmacological Reports, vol.62, no.1, pp.113-119, 2010 (SCI-Expanded)
- XLII. **The role of erythropoietin in the protection of gastric mucosa from indometacin-induced gastric injury and its relationship with oxidant and antioxidant parameters in rats**  
ALBAYRAK F., Odabasoglu F., HALICI Z., Polat B., DURSUN H., UYANIK A., Bayir Y., Koc F., Suleyman H., ALBAYRAK Y.  
Journal of Pharmacy and Pharmacology, vol.62, no.1, pp.85-90, 2010 (SCI-Expanded)
- XLIII. **Does haloperidol have side effects on histological and stereological structure of the rat kidneys**  
UYANIK A., Unal D., HALICI Z., CETINKAYA R., ALTUNKAYNAK B. Z., KELEŞ O. N., Polat B., TOPAL A., COLAK S., Suleyman H., et al.  
Renal Failure, vol.31, no.7, pp.573-581, 2009 (SCI-Expanded)
- XLIV. **Comparative study on the gastroprotective potential of some antidepressants in indomethacin-induced ulcer in rats.**  
SULEYMAN H., Cadirci E., Albayrak A., Polat B., Halici Z., KOC F., Hacimuftuoglu A., Bayir Y.  
Chemico-biological interactions, vol.180, pp.318-24, 2009 (SCI-Expanded)
- XLV. **Role of  $\alpha$ -2 adrenergic receptors in anti-ulcer effect mechanism of estrogen and luteinising hormone on rats**  
BÖREKÇİ B., KUMTEPE Y., Karaca M., HALICI Z., ÇADIRCI E., ALBAYRAK F., Polat B., Suleyman H.  
Gynecological Endocrinology, vol.25, no.4, pp.264-268, 2009 (SCI-Expanded)
- XLVI. **Reason for the aggravation of diseases caused by inflammation and the ineffectiveness of NSAIDs on these diseases in rainy weather**  
Suleyman H., ÇADIRCI E., ALBAYRAK A., HALICI Z., Polat B., HACIMÜFTÜOĞLU A., ALP H.  
Pharmacological Reports, vol.61, no.3, pp.514-519, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A metabolomics study: Could plasma metabolites be a guide for the prevention of tamsulosin side effects? Une étude métabolomique: les métabolites plasmatiques pourraient-ils être un guide pour la prévention des effets secondaires de la tamsulosine ?**  
Akman T. Ç., Kadioğlu Y., Şenol O., ErKayman B.  
Annales Pharmaceutiques Francaises, vol.81, no.2, pp.220-232, 2023 (ESCI)
- II. **Thymoquinone Ameliorates Indomethacin-Induced Gastric Ulcers in Rats: A Dose Response Study**  
Turan C., BAYIR Y., KARAGÖZ Y., ALBAYRAK A., ERKAYMAN B., DUYSAK L.  
New Trends in Medicine Sciences, vol.2, no.1, pp.15-23, 2021 (Peer-Reviewed Journal)
- III. **Sepsis Oluşturmak İçin Kullanılan Deneysel Hayvan Modelleri**  
ERKAYMAN B.  
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.15, no.2, pp.181-186, 2020 (Scopus)
- IV. **Olmesartan ve Pioglitazonun Sıçanlarda Karrageninle İndüklenen İnflamatuvar Pençe Ödemine Etkileri**  
ÇADIRCI E., HALICI Z., POLAT B., FERAH I.

Journal of Clinical and Analytical Medicine, vol.3, pp.72-75, 2012 (Scopus)

- V. **Preparation and in vivo evaluation of Eudragit® L100/Eudragit® NM 30D enteric granules containing Diclofenac sodium: Anti-inflammatory and ulcerogenic activity**

Çetin M., Süleyman H., Çadircı E., Demir E. T., Hacimüftüoğlu A., Polat B.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.7, no.3, pp.237-248, 2010 (Scopus)

- VI. **PREPARATION AND IN VIVO EVALUATION OF EUDRAGIT L100 EUDRAGIT NM 30D ENTERIC GRANULES CONTAINING DICLOFANAC SODIUM ANTI INFLAMMATORY AND ULCEROGENIC**

ÇETİN M., demir e. t., SÜLEYMAN H., ÇADIRCI E., HACİMÜFTÜOĞLU A., POLAT B.

Turkish Journal of Pharmaceutical Sciences, vol.1, no.8, pp.237-248, 2010 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF THE EFFECTS OF BORIC ACID AND ZINC BORATE ON MIGRATION IN L929 MOUSE FIBROBLAST CELL LINE**

Yurdgülü E. E., Albayrak A., ErKayman B., Yücelik Ş. S., Civelek M. S., Bayır Y.

International Biochemistry Congress 2021 - 32nd National Biochemistry Congress, Gaziantep, Turkey, 27 October 2021, vol.46, pp.46

- II. **INVESTIGATION OF THE EFFECTS OF BORIC ACID AND ZINC BORATE IN L929 MOUSE FIBROBLAST CELL LINE**

Civelek M. S., Albayrak A., ErKayman B., Yücelik Ş. S., Yurdgülü E. E., Bayır Y.

International Biochemistry Congress 2021 - 32nd National Biochemistry Congress, Gaziantep, Turkey, 27 - 30 October 2021, vol.46, pp.46

- III. **Metabolic Profiling of Silodosin on Unilateral Obstructed Rat Ureter**

AKMAN T. Ç., KADIOĞLU Y., ŞENOL O., POLAT B.

International Multidisciplinary Symposium On Drug Research & Development (Drd 2019), Malatya, Turkey, 1 - 03 July 2019

- IV. **Metabolic Profiling of Silodosin on Unilateral Obstructed Rat Ureter**

AKMAN T. Ç., KADIOĞLU Y., ŞENOL O., POLAT B.

International Multidisciplinary Symposium On Drug Research & Development (Drd 2019), Malatya, Turkey, 1 - 03 July 2019

- V. **İnsan Sh-Sy5y Nöroblastoma Hücrelerinde Glutamat ile İndüklenen Nörotoksositeye Karşı 5-Ht7 Reseptörlerinin Antioksidatif ve Antiapoptotik Yolaklar ile Koruyucu Etkisi**

YÜKSEL T. N., YAYLA M., HALICI Z., ÇADIRCI E., ERKAYMAN B., KÖSE D.

4.Uluslararası Bilimsel Araştırmalar Kongresi (UBAK-YALOVA), Yalova, Turkey, 14 - 17 February 2019

- VI. **İnsan Sh-Sy5y Nöroblastom Hücrelerinde Glutamat ile İndüklenen Nörotoksositeye Karşı 5-Ht7 Reseptörlerinin Antioksidatif ve Antiapoptotik Yolaklar ile Koruyucu Etkisi**

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4. Uluslararası Bilimsel Araştırmalar Kongresi, 14 - 17 February 2019

- VII. **Protective effect of an L-type calcium channel blocker, amlodipine, on paracetamol- induced hepatotoxicity in rats**

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- VIII. **Protective Effects of Aliskiren, a RAAS İnhibitor, on Ovarian Ischemia/Reperfusion Injury in Rats**  
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- IX. **Vardenafil etkin maddesinin sıçanlarda metabolom analizi.**

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- X. **Antidepresan İlaçlarda Akılcı İlaç Kullanımı**  
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- XI. **Gastrointestinal Sistem'de in vivo Çalışmalar: Deneysel Ülser Modelleri**  
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- XII. **Investigation of effects of thymoquinone against indomethacine induced gastric damage in rats**  
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- XIII. **Investigation of effects of thymoquinone against indomethacine induced gastric damage in rats**  
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- XIV. **Peripheral 5 HT7 receptors A Novel Regulator target of fibrosis and Inflammation Induced chronic Liver injury in vivo**  
POLAT B., HALICI Z., ÇADIRCI E., KARAKUŞ E., BAYIR Y., ALBAYRAK A., ÜNAL D.  
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- XV. **The investigation of the effect of ebselen in CLP cecal ligation and puncture induced sepsis model in rats A biochemical study**  
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- XVI. **Effects Of Boron Nitride And Or Hydroxyapatite Plaques On Bone Healing In Rats With Femoral Fracture**  
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- XXI. **A New Approach To The Mechanism Of Paracetamol Hepatotoxicity: Liver 5-Ht7 Receptors**  
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- XXII. **Ovariectomy and Inflammation mediated Osteoporosis On The Skeletal Status Of Rat Bone**  
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## Supported Projects

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KADIOĞLU Y., BİLGİNER S., YAMAN M. E., UĞAN R. A., AŞCI A., POLAT B., FERAH OKKAY I., Project Supported by Higher Education Institutions, Eczacılık Fakültesi GÜdümlü Araştırma Projesi, 2018 - 2020

ERKAYMAN B., PALABIYIK Ş. S., Project Supported by Higher Education Institutions, "GÜÇLÜ BİR ANTİOKSİDAN OLAN EBSELENİN İNSAN PERİFERAL KAN MONONÜKLEER HÜCRELERİNDE TH1 TİPİ İMMÜN CEVABA ETKİSİ", 2016 - 2019

KADIOĞLU Y., POLAT B., SEVİNÇ ÖZAKAR R., BİLGİNER S., ŞENOL O., YAMAN M. E., Project Supported by Higher Education Institutions, International Multidisciplinary Symposium on Drug Research and Development kongresinin düzenlenmesi, 2017 - 2018

ALBAYRAK A., ERKAYMAN B., TUBITAK Project, Bor nitür ve hidroksiapatit'in kemik kırık iyileşmesindeki rolü, 2012 - 2018

POLAT B., KADIOĞLU Y., YAMAN M. E., Project Supported by Higher Education Institutions, "RATLARDA SİLDENAFİL, TADALAFİL VE VARDENAFİL ETKİN MADDELERİNİN KARACİĞER, BÖBREK, DALAK VE AKCİĞER DOKULARINDA METABOLOM ANALİZLERİNİN YAPILMASI", 2016 - 2017

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Gür F., ErKayman B., Project Supported by Higher Education Institutions, Uzun süreli atomoksetin uygulanmasının ratlarda antioksidan Sistemi Lipit Peroksidasyonu Bakımından Etkisinin Sitolojik Ve Histopatolojik Olarak İncelenmesi, 2010 - 2014

ERKAYMAN B., Project Supported by Higher Education Institutions, SEPTİK RATLARDA ÇEŞİTLİ ORGAN HASARLANMALARINDA BİR RENİN İNHİBİTÖRÜ OLAN ALİSKİRENİN ETKİLERİNİN ARAŞTIRILMASI, 2012 - 2013

## Activities in Scientific Journals

pharmata, Advisory Committee Member, 2023 - Continues

## Scientific Refereeing

Canadian Journal of Gastroenterology and Hepatology, Other Indexed Journal, March 2019

## Metrics

Publication: 83

Citation (WoS): 974

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H-Index (WoS): 20

H-Index (Scopus): 21

## Congress and Symposium Activities

İlaç Kimyası Kongresi, Invited Speaker, Antalya, Turkey, 2017

İlaç Kimyası Kongresi, Attendee, Antalya, Turkey, 2017

## Awards

ERKAYMAN B., Eczacılık Akademisi Bilimsel Teşvik Ödülü, Türk Eczacıları Birliği, May 2015