

Prof. Beyzagül ERKAYMAN

Personal Information

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Education Information

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

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

Doctorate, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Farmakoloji, Turkey 2009 - 2012

Postgraduate, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, Turkey 2006 - 2009

Undergraduate, Atatürk Üniversitesi, Eczacılık Fakültesi, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

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

Dissertations

Doctorate, Tiyamin ve tiyamin 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

BAP Scientific Commissioner, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues
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
Fakülte Yönetim Kurulu Üyesi, Ataturk University, Eczacılık Fakültesi, 2015 - Continues
Atatürk Üniversitesi, Farmakoloji, 2015 - Continues
Vice Dean, Ataturk University, Eczacılık Fakültesi, 2016 - 2020

Courses

Danışmanlık, Doctorate, 2019 - 2020
Akılcı İlaç Uygulamaları, Undergraduate, 2020 - 2021
Farmakoloji 1, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi 6, Doctorate, 2019 - 2020
Uzmanlık Alan Dersi 7, Doctorate, 2020 - 2021
Araştırma Projesi 1, Undergraduate, 2020 - 2021
Farmakoloji 3, Undergraduate, 2020 - 2021
Uzmanlık Alan Dersi 6, Doctorate, 2020 - 2021
Temel Farmakoloji, Doctorate, 2020 - 2021
Farmakoloji 1, Undergraduate, 2020 - 2021
Temel Farmakoloji, Doctorate, 2019 - 2020
Farmakoloji 4, Undergraduate, 2020 - 2021
Uzmanlık Alan Dersi 3, Doctorate, 2019 - 2020
Tıbbi Toksikoloji 2, Doctorate, 2019 - 2020
Deneysel İnflamasyon modelleri, Doctorate, 2020 - 2021
Mesleki İngilizce Sunum Teknikleri, Undergraduate, 2019 - 2020
İlaç Etkileşimleri, Undergraduate, 2020 - 2021
Araştırma Projesi 2, Undergraduate, 2019 - 2020
Hastane Şartlarında Kullanılan İlaçlar, Undergraduate, 2020 - 2021
Danışmanlık, Doctorate, 2020 - 2021
Uzmanlık Alan Dersi 5, Undergraduate, 2019 - 2020
Farmasötik Bakım, Undergraduate, 2020 - 2021
Uzmanlık Alan Dersi 1, Doctorate, 2020 - 2021
Farmakoloji 3, Undergraduate, 2019 - 2020
Tıbbi Toksikoloji, Doctorate, 2020 - 2021
Farmakoterapi, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi 4, Doctorate, 2020 - 2021
Farmakoloji 2, Undergraduate, 2020 - 2021
Farmakoloji 2, Undergraduate, 2019 - 2020

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

1. 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., Erkeyman B., Halıcı Z., Karakoç A.

Bioorganic Chemistry, vol.105, 2020 (Journal Indexed in SCI)

- II. **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 (Journal Indexed in SCI Expanded)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **Aliskiren - a promising strategy for ovarian ischemia/reperfusion injury protection in rats via RAAS**
BAYIR Y., ÇADIRCI E., Polat B., BAYGUTALP N. K. , ALBAYRAK A., Karakus E., Un H., KELEŞ M. S. , OZGERIS F. B. K. , Toktay E., et al.
GYNECOLOGICAL ENDOCRINOLOGY, vol.32, no.8, pp.675-683, 2016 (Journal Indexed in SCI)
- VIII. **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., HALICI Z., Saritemur M., Atmaca H. T. , KARAMAN A.
BRITISH JOURNAL OF RADIOLOGY, vol.89, no.1058, 2016 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **The effect of alpha-lipoic acid in ovariectomy and inflammation-mediated osteoporosis on the**

skeletal status of rat bone

Polat B., Halıcı Z., Çadircı 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 (Journal Indexed in SCI)

- XIV. **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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **Agomelatine: an antidepressant with new potent hepatoprotective effects on paracetamol-induced liver damage in rats.**
KARAKUS E., Halıcı Z., Albayrak A., Polat B., Bayır Y., Kiki I., Cadircı E., TOPCU A., AKSAK S.
Human & experimental toxicology, vol.32, pp.846-57, 2013 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **Comparative study of three angiotensin II type 1 receptor antagonists in preventing liver fibrosis in diabetic rats: stereology, histopathology, and electron microscopy.**
Sipal S., Halıcı 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 (Journal Indexed in SCI)
- XXI. **The protective effects of metyrosine, lacidipine, clonidine, and moxonidine on kidney damage induced by unilateral ureteral obstruction in rats**
YİÇİTER 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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **Relation between Proepileptic Activity of Indomethacin and Adrenal Gland Hormones.**
Hacimuftuoglu A., SULEYMAN H., Cadircı E., Albayrak A., Polat B., Hakan A., Halıcı Z.
Iranian journal of pharmaceutical research : IJPR, vol.11, pp.939-48, 2012 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **Nigella sativa as a potential therapy for the treatment of lung injury caused by cecal ligation and puncture-induced sepsis model in rats.**
Bayır 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 (Journal Indexed in SCI)

- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **Biochemical and histological investigation of famotidine effect on posts ischemic 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 (Journal Indexed in SCI)
- XXXII. **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 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI)
- XXXV. **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 (Journal Indexed in SCI)
- XXXVI. **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 (Journal Indexed in SCI)
- XXXVII. **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 (Journal Indexed in SCI)
- XXXVIII. **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 (Journal Indexed in SCI)
- XXXIX. **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 (Journal Indexed in SCI)
- XL. **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 (Journal Indexed in SCI)

- XLII. 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 (Journal Indexed in SCI)
- XLIII. 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 (Journal Indexed in SCI)
- XLIV. Role of α -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 (Journal Indexed in SCI)
- XLV. 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., HACİMÜFTÜOĞLU A., ALP H.
Pharmacological Reports, vol.61, no.3, pp.514-519, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. 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 (Other Refereed National Journals)
- II. Sepsis Oluşturmak İçin Kullanılan Deneysel Hayvan Modelleri**
ERKAYMAN B.
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.15, no.2, pp.181-186, 2020 (Other Refereed National Journals)
- III. 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 (Journal Indexed in ESCI)
- IV. Preparation and in vivo evaluation of Eudragit® l100/Eudragit® NM 30D enteric granules containing Diclofanac sodium: Anti-inflammatory and ulcerogenic activity**
Çetin M., Süleyman H., Çadirci E., Demir E. T. , Hacimuftüoğlu A., Polat B.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.7, no.3, pp.237-248, 2010 (Refereed Journals of Other Institutions)
- V. 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 (Other Refereed National Journals)

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. , Bayir 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 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 Nörotoksisiteye 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 Nörotoksisiteye 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, 14 - 17 February 2019
- VII. **Protective effect of an L-type calcium channel blocker, amlodipine, on paracetamol- induced hepatotoxicity in rats**
KAYA H., POLAT B., ALBAYRAK A., MERCANTEPE T., BÜYÜK B.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, 5 - 07 October 2017, pp.162
- VIII. **Protective Effects of Aliskiren, a RAAS İnhibitor, on Ovarian Ischemia/Reperfusion Injury in Rats**
BAYIR Y., ÇADIRCI E., POLAT B., KILIÇ BAYGUTALP N., ALBAYRAK A., ÜN H., KELEŞ M. S. , ÖZGERİŞ KOÇAK F. B. , TOKTAY E., KARACA M., et al.
International Biochemistry Congress – 2017 /28 th National Biochemistry Congress19 – 23 Eylül / September 2017, Ataturk University, Erzurum, 19 - 23 September 2017
- IX. **Vardenafil etkin maddesinin sıçanlarda metabolom analizi.**
ŞENOL O., KADIOĞLU Y., POLAT B., PALABIYIK Ş. S. , YAMAN M. E.
Uluslararası katılımlı XV.Ulusal Spektroskopi Kongresi, Turkey, 17 - 19 May 2017
- X. **Antidepresan İlaçlarda Akılcı İlaç Kullanımı**
POLAT B., TEKİN E.
3. Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- XI. **Gastrointestinal Sistem’de in vivo Çalışmalar: Deneysel Ülser Modelleri**
POLAT B.
Uluslararası 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017
- XII. **Investigation of effects of thymoquinone against indomethacine induced gastric damage in rats**
TURAN C., POLAT B., ALBAYRAK A., DUYSAK L., BAYIR Y.
FEBS CONGRESS, Aydın, Turkey, 7 - 09 September 2016, pp.411
- XIII. **Investigation of effects of thymoquinone against indomethacine induced gastric damage in rats**
TURAN C., POLAT B., ALBAYRAK A., DUYSAK L., BAYIR Y.
FEBS CONGRESS, Aydın, Turkey, 7 - 09 September 2016, pp.411
- 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.
9th INTERNATIONAL CONGRESS OF THE TURKISH SOCIETY OF TOXICOLOGY WITH PARTICIPATION OF THE HELLENIC SOCIETY OF TOXICOLOGY, 21 - 24 October 2015
- XV. **The investigation of the effect of ebselen in CLP cecal ligation and puncture induced sepsis model in**

rats A biochemical study

POLAT B., ÇADIRCI E., BAKRAKTUTAN Z., ALBAYRAK A., AKPINAR E., ARSLAN H.

9th INTERNATIONAL CONGRESS OF THE TURKISH SOCIETY OF TOXICOLOGY WITH PARTICIPATION OF THE HELLENIC SOCIETY OF TOXICOLOGY, 21 - 24 October 2015

- XVI. **Effects Of Boron Nitride And Or Hydroxyapatite Plaques On Bone Healing In Rats With Femoral Fracture**
HALICI Z., ÇADIRCI E., KARAKUŞ E., BAYIR Y., ALBAYRAK A., AYDIN A., POLAT B., AY N.
Osteoporosis International, 26 - 29 March 2015, vol.26, pp.345-380
- XVII. **EFFECTS OF BORON NITRIDE AND/OR HYDROXYAPATITE COMPOUNDS ON BONE DEFECT MODEL OF RATS**
HALICI Z., ERKAYMAN B., Karakus E., BAYIR Y., ALBAYRAK A., AYDIN A., ÇADIRCI E., Ay N.
WCO-IOF-ESCEO World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO), Milan, Italy, 26 - 29 March 2015, vol.26
- XVIII. **EFFECTS OF BORON NITRIDE AND/OR HYDROXYAPATITE PLAQUES ON BONE HEALING IN RATS WITH FEMORAL FRACTURE**
HALICI Z., ÇADIRCI E., Karakus E., BAYIR Y., ALBAYRAK A., AYDIN A., ERKAYMAN B., Ay N.
WCO-IOF-ESCEO World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO), Milan, Italy, 26 - 29 March 2015, vol.26
- XIX. **EFFECTS OF BORON NITRIDE AND OR HYDROXYAPATITE COMPOUNDS ON BONE DEFECT MODEL OF RATS**
HALICI Z., POLAT B., KARAKUŞ E., BAYIR Y., ALBAYRAK A., AYDIN A., ÇADIRCI E., AY N.
WCO-IOF-ESCEO, World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases, 26-29 March 2015, Milan, Italy, 26 - 29 March 2015
- XX. **EFFECTS OF BORON NITRIDE AND OR HYDROXYAPATITE PLAQUES ON BONE HEALING IN RATS WITH FEMORAL FRACTURE**
HALICI Z., ÇADIRCI E., KARAKUŞ E., BAYIR Y., ALBAYRAK A., AYDIN A., POLAT B., AY N.
WCO-IOF-ESCEO, World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases, 26-29 March 2015, Milan, Italy, 26 - 29 March 2015
- XXI. **A New Approach To The Mechanism Of Paracetamol Hepatotoxicity: Liver 5-Ht7 Receptors**
HALICI Z., ÇADIRCI E., Polat B., Karakus E., BAYIR Y., ALBAYRAK A., Unal D.
65th Annual Meeting of the American Association for the Study of Liver Diseases, Massachusetts, United States Of America, 7 - 11 November 2014, vol.60
- XXII. **The Effect Of Alpha Lipoic Acid In Ovariectomy And Inflammation Mediated Osteoporosis On The Skeletal Status Of Rat Bone**
POLAT B., HALICI Z., ÇADIRCI E., ALBAYRAK A., KARAKUŞ E., BAYIR Y., BİLEN H., ŞAHİN A., YÜKSEL T.
European Congress on Osteoporosis and Osteoarthritis (ESCEO-IOF), ROMA, Italy, 17 - 19 April 2013
- XXIII. **Treatment With Carnitine Enhances Bone Fracture Healing Under Osteoporotic Situation**
ALBAYRAK A., HALICI Z., AYDIN A., POLAT B., KARAKUŞ E., YILDIRIM Ö. S., BAYIR Y., ÇADIRCI E., AYAN A. K.
European Congress on Osteoporosis and Osteoarthritis (ESCEO-IOF), ROMA, Italy, 17 April - 20 July 2013
- XXIV. **Adeno Associated Virus Delivery Of Osteoprotegerin Bone Morphogenic Protein 7 And Their Combination Ameliorates Bone Resorption In Ovariectomized Rat**
BAYIR Y., YALVAÇ M., HALICI Z., POLAT B., ŞENGÜL O., AYAN A. K., ÇADIRCI E., ŞAHİN F.
European Congress on Osteoporosis and Osteoarthritis (ESCEO-IOF), ROMA, Italy, 17 - 20 April 2013
- XXV. **ADENO-ASSOCIATED VIRUS DELIVERY OF OSTEOPROTEGERIN, BONE MORPHOGENIC PROTEIN-7 AND THEIR COMBINATION AMELIORATES BONE RESORPTION IN OVARIECTOMIZED RAT**
BAYIR Y., Yalvac M. E., HALICI Z., Polat B., SENGUL O., Ayan A. K., ÇADIRCI E., Sahin F.
European Congress on Osteoporosis and Osteoarthritis (ESCEO-IOF), Rome, Italy, 17 - 20 April 2013, vol.24
- XXVI. **TREATMENT WITH CARNITINE ENHANCES BONE FRACTURE HEALING UNDER OSTEOPOROTIC SITUATION**
ALBAYRAK A., HALICI Z., AYDIN A., Polat B., Karakus E., YILDIRIM Ö. S., BAYIR Y., ÇADIRCI E., AYAN A.
European Congress on Osteoporosis and Osteoarthritis (ESCEO-IOF), Rome, Italy, 17 - 20 April 2013, vol.24

- XXVII. **Determination protective role of application sildenafil in rats with sepsis-induced liver injury**
cerrah s., OKÇU N., albayrak B., ALBAYRAK F., DURSUN H., POLAT B., DEMİRCİ E., BAYIR Y.
Hepatol Int, 5 - 08 May 2010, pp.741
- XXVIII. **H i PE RTANSiYoN LU ooFEREKToM iLi slçANTARDA, AMLoDiPiN VE tAsiDiPiNiN HEPATosiT sAYIsAL YoĞUNLUĞUNA ETKiTERi**
DURSUN H., ALBAYRAK F., UYANIK A., BAYRAM E., KELEŞ O. N. , POLAT B., HALICI Z., SÜLEYMAN H., OKÇU N.
25.UGH, Turkey, 6 - 10 October 2008, pp.179

Supported Projects

- Hancı H., Bayır Y., Yücelik Ş. S. , Erkayman B., Albayrak A., Bilen H., Metin Ö., Sevim M., TUBITAK Project, Sıçanlarda İkinci Derece Yanık İyileşmesinde Borik Asit ve Çinko Borat Katkılı Grafen Hidrojellerin Etkilerinin Araştırılması, 2020 - 2022
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 Gündümlü Araştırma Projesi, 2018 - 2020
KADIOĞLU Y., POLAT B., ÖZBEK H., ATİLA A., SEZEN KARAOĞLAN E., YAMAN M. E. , BAYIR Y., PALABIYIK Ş. S. , BİLGİNER S., Project Supported by Higher Education Institutions, Eczacılık Fakültesi Bilimsel Araştırma Destek Projesi, 2018 - 2019
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 nitrür ve hidroksiapatit'in kemik kırık iyileşmesindeki rolü, 2012 - 2018
ŞENOL O., PALABIYIK Ş. S. , 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
Erkayman B., Akpınar E., Albayrak A., Bayraktutan Z., Çadircı E., TUBITAK Project, Ratlarda Clp (Cecal Ligation And Puncture) İle Oluşturulan Sepsis Modelinde Ebselenin Etkilerinin İncelenmesi, 2014 - 2016
ERKAYMAN B., UĞAN R. A. , Project Supported by Higher Education Institutions, SIÇANLARDA RADYOKONSTRAS MADDE İLE OLUŞTURULAN NEFROTOKSİSİTEDE KARNİTİNİN ROLÜ, 2013 - 2014
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

Scientific Refereeing

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

Edit Congress and Symposium Activities

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

Citations

Total Citations (WOS):783

h-index (WOS):18

Awards

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