

Assoc. Prof. Mustafa Can GÜLER

Personal Information

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Education Information

Doctorate, Ataturk University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey 2011 - 2022

Doctorate, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, Turkey 2014 - 2018

Undergraduate, Ataturk University, Tıp Fakültesi, Turkey 1999 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Sıçanlarda Oluşturulan Deneysel Renal İskemi Reperfüzyon Modeline Costunolide'in Etkileri, Ataturk University, Sağlık Bilimleri Enstitüsü, 2022

Doctorate, Sıçanlara periferal adropin uygulamasının hipotalamik hipofizer adrenal aks üzerine etkisi, Ataturk University, Sağlık Bilimleri Enstitüsü, 2018

Research Areas

Medicine, Medical Pharmacology and Toxicology, Human Physiology

Academic Titles / Tasks

Associate Professor, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2022 - Continues

Assistant Professor, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2019 - 2022

Research Assistant, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2014 - 2019

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Kafkas Üniversitesi, February, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Alleviating sepsis: Revealing the protective role of costunolide in a cecal ligation and puncture rat model**
GÜLER M. C., Tanyel A., Eraslan E., ÇELEBİ Ö., ÇELEBİ D., ÇOMAKLI S., YURDGÜLÜ E. E., BAYIR Y.
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.27, no.5, pp.567-576, 2024 (SCI-Expanded)
- II. **Boron Compound-Based Treatments Against Multidrug-Resistant Bacterial Infections in Lung Cancer In Vitro Model**
ÇELEBİ D., ÇELEBİ Ö., AYDIN E., Başer S., GÜLER M. C., YILDIRIM S., TAGHIZADEHGHALEHJOUGHİ A.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.202, pp.145-160, 2024 (SCI-Expanded)
- III. **The effects of tarantula cubensis extract on renal ischemia reperfusion injury in rats**
ÖZBEK ŞEBİN S., Nacar T., TANYELİ A., ERASLAN E., GÜLER M. C., Toktay E., Polat E., Gedik H. T.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.53, no.2, pp.463-474, 2023 (SCI-Expanded)
- IV. **Costunolide prevents renal ischemia-reperfusion injury in rats by reducing autophagy, apoptosis, inflammation, and DNA damage**
Güler M. C., Akpinar E., Tanyeli A., Çomaklı S., Bayir Y.
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.26, pp.1168-1176, 2023 (SCI-Expanded)
- V. **The protective effects of hesperidin pretreatment on kidney and remote organs against renal ischemia-reperfusion injury**
Karacaer C., Erdogan D. G., TANYELİ A., Baylan H., ERASLAN E., GÜLER M. C., Polat E., ÇOMAKLI S.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.27, no.7, pp.2808-2814, 2023 (SCI-Expanded)
- VI. **Therapeutic effects of apocynin on ovarian ischemia-reperfusion induced lung injury**
TANYELİ A., Erdogan D. G., ÇOMAKLI S., Polat E., GÜLER M. C., ERASLAN E., DOĞANAY S.
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.7, pp.536-545, 2022 (SCI-Expanded)
- VII. **Urapidil alleviates ovarian torsion detorsion injury via regulating oxidative stress, apoptosis, autophagia, and inflammation**
GÜLER M. C., TANYELİ A., Erdogan D. G., ERASLAN E., ÇOMAKLI S., Polat E., DOĞANAY S.
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.24, no.7, pp.935-942, 2021 (SCI-Expanded)
- VIII. **THE POSSIBLE BENEFICIAL EFFECT OF AMPELOPSIN ON INJURIES OF OVARIAN AND LUNG TISSUES GENERATED BY OVARIAN TORSION/DETORSION**
Yilmaz E. P., Tanyeli A., AKDEMİR F. N. E., Gueler M. C., Eraslan E.
JOURNAL OF ANIMAL AND PLANT SCIENCES-JAPS, vol.30, no.6, pp.1366-1373, 2020 (SCI-Expanded)
- IX. **Agomelatine prevents indomethacin-induced gastric ulcer in rats**
Eraslan E., Tanyeli A., Güler M. C., Kurt N., Yetim Z.
PHARMACOLOGICAL REPORTS, vol.72, no.4, pp.984-991, 2020 (SCI-Expanded)
- X. **Higenamine Decreased Oxidative Kidney Damage Induced By Ischemia Reperfusion in Rats**
GÜLER M. C., TANYELİ A., Eraslan E., Ekinci Akdemir F. N., Nacar T., TOPDAĞI Ö.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGİSİ, vol.26, no.3, pp.365-370, 2020 (SCI-Expanded)
- XI. **Preventive effects of fraxin on ischemia/reperfusion-induced acute kidney injury in rats**
Topdağı Ö., Tanyeli A., Akdemir F., Eraslan E., Güler M., Çomaklı S.
LIFE SCIENCES, vol.242, 2020 (SCI-Expanded)
- XII. **Gossypin Protects Against Renal Ischemia-Reperfusion Injury in Rats**
TANYELİ A., Eraslan E., GÜLER M. C., Kurt N., Akaras N.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGİSİ, vol.26, no.1, pp.89-96, 2020 (SCI-Expanded)
- XIII. **Effectiveness of Syringic Acid Aganist Reproductive Organ Damage in Rats**
TANYELİ A., Yilmaz E. P. T., AKDEMİR F. N. E., ERASLAN E., GÜLER M. C.

- ACTA PHYSIOLOGICA, vol.227, pp.118, 2019 (SCI-Expanded)
- XIV. The antiapoptotic and antioxidant effects of eugenol against cisplatin-induced testicular damage in the experimental model
Akdemir F. N. E., Yıldırım S., Kandemir F. M., Aksu E. H., Guler M. C., Kızıltunç Özmen H., Küçükler S., Eser G.
ANDROLOGIA, vol.51, no.9, 2019 (SCI-Expanded)
- XV. Effectiveness of Syringic Acid against reproductive Organ Damage in rats
Tanyeli A., Topdağı Yılmaz E. P., Ekinci Akdemir F. N., Eraslan E., Güler M. C.
Acta Physiologica, vol.1, pp.1, 2019 (SCI-Expanded)
- XVI. The therapeutic efficacy of gentisic acid in torsion-detorsion model of the ovarian tissue in rats
TANYELİ A., TOPDAĞI YILMAZ E. P., EKİNÇİ AKDEMİR F. N., ERASLAN E., GÜLER M. C.
ACTA PHYSIOLOGICA, vol.1, pp.1, 2019 (SCI-Expanded)
- XVII. Anti-oxidant and anti-inflamatuar effectiveness of caftaric acid on gastric ulcer induced by indomethacin in rats
TANYELİ A., AKDEMİR F. N. E., Eraslan E., GÜLER M. C., NACAR T.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.38, no.2, pp.175-181, 2019 (SCI-Expanded)
- XVIII. Evodiamine Against Intestinal Tissue Damage Induced by Mesenteric Ischemia-Reperfusion
GÜLER M. C., TANYELİ A., AKDEMİR F. N. E., Eraslan E., GÜLER M. C., TOPDAĞI Ö.
ACTA PHYSIOLOGICA, vol.225, pp.55, 2018 (SCI-Expanded)
- XIX. Can ADRP Hormone be a New Marker in Breast Cancer?
TOPDAĞI Ö., Eraslan E., TANYELİ A., GÜLER M. C., Sebin E., ÖZBEK ŞEBİN S., POLAT E.
ACTA PHYSIOLOGICA, vol.225, pp.34, 2018 (SCI-Expanded)
- XX. The Effects of Agomelatine on Indomethacin-Induced Gastric Injury in Rats
TANYELİ A., Eraslan E., GÜLER M. C., KURT N., Yetim Z.
ACTA PHYSIOLOGICA, vol.225, pp.48, 2018 (SCI-Expanded)
- XXI. Protective Effect of Casticin Against Ovary Ischemia-Reperfusion Damage
TANYELİ A., AKDEMİR F. N. E., Eraslan E., GÜLER M. C., TOPDAĞI Ö.
ACTA PHYSIOLOGICA, vol.225, pp.51, 2018 (SCI-Expanded)
- XXII. The Effects of the Adropin Hormone on Orexigenic and Anorexigenic Neurons
ERASLAN E., TANYELİ A., GÜLER M. C., NACAR T., BAL TAŞTAN T.
ACTA PHYSIOLOGICA, vol.221, pp.111, 2017 (SCI-Expanded)
- XXIII. The Effects of Gossypin on Renal Ischemia/Reperfusion Injury in Rats: Histopathologic Study
TANYELİ A., ERASLAN E., GÜLER M. C., AKARAS N.
ACTA PHYSIOLOGICA, vol.221, pp.94, 2017 (SCI-Expanded)
- XXIV. Investigation of the Effect of Nifedipine on Kidney Carbonic Anhydrase Enzyme of Ischemia/ Reperfusion Injured Rat
ERASLAN E., GÜLER M. C., TANYELİ A., ŞENTÜRK M.
ACTA PHYSIOLOGICA, vol.221, pp.92-93, 2017 (SCI-Expanded)
- XXV. Investigation of The Effect of Ziziphus Jujuba Extract on Ethanol-Applied Rat Carbonic Anhydrase Enzyme
GÜLER M. C., ERASLAN E., TANYELİ A., Senturk M., BOZHÜYÜK M. R.
ACTA PHYSIOLOGICA, vol.221, pp.55, 2017 (SCI-Expanded)
- XXVI. Effect of Adropin on the Penicilline-induced Epileptiform Activity
NACAR T., DOĞRU Y. Z., TANYELİ A., ERASLAN E., GÜLER M. C.
ACTA PHYSIOLOGICA, vol.221, pp.84-85, 2017 (SCI-Expanded)
- XXVII. Determination of Glutathione Reductase Enzyme Activity in Liver of Ischemia/ Reperfusion Damaged Rats
GÜLER M. C., ERASLAN E., TANYELİ A., ŞENTÜRK M.
ACTA PHYSIOLOGICA, vol.221, pp.91, 2017 (SCI-Expanded)
- XXVIII. The Effects of Tarantula Cubensis Extract on Renal Ischemia/Reperfusion Injury in Rats
ÖZBEK ŞEBİN S., NACAR T., TANYELİ A., ERASLAN E., GÜLER M. C., TOKTAY E., POLAT E.
ACTA PHYSIOLOGICA, vol.221, pp.93, 2017 (SCI-Expanded)

- XXIX. **Antioxidant Effects of Persimmon (*Diospyros Kaki L.*) Against Ethanol-induced Gastric Ulcer in Rats**
 TANYELİ A., GÜLER M. C., ERASLAN E., BOZHÜYÜK M. R., KURT N.
ACTA PHYSIOLOGICA, vol.221, pp.90, 2017 (SCI-Expanded)
- XXX. **The Effects of Adropin Application on the Hormones Having a Role in the Reproduction Function**
 GÜLER M. C., ERASLAN E., TANYELİ A., POLAT E., BAL T., KURT N.
Acta Physiologica, 2016 (SCI-Expanded)
- XXXI. **The Effects on the Thyroid Hormones of the Application of Peripheral-Adropin in Rats**
 NACAR T., TANYELİ A., ERASLAN E., GÜLER M. C., POLAT E., POLAT E.
Acta Physiologica, 2016 (SCI-Expanded)
- XXXII. **The Effects of Nifedipine in Liver Injury Induced by Renal Ischemia-Reperfusion**
 GÜLER M. C., TANYELİ A., ERASLAN E., POLAT E., POLAT E., KURT N.
Acta Physiologica, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of the presence of the virus in the urine and fecal samples of COVID-19 diagnosed and suspected patients by RT-PCR method: A different perspective on fecal-oral transmission theory**
 BALKAN BOZLAK Ç. E., ünlü gül b., coşgun y., yıldız b., YILMAZ A., VATANSEVER Z., ÖZDEN Ö., ŞÜKÜN A., TUNA A., ÇALIŞKAN O., et al.
Medicine Science, vol.13, no.1, pp.67-73, 2024 (Peer-Reviewed Journal)
- II. **A Newly Defined Electromagnetic Dural Armor Functioned as a Brain Protecting CerebrospHERE: A Preliminary Theoretical Analysis**
 AYDIN M. D., GÜLER M. C., ŞAHİN M. H., ÇELİK E. C., KELEŞ O. N.
New Trends in Medicine Sciences, vol.5, no.1, pp.14-20, 2024 (Peer-Reviewed Journal)
- III. **Klebsiella pneumoniae Infection in Alveolar Type II Epithelial Cells; Antibiotic-Vitamin Combination Therapeutic Effect**
 ÇELEBİ Ö., ÇELEBİ D., Başer S., YILDIRIM S., GÜLER M. C., TAGHIZADEHGHALEHJOUGHİ A.
Genel Tıp Dergisi, vol.33, no.5, pp.503-508, 2023 (Peer-Reviewed Journal)
- IV. **Gastroprotective Effects of Jujuba (*Ziziphus jujuba*) Fruit Extract Against the Ethanol-Related Gastric Ulcer in Rats**
 TANYELİ A., GÜLER M. C., ERASLAN E., BOZHÜYÜK M. R., EKİNCİ AKDEMİR F. N., TOKTAY E., KURT N., ÖZKAN G., ÇAPANOĞLU GÜVEN E.
JOURNAL OF CONTEMPORARY MEDICINE, vol.13, no.6, pp.1046-1052, 2023 (Peer-Reviewed Journal)
- V. **The Effect of Rosmarinic Acid Against Ovarian and Lung Injuries Induced by Ovarian Torsion Detorsion in Rats**
 TANYELİ A., EKİNCİ AKDEMİR F. N., GÜZEL ERDOĞAN D., Erdoğan K., ERASLAN E., Bilgin G., GÜLER M. C.
Pediatric Practice and Research Journal, vol.11, no.2, pp.47-52, 2023 (Peer-Reviewed Journal)
- VI. **Reno-Protective Effects of Brusatol Against Renal Ischemia Reperfusion Injury**
 EKİNCİ AKDEMİR F. N., TANYELİ A., ERASLAN E., GÜLER M. C., TOPDAĞI Ö., NACAR T.
Akdeniz Tip Dergisi, vol.9, no.2, pp.136-141, 2023 (Peer-Reviewed Journal)
- VII. **Evaluation of the Effect of the Combination of Boron Compounds on Chronic Liver Disease**
 ÇELEBİ Ö., ÇELEBİ D., TAGHIZADEHGHALEHJOUGHİ A., Başer S., GÜLER M. C., YILDIRIM S.
JOURNAL OF CONTEMPORARY MEDICINE, vol.13, no.2, pp.163-169, 2023 (Peer-Reviewed Journal)
- VIII. **The Antibacterial Effect of Boron Compounds and Evaluation of the Effects on Biofilm Formation in the Infection Model of Klebsiella pneumoniae on the HepG2 Cell Line**
 ÇELEBİ Ö., ÇELEBİ D., TAGHIZADEHGHALEHJOUGHİ A., başer s., GÜLER M. C., YILDIRIM S.
JOURNAL OF CONTEMPORARY MEDICINE, vol.13, no.1, pp.12-18, 2023 (Peer-Reviewed Journal)
- IX. **Toward to Explain of Working Principles of Blood-Brain Barriers Like X-Ray Devices: A Neurophysical Hypothesis**
 Aydin M. D., Güler M. C., Atalay C., Keleş O. N.

- JOURNAL OF CONTEMPORARY MEDICINE, vol.13, no.1, pp.42-46, 2023 (Peer-Reviewed Journal)
- X. Determination of antibacterial activity of St. Johns Wort (*Hypericum perforatum L.*) oil, Nigella sativa oil, Clove (*Eugenia caryophyllata*) oil, Orange Peel (*Citrus sinensis*) and Garlic (*Allium sativa*) oil against microorganisms isolated from clinical samples
ÇELEBİ Ö., Başer S., GÜLER M. C., ÇELEBİ D., ÇELEBİ S.
New Trends in Medicine Sciences, vol.4, no.1, pp.19-26, 2023 (Peer-Reviewed Journal)
- XI. An Overview of Ischemia-Reperfusion Injury: Review on Oxidative Stress and Inflammatory Response
GÜLER M. C., TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., ÖZBEK ŞEBİN S., GÜZEL ERDOĞAN D., NACAR T.
EURASIAN JOURNAL OF MEDICINE, vol.54, 2022 (ESCI)
- XII. The Role of p-Coumaric Acid on Reproductive and Remote Organ Damages Created by Adnexal Torsion/Detorsion: Biochemical and Immunohistochemical A Study
TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., NACAR T., ÇOMAKLI S., GÜLÇİN İ.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.12, no.4, pp.1005-1012, 2022 (ESCI)
- XIII. Cecal Ligation and Puncture-Induced Sepsis Model in Rats
Güler M. C., Tanyeli A., Eraslan E., Çomaklı S., Bayır Y.
Laboratuvar Hayvanları Bilimi ve Uygulamaları Dergisi, vol.2, no.2, pp.81-89, 2022 (Peer-Reviewed Journal)
- XIV. Beneficial Effects of Urapidil Against Renal Ischemia Reperfusion-Related Renal Injury
GÜZEL ERDOĞAN D., TANYELİ A., GÜLER M. C., ERASLAN E., ÇOMAKLI S., DOĞANAY S.
Southern Clinics of Istanbul Eurasia, vol.33, no.2, pp.198-202, 2022 (Peer-Reviewed Journal)
- XV. Gastroprotective Effects of Fraxin with Antioxidant Activity on the Ethanol Induced Gastric Ulcer
GÜLER M. C., EKİNCİ AKDEMİR F. N., TANYELİ A., ERASLAN E., BAYIR Y.
Southern Clinics of Istanbul Eurasia, vol.33, no.1, pp.21-26, 2022 (Peer-Reviewed Journal)
- XVI. The possible useful effectiveness of sinapic acid in secondary organ damage sepsis-induced in rats
TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., ÖZBEK ŞEBİN S., ÇOMAKLI S., GÜLÇİN İ.
Clinical and Experimental Health Sciences, vol.12, no.1, pp.134-140, 2022 (ESCI)
- XVII. Hesperidin Alleviates Cecal Ligation and Puncture-Induced Lung and Kidney Injuries
GÜZEL ERDOĞAN D., TANYELİ A., EKİNCİ AKDEMİR F. N., GÜLER M. C., ERASLAN E., ÇOMAKLI S., POLAT E.
Akdeniz Medical Journal, vol.8, no.1, pp.1-8, 2022 (Peer-Reviewed Journal)
- XVIII. SCM-198 Can Regulate Autophagy Through the Bax/Bcl-2/TLR4 Pathway to Alleviate Renal Ischemia-Reperfusion Injury
ERASLAN E., BİRCAN B., TANYELİ A., GÜLER M. C., BAYIR Y., ALTUN S.
EUROBIOTECH JOURNAL, vol.5, no.4, pp.161-169, 2021 (ESCI)
- XIX. Casticin Mitigates Renal Damage Injured by Ischemia Reperfusion: A Biochemical Study
TOPDAĞI Ö., TANYELİ A., EKİNCİ AKDEMİR F. N., GÜZEL ERDOĞAN D., ERASLAN E., GÜLER M. C., POLAT E.
International Journal of Academic Medicine and Pharmacy, vol.3, no.2, pp.245-248, 2021 (Peer-Reviewed Journal)
- XX. Brusatol Over İskemi Reperfüzyonu ile İndüklenmiş Over Dokusu Oksidatif Yaralanmasını Azaltır
EKİNCİ AKDEMİR F. N., TANYELİ A., GÜLER M. C., ERASLAN E., TOPDAĞI YILMAZ E. P., TOPDAĞI Y. E.
Akdeniz Medical Journal, vol.7, no.2, pp.206-211, 2021 (Peer-Reviewed Journal)
- XXI. Urapidil Çekal Ligasyon ve Delme ile İndüklenen Akciğer ve Böbrek Hasarını Hafifletir
GÜZEL ERDOĞAN D., TANYELİ A., DOĞANAY S., GÜLER M. C., ERASLAN E.
Sakarya Medical Journal, vol.11, no.1, pp.142-147, 2021 (Peer-Reviewed Journal)
- XXII. Persimmon (*Diospyros Kaki L.*) Alleviates Ethanol-Induced Gastric Ulcer in Rats
GÜLER M. C., TANYELİ A., ERASLAN E., BOZHÜYÜK M. R., EKİNCİ AKDEMİR F. N., TOKTAY E., KURT N., ÇAPANOĞLU GÜVEN E., ÖZKAN G.
Southern Clinics of Istanbul Eurasia, vol.32, no.1, pp.1-7, 2021 (Peer-Reviewed Journal)
- XXIII. Antioxidant Activity of Apocynin against Intestinal Ischemia-Reperfusion Induced Oxidative Damage in Lung and Intestinal Tissues
GÜZEL ERDOĞAN D., TANYELİ A., ERASLAN E., GÜLER M. C.
International of Academic Medicine and Pharmacy, vol.3, no.1, pp.52-57, 2021 (Peer-Reviewed Journal)
- XXIV. Gastroprotective Effects of Pear (*Pyrus Communis L.*) Extract on Ethanol Induced Gastric Ulcer in

Rats

ERASLAN E., TANYELİ A., BOZHÜYÜK M. R., GÜLER M. C., TOKTAY E., KURT N., ÖZKAN G., ÇAPANOĞLU GÜVEN E.
International Journal of Academic Medicine and Pharmacy, vol.3, no.1, pp.1-6, 2021 (Peer-Reviewed Journal)

- XXV. **Hesperidin Attenuates Oxidative Ovarian Damage Induced by IschemiaReperfusion: An Antioxidant, Antiautophagic and Antiapoptotic Agent**

EKİNCİ AKDEMİR F. N., TANYELİ A., GÜZEL ERDOĞAN D., GÜLER M. C., ERASLAN E., ÇOMAKLI S.

International of Academic Medicine and Pharmacy, vol.3, no.1, pp.22-28, 2021 (Peer-Reviewed Journal)

- XXVI. **Myricetin Decreases Ovarian and Lung Tissue Injuries Induced by Ovarian Torsion-Detorsion: A Biochemical Study**

TOPDAĞI Y. E., TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C.

Southern Clinics of Istanbul Eurasia, vol.32, no.1, pp.25-29, 2021 (Peer-Reviewed Journal)

- XXVII. **The Effects of Myricetin Against Testicular and Lung Injury Induced by Testicular Ischemia Reperfusion Model**

Öztürk D., Tanyeli A., Güzel Erdogan D., Güler M. C., Eraslan E., Baylan H.

Sakarya Medical Journal, vol.11, no.1, 2021 (Peer-Reviewed Journal)

- XXVIII. **The Effects of Ellagic Acid on Cecal Ligation and Puncture-Induced Lung Injury**

ERASLAN E., GÜZEL ERDOĞAN D., DOĞANAY S., GÜLER M. C., TANYELİ A., ÇOMAKLI S.

Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.15, no.3, pp.223-230, 2020 (Scopus)

- XXIX. **Renoprotective effects of ellagic acid on renal ischemiareperfusion-induced**

TANYELİ A., GÜZEL ERDOĞAN D., DOĞANAY S., ERASLAN E., GÜLER M. C., ÇOMAKLI S.

International Medicine, vol.2, no.5, pp.273-278, 2020 (Peer-Reviewed Journal)

- XXX. **Nrf2 inhibitor brusatol ameliorates cecal ligation and puncture-induced lung injury in rats via anti-inflammation and anti-oxidative stress**

ERASLAN E., TANYELİ A., GÜLER M. C., EKİNCİ AKDEMİR F. N., NACAR T., TOPDAĞI Ö., POLAT E.

Türk Hijyen ve Deneysel Biyoloji Dergisi, vol.77, no.4, pp.467-476, 2020 (Scopus)

- XXXI. **Reno-Protective Effects of 6-Shogaol on Kidney Tissue in Cecal Ligation and Puncture-Induced Polymicrobial Sepsis Rat Model**

ERASLAN E., TANYELİ A., EKİNCİ AKDEMİR F. N., GÜLER M. C.

Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.15, no.3, pp.244-250, 2020 (Scopus)

- XXXII. **Investigation of the Effects of Maresin-1 on Testicular Ischemia Reperfusion Induced Oxidative Stress**

TANYELİ A., ERASLAN E., GÜLER M. C., EKİNCİ AKDEMİR F. N., GÜZEL ERDOĞAN D., TOPDAĞI Ö., polat e.

Southern Clinics of Istanbul Eurasia, vol.31, no.3, pp.187-191, 2020 (Peer-Reviewed Journal)

- XXXIII. **The therapeutic effect of naringin on ovarian and lungdamages created by adnexal torsion/detorsion:A biochemical study**

TOPDAĞI YILMAZ E. P., TANYELİ A., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C., TOPDAĞI Y. E.

Annals of Medical Research, vol.27, no.9, pp.2438-2442, 2020 (Peer-Reviewed Journal)

- XXXIV. **The Role of Chlorogenic Acid in Alleviating Intestinal Ischemia/Reperfusion-Induced Lung Injury**

TANYELİ A., GÜZEL ERDOĞAN D., EKİNCİ AKDEMİR F. N., ERASLAN E., GÜLER M. C.

New Trends in Medicine Sciences, vol.1, no.2, pp.59-64, 2020 (Peer-Reviewed Journal)

- XXXV. **Protective Effects of Apocynin on Cecal Ligation and Puncture-Induced Lung and Renal Injuries**

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