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Education Information

Doctorate, Erzincan Binali Yıldırım University, Sağlık Bilimleri Enstitüsü, Tıbbi Farmakoloji, Turkey 2019 - 2023

Postgraduate, Ataturk University, Sağlık Bilimleri Enstitüsü Tıp Fakültesi , Tıbbi Farmakoloji, Turkey 2011 - 2013

Undergraduate, Ataturk University, Sağlık Bilimleri Fakültesi, Hemşirelik, Turkey 2007 - 2011

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Vocational Course, Deney Hayvanları Kullanım Sertifikası, Erzincan Binali Yıldırım University HADYEK, 2022

Personal Evolution, Eğiticilerin Eğitimi Sertifikası, Erzincan Binali Yıldırım Üniversitesi / SEM, 2021

Dissertations

Doctorate, Dose Dependent Pulmonotoxic Effects of Favıpiravir in Rats Biochemical and Histopathological Evaluation , Erzincan Binali Yıldırım University, Sağlık Bilimleri Enstitüsü, 2023

Postgraduate, Nimesulidin sıçan böbrek dokusunda iskemi-reperfüzyonla oluşturulan oksidatif hasara etkisi The effect of nimesulide on oxidative damage inflicted by ischemia-reperfusion on the rat renal tissue, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü , Tıp Fakültesi/Tıbbi Farmakoloji, 2013

Research Areas

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

Academic Titles / Tasks

Assistant Professor, Erzincan Binali Yildirim University, Sağlık Bilimleri Fakültesi, Hemşirelik Bölümü, 2023 - Continues
Lecturer, Erzincan Binali Yildirim University, Sağlık Bilimleri Fakültesi, Hemşirelik Bölümü, 2018 - 2023
Lecturer, Erzincan Binali Yildirim University, Sağlık Bilimleri Fakültesi, Hemşirelik Bölümü, 2016 - 2018
Lecturer, Recep Tayyip Erdogan University, Sağlık Bilimleri Fakültesi, 2013 - 2015

Academic and Administrative Experience

Deputy Head of Department, Erzincan Binali Yildirim University, 2024 - Continues

Courses

Kariyer yönetimi, Undergraduate, 2021 - 2022
Farmakoloji, Undergraduate, 2021 - 2022
Hemşirelikte Öğretim, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of sertraline and vortioxetine on stress-induced brain injury in rats. Biochemical and histopathological evaluations**
Akyüz Çim E. F., Süleyman Z., Süleyman H., Yazıcı G. N., Çoban T. A.
CLINICAL NEUROPHARMACOLOGY, vol.47, no.6, pp.213-217, 2024 (SCI-Expanded)
- II. **The hormonal mechanism of the effects of meperidine, sertraline, tianeptine, and their combinations on reproductive functions in female rats.**
Yılmaz B. K., Suleyman Z., Suleyman B., Mammadov R., Bulut S., Altuner D., Alptekin O., Coban T. A., Suleyman H.
Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, vol.178, pp.117160, 2024 (SCI-Expanded)
- III. **Adverse effects of metamizole on heart, lung, liver, kidney, and stomach in rats**
Çiftel S., Süleyman B., Mammadov R., Çoşkun R., Çoban T. A., Mokhtare B., Süleyman H., Cerrah S., Çiçek B., Süleyman Z.
BMC PHARMACOLOGY & TOXICOLOGY, vol.25, pp.55-56, 2024 (SCI-Expanded)
- IV. **Effect of Rutin on Pulmonary Injury in Everolimus-Administered Rats Biochemical and Histopathological Evaluation**
Demir Ö. F., Süleyman Z., Süleyman H., Çoban T. A., Mokhtare B.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.20, no.6, pp.1000-1007, 2024 (SCI-Expanded)
- V. **Effect of thiamine pyrophosphate on oxidative damage in the brain and heart of rats with experimentally induced occlusion of the common carotid artery.**
Emir İ., Süleyman Z., Süleyman H.
INVESTIGACION CLINICA, vol.65, no.2, pp.220-229, 2024 (SCI-Expanded)
- VI. **The Effect of Carvacrol on 5-Fluorouracil-Induced Optic Neuropathy in Rats. Histopathological and Biochemical Analysis**
Çiçek İ., Süleyman Z., Altuner D., Mammadov R., Çoban T. A., Gülaboğlu M., Yazıcı G. N., Bayrakçeken K., Süleyman H.
Latin American Journal of Pharmacy, vol.42, no.11, pp.2223-2230, 2023 (SCI-Expanded)
- VII. **The role of Hippophae rhamnoides L. on 5-fluorouracil-induced oral mucositis in rats.**
Dilber M., SÜLEYMAN B., MAMMADOV R., SÜLEYMAN Z., Yavuzer B., GÜLABOĞLU M., ERHAN E., SALCAN İ., SÜLEYMAN H.
Pakistan journal of pharmaceutical sciences, vol.36, no.5, pp.1443-1449, 2023 (SCI-Expanded)
- VIII. **Effect of Lercanidipine, Carvacrol and Their Combination on Ischemia and Reperfusion-induced Distant Organ (Heart) Damage in Rats**
Emir İ., Altuner D., Süleyman B., Mammadov R., Süleyman Z., Çoşkun R., Çoban T. A., Süleyman H.

INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.19, no.3, pp.391-400, 2023 (SCI-Expanded)

- IX. **Favipiravir-induced inflammatory and hydropic degenerative liver injury in rats**
Bilici S., Altuner D., Süleyman Z., Bulut S., Sarıgül C., Gülaboğlu M., Altındağ F., Özçiçek A., Gursul C., Süleyman H.
ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.32, no.2, 2023 (SCI-Expanded)
- X. **The effect of carvacrol on the proinflammatory cytokines, histology, and fertility outcome of cisplatin-related ovarian change in a rat model.**
DİNÇ K., Ozyurt R., ÇOBAN T. A., YAZICI G. N., SÜLEYMAN Z., Yavuzer B., SÜLEYMAN H.
Taiwanese journal of obstetrics & gynecology, vol.62, no.2, pp.256-263, 2023 (SCI-Expanded)
- XI. **The effects of sugammadex on gastric ischemia-reperfusion injury in rats: Biochemical and histopathological evaluation.**
Koç A., Kuyruklyıldız U., Gazi M., Caner Sayar A., Altuner D., Süleyman H., Yavuzer B., Abdulkadir Çoban T., Süleyman Z., Naz Yazici G.
General physiology and biophysics, vol.42, no.1, pp.67-75, 2023 (SCI-Expanded)
- XII. **Effect of Thiamine Pyrophosphate upon Possible Metamizole-Induced Liver Injury in Rats**
Bedir Z., Özkaloğlu Erdem K. T., Can A., Çiçek B., Gülaboğlu M., Süleyman Z., Gursul C., Mokhtare B., Özçiçek F., Süleyman H.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.19, no.1, pp.139-146, 2023 (SCI-Expanded)
- XIII. **Stress-associated ovarian damage, infertility, and delay in achieving pregnancy and treatment options Daño ovárico, infertilidad y retraso en la concepción relacionados con el estrés y opciones de tratamiento**
Aynaoglu Yildiz G., YAPÇA Ö. E., Dinc K., GÜRSUL C., GÜNDOĞDU B., AKTAŞ M., SÜLEYMAN Z., Bulut S., SÜLEYMAN H.
Investigacion Clinica (Venezuela), vol.64, no.4, pp.513-523, 2023 (SCI-Expanded)
- XIV. **Effect of adenosine triphosphate on ribociclib-induced skin toxicity in rats.**
Akbaş N., Akbaş E. M., Süleyman Z., Çiçek B., Ağgül A. G., Mokhtare B., Süleyman H.
Cutaneous and ocular toxicology, vol.42, no.1, pp.32-37, 2023 (SCI-Expanded)
- XV. **The Effect of Adenosine Triphosphate, Benidipine, Sugammadex, and their Combinations upon Cardiac Damage after Temporary Clamping of the Abdominal Aorta in Rats**
EMİR İ., ALTUNER D., GÜLABOĞLU M., ÇOBAN T. A., SÜLEYMAN B., MAMMADOV R., ÖZKARACA M., SÜLEYMAN Z., ÖLMEZTÜRK KARAKURT T. C., SÜLEYMAN H.
ACTA FARMACEUTICA BONAERENSE, vol.41, no.8, pp.1656-1665, 2022 (SCI-Expanded)
- XVI. **Molecular Mechanism and Pathogenesis-Oriented Treatment of Antipsychotic Drug-Induced Infertility in Female Rats**
Ozyurt R., Süleyman H., Dinç K., Yıldız S., Çoban T. A., Bulut S., Süleyman Z., Altuner D., Keskin D. D., Keskin S., et al.
ACTA FARMACEUTICA BONAERENSE, vol.41, no.10, pp.2027-2033, 2022 (SCI-Expanded)
- XVII. **Fertility protective effect of taxifolin in cisplatin-induced ovarian damage**
Ozyurt R., Celik N., Süleyman Z., Cagiran F., Kılıç Z., Gurkan N., Altındağ F., Bulut S., Sarıgül C., Dinç K., et al.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.26, pp.7195-7203, 2022 (SCI-Expanded)
- XVIII. **The Effect of Thiamine Pyrophosphate and Tocilizumab Alone and in Combination upon Ethanol-Induced Peripheral Neuropathy and Neuropathic Pain in Rats**
Ekinci B., Süleyman B., Mammadov R., Çankaya M., Yazıcı G. N., Süleyman Z., Dal Ç. N., Ergül E. E., Onk D., Süleyman H.
ACTA FARMACEUTICA BONAERENSE, vol.41, pp.1618-1625, 2022 (SCI-Expanded)
- XIX. **Effect of Thymoquinone on Everolimus-Induced Oral Toxicity in Rats. A Macroscopic and Biochemical Evaluation**
Dilber M., Salcan İ., Süleyman B., Mammadov R., Altuner D., Ağgül A. G., Esen M., Bulut S., Süleyman Z., Yavuzer B., et al.
ACTA FARMACEUTICA BONAERENSE, vol.41, pp.1711-1717, 2022 (SCI-Expanded)
- XX. **Effects of ketamine, thiopental and their combination on the rat liver: A biochemical evaluation.**
Bedir Z., Erdem K. T. O., Ates I., Karakurt T. C. O., Gursul C., Onk D., Kurt N., Süleyman Z., Süleyman H.
Advances in clinical and experimental medicine : official organ Wroclaw Medical University, vol.31, no.3, pp.285-292, 2022 (SCI-Expanded)

- XXI. **Effect of thiamine pyrophosphate on cyclophosphamide-induced oxidative ovarian damage and reproductive dysfunction in female rats**
Özer M., İnce S., Gündoğdu B., Aktaş M., Uzel K., Gürsul C., Süleyman H., Süleyman Z.
Advances In Clinical And Experimental Medicine, vol.31, pp.1-9, 2022 (SCI-Expanded)
- XXII. **The effect of taxifolin on experimental testicular ischaemia reperfusion injury in rats. A biochemical and histopathological analysis.**
Bedir F., Kocaturk H., Ozgeris F. B., Yazici G. N., Suleyman Z., Suleyman H.
Revista internacional de andrologia, vol.20, no.1, pp.17-23, 2022 (SCI-Expanded)
- XXIII. **Effect of Rhodiola rosea Root Extract on Stress-Induced Gastric Ulcer in Rats**
IŞIK B., ALTUNER D., ÖZÇİÇEK F., EZMECİ T., AĞGÜL A. G., SÜLEYMAN B., BULUT S., SÜLEYMAN Z., YAVUZER B., SÜLEYMAN H.
Latin American Journal of Pharmacy, vol.41, no.9, pp.1743-1750, 2022 (SCI-Expanded)
- XXIV. **Effect of Thymoquinone on Everolimus-Induced Oral Toxicity in Rats. A Macroscopic and Biochemical Evaluation**
Dilber M., SALCAN İ., SÜLEYMAN B., MAMMADOV R., ALTUNER D., Aggul A. G., Esen M., BULUT S., SÜLEYMAN Z., YAVUZER B., et al.
Latin American Journal of Pharmacy, vol.41, no.9, pp.1711-1717, 2022 (SCI-Expanded)
- XXV. **Otoprotective Effect of Nimesulide: Biochemical and Histopathologic Evaluation**
Kuduban O., Süleyman Z., Gülaboğlu M., Yazıcı G. N., Süleyman H.
International Journal of Pharmacology, vol.18, no.1, pp.44-52, 2022 (SCI-Expanded)
- XXVI. **Effect of taxifolin on methotrexate-induced oxidative and inflammatory oral mucositis in rats: biochemical and histopathological evaluation**
BAYRAMOĞLU Z., Mokhtare B., Mendil A. S., ÇOBAN T. A., MAMMADOV R., Bulut S., SÜLEYMAN Z., SÜLEYMAN H.
Journal of Applied Oral Science, vol.30, 2022 (SCI-Expanded)
- XXVII. **Effect of tocilizumab on ischemia-reperfusion-induced oxido-inflammatory renal damage and dysfunction in rats**
Erdem K. T. O., Bedir Z., Kuyruklyildiz U., Tas H. G., Suleyman Z., Bulut S., Mendil A. S., Sarigul C., Unver E., Suleyman H.
Experimental Animals, vol.71, no.4, pp.491-499, 2022 (SCI-Expanded)
- XXVIII. **Molecular Mechanism and Pathogenesis-Oriented Treatment of Antipsychotic Drug-Induced Infertility in Female Rats**
Ozyurt R., SÜLEYMAN H., Dinc K., Yildiz S., ÇOBAN T. A., BULUT S., SÜLEYMAN Z., ALTUNER D., Keskin D. D., Keskin S., et al.
Latin American Journal of Pharmacy, vol.41, no.10, pp.2027-2033, 2022 (SCI-Expanded)
- XXIX. **Fertility protective effect of taxifolin in cisplatin-induced ovarian damage**
Ozyurt R., Celik N., SÜLEYMAN Z., Cagiran F., Kali Z., Gurkan N., Altındağ F., BULUT S., Sarigul C., Dinc K., et al.
European Review for Medical and Pharmacological Sciences, vol.26, no.19, pp.7195-7203, 2022 (SCI-Expanded)
- XXX. **The Effect of Adenosine Triphosphate on Oral Mucosity in Rats due to Sunitinib Administration**
Dilber M., Salcan İ., Bayram R., Süleyman E., Yıldırım U., Sönmez F., Bakan E., Çoban T. A., Süleyman Z., Süleyman H.
ACTA FARMACEUTICA BONAERENSE, vol.40, no.10, pp.2330-2336, 2021 (SCI-Expanded)
- XXXI. **Biochemical and Histopathological Evaluation of Sunitinib Effect on Ovarian Injuries by Ischemia-Reperfusion in Rats**
İnce S., Özer M., Göktuğ Kadioğlu B., Kuzucu M., Gündoğdu B., Gürsul C., Süleyman Z., Süleyman H.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.17, no.2, pp.65-72, 2021 (SCI-Expanded)
- XXXII. **The effect of adenosine triphosphate on propofol-induced myopathy in rats: a biochemical and histopathological evaluation**
Erdem K. T. O., Bedir Z., ATEŞ İ., KUYRUKLUYILDIZ U., ÇOBAN T. A., YAZICI G. N., ARSLAN Y. K., SÜLEYMAN Z., SÜLEYMAN H.
KOREAN JOURNAL OF PHYSIOLOGY & PHARMACOLOGY, vol.25, no.1, pp.69-77, 2021 (SCI-Expanded)
- XXXIII. **The effect of rhodiola rosea root extract on stress-induced ovarian damage, infertility and reproductive disorders in female rats**

- Kadioglu B., GÜNDOĞDU B., KURT N., ÖZBEK BİLGİN A., SÜLEYMAN H., SÜLEYMAN Z.
Clinical and Experimental Obstetrics and Gynecology, vol.47, no.4, pp.530-536, 2020 (SCI-Expanded)
- XXXIV. **Effect of Desloratadine on Oxidative and Inflammatory Ovarian Ischemia-Reperfusion Injury in Female Rats: Biochemical and Histopathological Evaluation**
Kadioglu B. G., Gündoğdu B., Kurt N., Süleyman H., Süleyman Z.
Analytical And Quantitative Cytology And Histology, vol.42, no.2, pp.61-68, 2020 (SCI-Expanded)
- XXXV. **The effect of desloratadine on ischemia reperfusion induced oxidative and inflammatory renal injury in rats**
Kocaturk H., Bedir F., Altay M. S., BAKAN E., SÜLEYMAN B., YAZICI G. N., SUNAR M., SÜLEYMAN Z., SÜLEYMAN H.
RENAL FAILURE, vol.42, no.1, pp.531-538, 2020 (SCI-Expanded)
- XXXVI. **Effect of rutin on oxidative and proinflammatory damage induced by cisplatin in blood serum, ureter, bladder and urethra in rats**
HİRİK E., BOZKURT A., KESKİN E., ERDOĞAN A., GÜL M. A., SÜLEYMAN H., SÜLEYMAN Z.
Biotechnology & Biotechnological Equipment, vol.34, pp.171-181, 2020 (SCI-Expanded)
- XXXVII. **THE PREVENTIVE EFFECTS OF RUTIN ON IMMOBILIZATION STRESS-INDUCED CARDIAC DAMAGE**
Coşkun R., Celik A. I., Süleyman Z., Keskin Çimen F., Çankaya M.
ACTA POLONIAE PHARMACEUTICA, vol.76, pp.1079-1087, 2019 (SCI-Expanded)
- XXXVIII. **Effect of lutein on methotrexate-induced oxidative lung damage in rats: A biochemical and histopathological assessment**
MAMMADOV R., SÜLEYMAN B., Akturan S., Cimen F. K., Kurt N., SÜLEYMAN Z., Malkoc İ.
Korean Journal of Internal Medicine, vol.34, no.6, pp.1279-1286, 2019 (SCI-Expanded)
- XXXIX. **The Effect of Taxifolin on Cisplatin-Induced Pulmonary Damage in Rats: A Biochemical and Histopathological Evaluation.**
ÜNVER E., Tosun M., Olmez H., KUZUCU M., KESKİN ÇİMEN F., SÜLEYMAN Z.
Mediators of inflammation, vol.2019, pp.3740867, 2019 (SCI-Expanded)
- XL. **The effect of rutin on cisplatin-induced oxidative cardiac damage in rats.**
Topal İ., Bilgin A. O., Cimen F., Kurt N., SÜLEYMAN Z., BİLGİN Y., ÖZÇİÇEK A., ALTUNER D.
Anatolian journal of cardiology, vol.20, no.3, pp.136-142, 2018 (SCI-Expanded)
- XLI. **The effect of metyrosine on oxidative gastric damage induced by ischemia/reperfusion in rats. Biochemical and histopathological evaluation.**
ÇİMEN O., ÇİMEN F., Gülaboğlu M., Bilgin A., ÇEKİÇ A., EKEN H., SÜLEYMAN Z., BİLGİN Y., ALTUNER D.
Acta cirurgica brasileira, vol.33, pp.259-267, 2018 (SCI-Expanded)
- XLII. **Effect of Rutin on Cisplatin-induced Small Intestine (jejunum) Damage in Rats**
Topal İ., Akbulut U. E., ÇİMEN O., Kolkiran A., AKTURAN S., Cimen F. K., ÇANKAYA M., EDEN A. O., SÜLEYMAN Z., Bilgin A. O.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.14, no.8, pp.1136-1144, 2018 (SCI-Expanded)
- XLIII. **The Effect of Parecoxib on Testicular Ischemia/Reperfusion Injury in Rats**
Bayrak O., KESKİN ÇİMEN F., HİRİK E., GÜLABOĞLU M., SÜLEYMAN Z., SÜLEYMAN B.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.12, pp.2395-2402, 2018 (SCI-Expanded)
- XLIV. **The effect of nimesulide on oxidative damage inflicted by ischemia-reperfusion on the rat renal tissue**
Suleyman Z., ŞENER E., Kurt N., ÇÖMEZ M., YAPANOĞLU T.
Renal Failure, vol.37, no.2, pp.323-331, 2015 (SCI-Expanded)
- XLV. **Effect of thiamine pyrophosphate on ischemia-reperfusion induced oxidative damage in rat kidney**
Altuner D., Cetin N., Suleyman B., Aslan Z., HACIMÜFTÜOĞLU A., GÜLABOĞLU M., ISAĞLU N., Demiryılmaz I., Suleyman H.
INDIAN JOURNAL OF PHARMACOLOGY, vol.45, no.4, pp.339-343, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Protective Effect of Adenosine Triphosphate against 5-Fluorouracil-Induced Oxidative Ovarian Damage in vivo**
Ozer M., Ince S., ALTUNER D., SÜLEYMAN Z., ÇİÇEK B., GÜLABOĞLU M., Mokhtare B., GÜRSUL C., SÜLEYMAN H.
Asian Pacific Journal of Cancer Prevention, vol.24, no.3, pp.1007-1013, 2023 (Scopus)
- II. **Valeriana officinalis is Effective on Stress-Induced Infertility, Delayed Maternity, and Intrauterine Growth Restriction of the Fetus in Female Rats**
Uzel K., Türkler C., Mammadov R., Yazici G. N., Arslan Y. K., Çoban T. A., Süleyman Z., Gürsul C., Süleyman H.
ACTA FARMACEUTICA BONAERENSE, vol.40, no.11, pp.2821-2828, 2021 (ESCI)
- III. **The effect of Internet addiction on eating attitude and body image in university students**
AYRAN G., SÜLEYMAN Z., ARIK U., AVCI Ü.
JOURNAL OF CHILD AND ADOLESCENT PSYCHIATRIC NURSING, vol.34, no.3, pp.199-205, 2021 (ESCI)
- IV. **Effect of benidipine on experimental gastric ulcers in rats**
SÜLEYMAN B., MAMMADOV R., ÖZÇİÇEK A., ÖZÇİÇEK F., KUZUCU M., ALTUNER D., SÜLEYMAN Z.
MEDICINE SCIENCE, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Rutin in Everolimus Uygulanan Sıçanlarda Görülen Akciğer Hasarına Etkisi: Biyokimyasal ve Histopatolojik Değerlendirme**
Demir Ö. F., Süleyman Z., Süleyman H., Çoban T. A., Mokhtare B.
Hippocrates Congress, Ankara, Turkey, 15 - 16 December 2023, pp.125
- II. **Ratlarda Siklofosfamid ile İndüklenen Oksidatif Akciğer Hasarına Likopenin Etkisi**
Tatoğlu Y., Mertoğlu C., Çoban T. A., Keskin Çimen F., Süleyman Z., Altuner D.
Ulusal 4. Kalıtsal Metabolik Hastalıklar Laboratuvarı Sempozyumu , Antalya, Turkey, 3 - 06 October 2022, pp.139
- III. **Effect of Lutein on Methotrexate Induced Oxidative Lung Damage in Rats. Biochemical and Histopathological Assessment**
MAMMADOV R., SÜLEYMAN B., AKTURAN S., KESKİN ÇİMEN F., KURT N., SÜLEYMAN Z., MALKOÇ İ.
7. International Trakya Family Medicine Congress, Edirne, Turkey, 21 - 25 March 2018, pp.96-98

Supported Projects

ALTUNER D., SÜLEYMAN Z., Project Supported by Higher Education Institutions, Favipiravirin in sıçanlarda doza bağımlı pulmonotoksik etkileri Biyokimyasal ve histopatolojik değerlendirme, 2022 - 2023

Metrics

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