

## Asst. Prof. SEVAL BULUT

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### Education Information

Doctorate, Erzincan Binali Yildirim University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 2020 - 2024

Undergraduate, Ataturk University, Tıp Fakültesi, Turkey 1994 - 2001

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

- I. **The effect of methylphenidate on the reproductive function of female rats**  
Cim N., Cim B., Akyuz Cim E. F., BULUT S., MAMMADOV R., SÜLEYMAN B., YÜCEL N., Mendil A. S., ÇOBAN T. A., SÜLEYMAN H.  
Journal of Obstetrics and Gynaecology Research, vol.51, no.1, 2025 (SCI-Expanded)
- II. **Effect of ethyl acetate extract from *Usnea longissima* on chemotherapy-associated multiple organ dysfunction in rats.**  
Bingul E., Bulut S., Mammadov R., Cicek B., Dogru T. E., Suleyman H., Mendil A. S.  
Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, vol.181, pp.117636, 2024 (SCI-Expanded)
- III. **Comparative study of the protective effects of coenzyme Q10 and cinnamon extract on possible kidney damage and dysfunction of amiodarone in rats.**  
Ekici O., Gul A., Keskin E., Bulut S., Suleyman B., Mammadov R., Cicek B., Demir O., Gunay M., Suleyman H.  
Clinical and experimental nephrology, 2024 (SCI-Expanded)
- IV. **The hormonal mechanism of the effects of meperidine, sertraline, tianeptine, and their combinations on reproductive functions in female rats.**  
Yilmaz 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)
- V. **Comparative Investigation of the Effects of Adenosine Triphosphate and Agomelatine Against Acrolein-Induced Oxidative and Inflammatory Lung Injury in Rats**  
Unver E., Suleyman B., Mammadov R., Bulut S., Altuner D., Coban T. A., Suleyman H.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.20, no.8, pp.1390-1397, 2024 (SCI-Expanded)
- VI. **Taxifolin as a novel therapeutic agent for epileptic seizures induced by caffeine-induced oxidative stress in rats.**  
YAŞAR H., ALTUNER D., Bulut S., ÇİÇEK B., GÜRSUL C., KUZUCU M., SÜLEYMAN H.  
Advances in clinical and experimental medicine : official organ Wroclaw Medical University, vol.33, no.8, pp.805-815, 2024 (SCI-Expanded)
- VII. **Lacidipine, thiamine pyrophosphate and their combination on the ocular ischemic syndrome induced by bilateral common carotid artery ligation.**  
Cicek I., Somuncu A. M., ALTUNER D., SÜLEYMAN B., MAMMADOV R., Bulut S., ÇOBAN T. A., Tastan T., SÜLEYMAN H.  
International journal of ophthalmology, vol.17, no.5, pp.815-821, 2024 (SCI-Expanded)
- VIII. **Effects of adenosine triphosphate, Lacidipine, and Benidipine on 5-fluorouracil-induced kidney damage in rats.**  
Dagel T., ALTUNER D., SÜLEYMAN B., MAMMADOV R., Bulut S., BAL TAŞTAN T., GÜLABOĞLU M., SÜLEYMAN H.

European review for medical and pharmacological sciences, vol.28, no.6, pp.2538-2549, 2024 (SCI-Expanded)

- IX. **Effects of benidipine, paracetamol, and their combination on postoperative and normal tissue pain thresholds.**  
Bedir Z., Ozkaloglu Erdem K. T., Doymus O., SÜLEYMAN H., YAVUZER B., ÇİÇEK B., ALTUNER D., MAMMADOV R., Yilmaz M., ÇOBAN T. A., et al.  
Frontiers in pharmacology, vol.14, pp.1326128, 2024 (SCI-Expanded)
- X. **Protective effects of thiamine pyrophosphate and cinnamon against oxidative liver damage induced by an isoniazid and rifampicin combination in rats. Efectos protectores del pirofosfato de tiamina y la canela contra el daño hepático oxidativo inducido por la combinación de isoniazida y rifampicina en ratas**  
YETER B., MAMMADOV R., Koc Z., Bulut S., TASTAN T. B., GÜLABOĞLU M., SÜLEYMAN H.  
Investigacion Clinica (Venezuela), vol.65, no.3, pp.321-334, 2024 (SCI-Expanded)
- XI. **Protective effect of cinnamon extract against cobalt-induced multiple organ damage in rats**  
IŞIK B., SÜLEYMAN B., MAMMADOV R., Bulut S., YAVUZER B., ALTUNER D., ÇOBAN T. A., SÜLEYMAN H.  
Frontiers in Pharmacology, vol.15, 2024 (SCI-Expanded)
- XII. **ROLE OF L-, N- AND T-TYPE CALCIUM CHANNELS IN ACHIEVING MAXIMUM ANALGESIC AND MINIMUM TOXIC EFFECT OF TRAMADOL**  
YILMAZ M., SÜLEYMAN B., MAMMADOV R., ALTUNER D., ÇOBAN T. A., Bulut S., COŞKUN R., SÜLEYMAN H.  
Acta Poloniae Pharmaceutica - Drug Research, vol.81, no.1, pp.135-143, 2024 (SCI-Expanded)
- XIII. **Protective Effect of Ramipril Against Oxidant and Proinflammatory Cytokine Damage Induced by Ischemia-Reperfusion in Ovarian Tissue in Rats.**  
Ulug P., Nayki U., Mammadov R., Bulut S., TASTAN T., COBAN T. A., Suleyman H.  
Transplantation proceedings, vol.56, no.1, pp.215-222, 2024 (SCI-Expanded)
- XIV. **Effects of taxifolin on aspirin-induced gastric damage in rats: macroscopic and biochemical evaluation.**  
Cerrah S., Akbas N., ÖZÇİÇEK F., MAMMADOV R., ALTUNER D., SÜLEYMAN H., Bulut S.  
Experimental animals, vol.72, no.4, pp.513-519, 2023 (SCI-Expanded)
- XV. **Effect of Liv-52 on Atorvastatin Induced Hepatotoxicity in Rats: A Biochemical and Histopathologic Study**  
Icel A., Suleyman B., Mammadov R., Bulut S., Cicek B., Yazici G. N., Gulaboglu M., Ozcicek F., Suleyman H.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.19, no.8, pp.938-946, 2023 (SCI-Expanded)
- XVI. **Stress-associated ovarian damage, infertility, and delay in achieving pregnancy and treatment options.**  
Gulsah Aynaoglu Yildiz G., Erkan Yapca O., Dinc K., Gursul C., Gundogdu B., Aktas M., Suleyman Z., Bulut S., Suleyman H.  
REVISTA DE INVESTIGACION CLINICA, vol.64, no.4, pp.513-523, 2023 (SCI-Expanded)
- XVII. **Effect of pycnogenol on ischemia/reperfusion-induced oxidative and inflammatory damage in the ovaries of rats**  
Dinc K., Kiremitli S., SÜLEYMAN B., MAMMADOV R., YAVUZER B., Bulut S., YAZICI G. N., ÇOBAN T. A., ALTUNER D., SÜLEYMAN H.  
Tropical Journal of Pharmaceutical Research, vol.22, no.11, pp.2297-2303, 2023 (SCI-Expanded)
- XVIII. **The Role of Adrenaline, Noradrenaline, and Cortisol in the Pathogenesis of the Analgesic Potency, Duration, and Neurotoxic Effect of Meperidine**  
Yilmaz M., SÜLEYMAN B., MAMMADOV R., ALTUNER D., Bulut S., SÜLEYMAN H.  
Medicina (Lithuania), vol.59, no.10, 2023 (SCI-Expanded)
- XIX. **Effect of Cinnamon Extract on Ovarian Torsion Detorsion Damage in Rats**  
Bingul E., Hizal E., Suleyman B., Mammadov R., Bulut S., Altuner D., TASTAN T. B., Dogru T. E., Suleyman H.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.19, no.7, pp.842-851, 2023 (SCI-Expanded)
- XX. **Effect of Thiamine Pyrophosphate Upon Oxidative Brain Injury Induced by Ischemia-Reperfusion in Rats**  
Yasar H., Demirdogen F., Suleyman B., Mammadov R., Altuner D., Coban T. A., Bulut S., Gursul C., Suleyman H.

INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.19, pp.277-285, 2023 (SCI-Expanded)

- XXI. **The Effect of Desloratadine Upon Ischemia-reperfusion-induced Oxidative and Inflammatory Gastric Injury in Rats**  
Bicer S., Mammadov R., Bulut S., Suleyman Z., Coban T. A., Yazici G. N., Suleyman H.  
INDIAN JOURNAL OF ANIMAL RESEARCH, vol.1, pp.1-6, 2023 (SCI-Expanded)
- XXII. **Effect of Thiamine Pyrophosphate on Amiodarone-Induced Oxidative Kidney Damage in Rats**  
Dagel T., Mammadov R., Bulut S., Yeter B., Tastan T., Ekici O., Coban T. A., Suleyman H.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.19, no.4, pp.521-530, 2023 (SCI-Expanded)
- XXIII. **Effect of Taxifolin on Acrylamide-Related Oxidative Ovarian Damage, Infertility and Intrauterine Growth Retardation in Female Rats**  
Dinc K., Kiremitli T., Kiremitli S., Ozyurt R., Bulut B., Bulut S., Yavuzer B., Suleyman H., Aggul A. G., Mokhtare B., et al.  
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- XXIV. **Protective Effect of Lycopene against Ethanol-induced Oxidative Kidney Damage in Rats**  
TUZ YILMAZ C., SÜLEYMAN B., MAMMADOV R., Bulut S., GÜRSUL C., YAZICI G. N., GÜLABOĞLU M., SÜLEYMAN H.  
Latin American Journal of Pharmacy, vol.42, no.12, pp.2417-2422, 2023 (SCI-Expanded)
- XXV. **The Effect of Carvacrol on Oxidative and Inflammatory Liver Damage due to Staphylococcus aureus Infection in Rats**  
DABANLIOĞLU B., SÜLEYMAN B., MAMMADOV R., ÇOBAN T. A., YAZICI G. N., AKYÜZ S., Yavuzer B., Bulut S., SÜLEYMAN H.  
Latin American Journal of Pharmacy, vol.42, no.3, pp.510-517, 2023 (SCI-Expanded)
- XXVI. **Favipiravir-induced inflammatory and hydropic degenerative liver injury in rats**  
Bilici S., Altuner D., Suleyman Z., Bulut S., Sarigul C., Gulaboglu M., Altindag F., Ozcicek A., Gursul C., Suleyman H.  
Advances in Clinical and Experimental Medicine, vol.32, no.8, pp.881-887, 2023 (SCI-Expanded)
- XXVII. **Effect of Ketorolac and Nimesulide Combination on Surgical Pain, Stomach and Kidneys**  
IŞIK B., SÜLEYMAN B., MAMMADOV R., Bulut S., Yavuzer B., ALTUNER D., GÜLABOĞLU M., SÜLEYMAN H.  
Latin American Journal of Pharmacy, vol.42, no.1, pp.36-45, 2023 (SCI-Expanded)
- XXVIII. **Carvacrol prevents acrylamide-induced oxidative and inflammatory liver damage and dysfunction in rats**  
Cerrah S., ÖZÇİÇEK F., GÜNDOĞDU B., ÇİÇEK B., ÇOBAN T. A., SÜLEYMAN B., ALTUNER D., Bulut S., SÜLEYMAN H.  
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- XXIX. **Protective Effect of Adenosine Triphosphate Against Bevacizumab-Induced Mandibular Bone Damage in Rats**  
YALÇIN E., BAYRAMOĞLU Z., MAMMADOV R., ALTUNER D., Bulut S., Yavuzer B., Mokhtare B., ÇOBAN T. A., SÜLEYMAN H., SÜLEYMAN B.  
Latin American Journal of Pharmacy, vol.42, no.1, pp.98-104, 2023 (SCI-Expanded)
- XXX. **ANTI-INFLAMMATORY, ANALGESIC, AND GASTRIC TISSUE EFFECTS OF LACIDIPINE, ASPIRIN, AND THEIR COMBINATION**  
IŞIK B., ATEŞ İ., SÜLEYMAN B., MAMMADOV R., Bulut S., GÜLABOĞLU M., ÖZÇİÇEK A., SÜLEYMAN H.  
Acta Poloniae Pharmaceutica - Drug Research, vol.80, no.5, pp.821-829, 2023 (SCI-Expanded)
- XXXI. **Effect of thymoquinone on cyclophosphamide-induced oxidative and inflammatory ovarian damage in rat**  
Colluoglu C., Balci S., GÜNDOĞDU B., ÇOBAN T. A., Bulut S., SÜLEYMAN H.  
Bangladesh Journal of Pharmacology, vol.17, no.3, pp.72-78, 2022 (SCI-Expanded)
- XXXII. **Effect of Thymoquinone on Diclofenac-Induced Liver Injury**  
Ekinci B., Altuner D., Suleyman B., Mammadov R., Bulut S., Suleyman Z., A. Gul M., Ergul C., Suleyman H.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.18, no.6, pp.1331-1339, 2022 (SCI-Expanded)
- XXXIII. **Effects of Mirtazapine on Liver Ischemia-Reperfusion Injury in Rats**  
Alemdar A., Yilmaz I., Ozcicek F., Bulut S., Onur Eden A., Gursul C., Sefa Mendi A., Kuzucu M., Altuner D., Suleyman H.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.18, no.6, pp.1093-1100, 2022 (SCI-Expanded)
- XXXIV. **Is Benidipine Effective in Preventing Gastric Ischemia/ Reperfusion Injury?**  
Bilici S., Gokalp Tas H., Mamedov R., Suleyman B., Kuyrukluuy U., Yavuzer B., Bulut S., Coban A., Suleyman H.

INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.18, no.6, pp.1271-1277, 2022 (SCI-Expanded)

- XXXV. **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)
- XXXVI. **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)
- XXXVII. **Effect of Usnea longisima Ethyl Acetate Extract on Staphylococcus aureus-Induced Experimental Rhinosinusitis in Rats**  
Dilber M., ERHAN E., Bulut S., KUZUCU M., AKYÜZ S., SÜLEYMAN H.  
Latin American Journal of Pharmacy, vol.41, no.1, pp.58-66, 2022 (SCI-Expanded)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **Effect of taxifolin on cyclophosphamide-induced oxidative and inflammatory bladder injury in rats**  
AKBAŞ N., SÜLEYMAN B., MAMMADOV R., YAZICI G. N., Bulut S., SÜLEYMAN H.  
Experimental Animals, vol.71, no.4, pp.460-467, 2022 (SCI-Expanded)
- XLI. **THE EFFECT OF CARVACROL UPON EXPERIMENTALLY INDUCED DIABETIC NEUROPATHY AND NEUROPATHIC PAIN IN RATS**  
EKİNCİ B., SÜLEYMAN B., MAMMADOV R., GEZER A., Mendil A. S., AKBAŞ N., Bulut S., Dal C. N., SÜLEYMAN H.  
Acta Poloniae Pharmaceutica - Drug Research, vol.79, no.5, pp.707-715, 2022 (SCI-Expanded)
- XLII. **EFFECT OF NIMESULIDE AGAINST INDOMETHACIN-INDUCED OXIDATIVE LIVER DAMAGE IN RATS**  
Yılmaz Ç. M., Süleyman B., Mammadov R., Özçiçek A., Bulut S., Yazıcı G. N., Gulapoglu M., Süleyman H.  
Acta Poloniae Pharmaceutica - Drug Research, vol.79, no.3, pp.385-391, 2022 (SCI-Expanded)
- XLIII. **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)
- XLIV. **The Effect of Cerebrolysin on Ischemia Reperfusion-Induced Oxidative and Inflammatory Ovarian Damage in Rats**  
Ozer M., Ince S., SÜLEYMAN B., MAMMADOV R., Yavuzer B., Bulut S., AKBAŞ N., Mokhtare B., Mendil A. S., DİNÇ K., et al.  
Latin American Journal of Pharmacy, vol.41, no.6, pp.1223-1232, 2022 (SCI-Expanded)
- XLV. **The effects of taxifolin on neuropathy related with hyperglycemia and neuropathic pain in rats: A biochemical and histopathological evaluation**  
Alay M., Sonmez M. G., Sakin A., Atmaca M., SÜLEYMAN H., YAZICI G. N., Coban A., SÜLEYMAN B., Bulut S., ALTUNER D.  
Advances in Clinical and Experimental Medicine, vol.31, no.4, 2022 (SCI-Expanded)
- XLVI. **Effect of low and high dose of favipiravir on ovarian and reproductive function in female rats: Biochemical and histopathological evaluation**  
Balci S., Çöllüoğlu Ç., Yavuzer B., Bulut S., Altındağ F., Akbaş N., Süleyman H.

- General Physiology and Biophysics, vol.41, no.5, pp.457-463, 2022 (SCI-Expanded)
- XLVII. **Beneficial interaction of pycnogenol with indomethacin in rats**  
EKİNCİ B., SÜLEYMAN B., MAMMADOV R., Bulut S., ÖZÇİÇEK A., Ergul C., GÜLABOĞLU M., HAYME S., SÜLEYMAN H.  
General Physiology and Biophysics, vol.41, no.5, pp.473-481, 2022 (SCI-Expanded)
- XLVIII. **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)
- XLIX. **Effect of Taxifolin on Ischemia/Reperfusion-Induced Oxidative Injury of Sciatic Nerve in Rats**  
Yuceli S., SÜLEYMAN B., YAZICI G. N., MAMMADOV R., ÇANKAYA M., Kunak C. S., Bulut S., SÜLEYMAN H., ALTUNER D.  
Transplantation Proceedings, vol.53, no.10, pp.3087-3092, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Relationship between Oxidative Stress and Cellular Adenosine Triphosphate Levels**  
Bulut S., Süleyman H.  
Recent Trends in Pharmacology, vol.2, no.2, pp.82-89, 2024 (Peer-Reviewed Journal)

## Metrics

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