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Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr), Turkey 2011 - 2016

Under Graduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2005 - 2010

Dissertations

Doctorate, Hipertansiyon nedeniyle gelişen kardiyak işlev bozukluğunda "karaciğer X reseptörleri"nin (liver X receptor LXR) rolü, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr), 2016

Research Areas

Health Sciences

Academic Titles / Tasks

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2012 - Continues

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

- I. **Reversal of deleterious effect of hypertension on the liver by inhibition of endoplasmic reticulum stress**
BAL N. B. , HAN S., KİREMİTÇİ S., ULUDAĞ M. O. , DEMİREL YILMAZ E.
MOLECULAR BIOLOGY REPORTS, vol.47, no.3, pp.2243-2252, 2020 (Journal Indexed in SCI)
- II. **Hypertension-induced cardiac impairment is reversed by the inhibition of endoplasmic reticulum stress**
BAL N. B. , HAN S., KİREMİTÇİ S., SADİ G., Uludag O., DEMİREL YILMAZ E.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.71, no.12, pp.1809-1821, 2019 (Journal Indexed in SCI)
- III. **Activation of Liver X Receptors by GW3965 Attenuated Deoxycorticosterone Acetate-Salt Hypertension-Induced Cardiac Functional and Structural Changes**
BAL N. B. , HAN S., USANMAZ S. E. , KİREMİTÇİ S., SADİ G., Uludag O., DEMİREL YILMAZ E.
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY, vol.74, no.2, pp.105-117, 2019 (Journal Indexed in SCI)
- IV. **Inhibition of endoplasmic reticulum stress protected DOCA-salt hypertension-induced vascular dysfunction**
HAN S., BAL N. B. , SADİ G., USANMAZ S. E. , Tuğlu M. M. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
VASCULAR PHARMACOLOGY, vol.113, pp.38-46, 2019 (Journal Indexed in SCI)
- V. **Antinociceptive Effect of Liposomal Bupivacaine Formulations After Intrathecal Administration in Rats**

Yigit I, Gunaydin B, Emmez Ö. H. , Uludag O, Bal N. B. , Degim T.

TURKISH JOURNAL OF MEDICAL SCIENCES, vol.49, pp.429-434, 2019 (Journal Indexed in SCI)

- VI. **The effects of LXR agonist GW3965 on vascular reactivity and inflammation in hypertensive rat aorta**
HAN S., BAL N. B. , SADİ G., USANMAZ S. E. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
LIFE SCIENCES, vol.213, pp.287-293, 2018 (Journal Indexed in SCI)
- VII. **The effects of resveratrol and exercise on age and gender-dependent alterations of vascular functions and biomarkers**
HAN S., BAL N. B. , Sadi G., USANMAZ S. E. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
EXPERIMENTAL GERONTOLOGY, vol.110, pp.191-201, 2018 (Journal Indexed in SCI)
- VIII. **Effects of Ozone Treatment in Endotoxin Induced Shock Model in Rats**
ULUDAĞ M. O. , Ozdemir E. D. , BAL N. B. , HAN S., Dayanir H., Babacan A., USANMAZ S. E. , DEMİREL YILMAZ E.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.13, no.2, pp.166-174, 2017 (Journal Indexed in SCI)
- IX. **SYNTHESIS AND ANTINOCICEPTIVE ACTIVITY OF MEPERIDINE-LIKE BENZIMIDAZOLE DERIVATIVES**
Ercanli T., BAL N. B. , ÖZDEMİR E., DÜNDAR Y., ULUDAĞ M. O. , Cakir B., Ozden T., ÖNKOL T.
REVUE ROUMAINE DE CHIMIE, vol.61, no.1, pp.15-23, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Kardiyovasküler Sistemde Karaciğer X Reseptörleri**
Bal N. B. , Uludağ M. O. , Demirel Yılmaz E.
Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.39, no.4, pp.430-443, 2019 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Gender dependent effects of resveratrol and regular exercise on the expression of various proteins in kidney**
BAL N. B. , HAN S., ULUDAĞ M. O. , DEMİREL YILMAZ E.
1st International Conference on Preventive Medicine (1st ICPM), 12 - 14 November 2019
- II. **Düzenli Hareket ve Resveratrol'ün Kalp ve Böbrek Dokusunda Nitrik Oksit ve Toplam Antioksidan Kapasite Üzerine Cinsiyete Bağlı Etkileri**
BAL N. B. , HAN S., USANMAZ S. E. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
25. Ulusal Farmakoloji Kongresi, Turkey, 4 - 07 November 2019
- III. **TUDCA ile Endoplazmik Retikulum Stresinin Engellenmesinin Hipertansiyonda Gelişen Karaciğer Hasarına Etkisi**
BAL N. B. , HAN S., KİREMİTÇİ S., ULUDAĞ M. O. , DEMİREL YILMAZ E.
25. Ulusal Farmakoloji Kongresi, Turkey, 4 - 07 November 2019
- IV. **The effects of endoplasmic reticulum stress inhibition on vascular and cardiac EGFR signaling in hypertension**
BAL N. B. , HAN S., Tuğlu M. M. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
18th World Congress of Basic and Clinical Pharmacology (WCP2018), 1 - 06 July 2018
- V. **Resveratrol ve Egzersizin Oksidatif Stres ile İlişkili Genler Üzerindeki Yaşa ve Cinsiyete Bağlı Etkileri**
HAN S., SADİ G., BAL N. B. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
24. Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017
- VI. **HİPERTANSİYONDA ENDOPLAZMİK RETİKULUM STRESİNİN ENGELLENMESİNİN KALP ve DAMARDAMİTOJENİK YOLAKLARA ETKİSİ**
BAL N. B. , HAN S., Tuğlu M. M. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 20 October 2017
- VII. **Inhibition of endoplasmic reticulum stress reversed doca-salt hypertension-induced structural**

changes in cardiac and hepatic tissues

BAL N. B. , HAN S., KİREMİTÇİ S., ULUDAĞ M. O. , DEMİREL YILMAZ E.

2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017

- VIII. **Activation of liver X receptors prevents cardiac functional and structural changes in DOCA-salt hypertensive rats.**
BAL N. B. , HAN S., USANMAZ S. E. , Kiremitçi S., SADİ G., ULUDAĞ M. O. , DEMİREL YILMAZ E.
2nd International Gazi Pharma Symposium, Turkey, 11 - 13 October 2017
- IX. **Aging and gender dependent alteration of oxidatve stress related genes.**
HAN S., SADİ G., BAL N. B. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
19th International conference on Oxidative Stress Reduction, Redox Homeostasis and Antioxidants, 26 - 27 July 2017
- X. **Effects of LXR agonist GW3965 on expression of functional proteins in hypertensive rat aorta**
HAN S., BAL N. B. , SADİ G., ULUDAĞ M. O. , DEMİREL YILMAZ E.
The EMBO meeting, Mannheim, Germany, 10 - 13 September 2016
- XI. **Inhibition of endoplasmic reticulum stress protected hypertension induced alteration in the protein expression of rat aorta**
HAN S., BAL N. B. , SADİ G., ULUDAĞ M. O. , DEMİREL YILMAZ E.
The EMBO meeting, Mannheim, Germany, 10 - 13 September 2016
- XII. **The role of Liver X Receptors on cardiac dysfunction induced by hypertension**
BAL N. B. , HAN S., USANMAZ S. E. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
7th European Congress of Pharmacology (EPHAR), İstanbul, Turkey, 26 - 30 June 2016
- XIII. **Effect of endoplasmic reticulum stress inhibition on cardiac remodelling induced by hypertension**
BAL N. B. , HAN S., KİREMİTÇİ S., SADİ G., ULUDAĞ M. O. , DEMİREL YILMAZ E.
7th European Congress of Pharmacology (EPHAR), İstanbul, Turkey, 26 - 30 June 2016
- XIV. **Effects of endoplasmic reticulum stress on hypertension induced endothelial dysfunction in rat**
HAN S., BAL N. B. , USANMAZ S. E. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
7th European Congress of Pharmacology (EPHAR), İstanbul, Turkey, 26 - 30 June 2016
- XV. **Effects of LXR agonist GW3965 on vascular reactivity in DOCA salt induced hypertension in rat**
HAN S., BAL N. B. , USANMAZ S. E. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
7th European Congress of Pharmacology (EPHAR), İstanbul, Turkey, 26 - 30 June 2016
- XVI. **SYNTHESIS AND ANTINOCICEPTIVE ACTIVITY OF MEPERIDINELIKEBENZIMIDAZOLE DERIVATIVES**
TANER E., BAL N. B. , ELİF DERYA Ö., DÜNDAR Y., ULUDAĞ M. O. , ÇAKIR B., ÖZDEN T., ÖNKOL T.
1st International Gazi Pharma SymposiumSeries (GPSS-2015), 12 - 15 November 2015
- XVII. **Synthesis And Antinociceptive Activity Of Meperidinlike Benzimidazole Derivatives** 12 15 November 2015 Antalya Türkiye
ERCANLI T., BAL N. B. , Özdemir E. D. , DÜNDAR Y., ULUDAĞ M. O. , ÇAKIR B., ÖZDEN S. T. , ÖNKOL T.
1st International Gazi Pharma Symposium Series (GPSS-2015), 12 - 15 November 2015
- XVIII. **Hipertansiyonda gelişen endoplazmik retikulum stresinin damar cevapları üzerine etkisi**
HAN S., BAL N. B. , USANMAZ S. E. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
23. Ulusal Farmakoloji Kongresi, Turkey, 7 - 10 September 2015
- XIX. **Age and gender dependent effects of resveratrol and regular aerobic exercise on the endothelial function related blood biomarkers**
BAL N. B. , HAN S., USANMAZ S. E. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
17th World Congress Of Basic And Clinical Pharmacology, 13 - 18 June 2014
- XX. **Age and gender dependent effects of resveratrol and exercise on vascular relaxations.**
HAN S., BAL N. B. , ULUDAĞ M. O. , DEMİREL YILMAZ E.
The 5th EMBO meeting, 21 - 24 September 2013

Citations

Total Citations (WOS):15

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