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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Marmara University, Institute of Health Sciences, Farmasötik Toksikoloji (Dr), Turkey 2013 - 2017

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey 2010 - 2012

Undergraduate, Karadeniz Technical University, Fen Fakültesi, Kimya Bölümü, Turkey 2004 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Sıçanlarda formaldehitin oluşturduğu toksik etkiye karşı melatoninin koruyucu etkisinin incelenmesi, Marmara University, Institute of Health Sciences, Farmasötik Toksikoloji (Dr), 2017

Postgraduate, Kuşburnu Bitkisinin Biyoaktif Kompozisyonu, Karadeniz Technical University, 2012

Research Areas

Professional Sciences

Academic Titles / Tasks

Assistant Professor, Marmara University, Vocational School of Health Services, Medical Services and Techniques Department, 2019 - Continues

Research Assistant PhD, Marmara University, Vocational School of Health Services, Medical Services and Techniques Department, 2013 - 2019

Courses

Molecular Pathology Techniques, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Chemistry II, Associate Degree, 2020 - 2021
Topluma Hizmet Uygulamaları, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019
Internship II, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Occupational Health and Safety, Associate Degree, 2020 - 2021
Research Methods and Techniques in the Laboratory, Associate Degree, 2020 - 2021
Internship I, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Pathology Laboratory Safety, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Chemistry I, Associate Degree, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Myrtus communis leaf extract protects against cerulein-induced acute pancreatitis in rats.**
Ozbeyli D., Sen A., Cilingir K., Ertas B., Aydemir S., Ozkan N., Yuksel M., Sener G.
Journal of food biochemistry, vol.44, no.2, 2020 (SCI-Expanded)
- II. **Melatonin ameliorates oxidative DNA damage and protects against formaldehyde-induced oxidative stress in rats**
AYDEMİR S., AKGÜN ÖLMEZ S. G., BECEREN A., YÜKSEL M., Kumas M., Erdogan N., Sardas S., Omurtag G. Z.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.10, no.4, pp.6250-6261, 2017 (SCI-Expanded)
- III. **The Effect of Carnitine Against Acrylamide induced toxicity in rat lung and liver tissues**
AYDEMİR S., GÜÇLÜ H., ÖZKAN N., YÜKSEL M., ERDOĞAN N., OMURTAG G. Z.
Toxicology Letters, 2016 (SCI-Expanded)
- IV. **Antioxidant Effects of UMCA on Acrylamide Induced Toxicity in Rats**
AYDEMİR S., GÜÇLÜ H., ÖZKAN N., YÜKSEL M., ERDOĞAN N., OMURTAG G. Z.
Toxicology Letters, 2015 (SCI-Expanded)
- V. **Antioxidant components of Viburnum opulus L. determined by on-line HPLC-UV-ABTS radical scavenging and LC-UV-ESI-MS methods**
KARAÇELİK A. A., KÜÇÜK M., Iskefiyeli Z., AYDEMİR S., De Smet S., Miserez B., Sandra P.
FOOD CHEMISTRY, vol.175, pp.106-114, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Radioprotective effect of resveratrol for early and late ionizing radiation-induced damages on colon and rectum in rats**
Becerren A., Aydemir S., Atasoy B. M., Ak E., Ercan F., Şener T. E., Şener G.
Journal of research in pharmacy (online), vol.27, no.4, pp.1617-1625, 2023 (ESCI)
- II. **The Effect of Beta Glucan and Fucoxanthine in a Serulein- Induced Acute Pancreatitis in Rats**
Özbeyli D., Kaya Ö. T., Aykaç A., Aydemir S., Gürler E. B., Yüksel M.
Bozok Tıp Dergisi, vol.10, no.2, pp.189-197, 2021 (Peer-Reviewed Journal)
- III. **Evaluation of the wound healing potential of Aloe vera-based extract of Nerium oleander**
Akgün Ölmez S. G., Aydemir S., Özkan N., Yüksel M., Sardas S.
NORTHERN CLINICS OF ISTANBUL, vol.4, pp.205-212, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The protective role of UMCA on bleomycin-induced lung fibrosis in rats**
AYDEMİR S., ÖZKAN YENAL N., GÜÇLÜ H., YÜKSEL M., ÖZBEYLİ D., ERDOĞAN N.

11th INTERNATIONAL CONGRESS OF THE TURKISH SOCIETY OF TOXICOLOGY, Antalya, Turkey, 2 - 05 November 2022

- II. **Evaluation of Antioxidant, Analgesic, Anti-Inflammatory and Antispasmodic Activity and Genotoxic Effect of *Micromeria fruticosa* Subsp *Brachycalyx* In Vitro and In Vivo**
Çelikkol I., Beceren A., Kabasakal L., Taşkın T., Aydemir S.
The 13th International Symposium on Pharmaceutical Sciences (ISOPS)., Ankara, Turkey, 22 - 25 July 2021, no.129, pp.83-84
- III. **Investigation of the effects of infrared rays on DNA strand in hot environment workers by comet assay**
KANBUR S., BECEREN A., AYDEMİR S., UZUN M. F.
54th Congress of the European Societies of Toxicology, BRÜKSEL, Belgium, 2 - 05 September 2018, vol.295
- IV. **Patoloji Laboratuvar Teknikleri Programı: öğrenci kontenjanları ve istihdam**
Aydemir S., Özkan N., Erdoğan N., Özbeyli D.
4.Ulusal Sağlık Hizmetleri Meslekyüksekokulu Sempozyumu, İstanbul, Turkey, 15 - 18 November 2017
- V. **Patoloji Laboratuvar Teknikleri Programı öğrencilerinin mezun oldukları lise türüne göre Genel Histoteknoloji ders başarıları**
Özkan N., Aydemir S., Özbeyli D., Erdoğan N.
4.Ulusal Sağlık Hizmetleri Meslekyüksekokulu Sempozyumu, İstanbul, Turkey, 15 - 18 November 2017
- VI. **Evaluation of incision wound healing activity of *Scorzonera veratrifolia* in Wistar albino rats**
Gecim M., BECEREN A., AYDEMİR S., Sardas S.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- VII. **Protective role of St. John's Wort on formaldehyde-induced lung tissue injury: Inhibition of inflammation and oxidative stress mediated apoptosis**
BECEREN A., AYDEMİR S., BİNGÖL ÖZAKPINAR Ö., Şehirli A. O., Omurtag G. Z.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- VIII. **The role of St. John's Wort against formaldehyde toxicity induced by inhalation in rats**
AYDEMİR S., BECEREN A., Gecim M., BİNGÖL ÖZAKPINAR Ö., Şehirli A. O., Omurtag G. Z.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- IX. **The Effect of Apelin on Podocytes in Doxorubicin Induced Nephrotic Syndrome**
ÖZKAN N., ŞEHİRLİ A. Ö., YÜKSEL M., KAYA Ö. T., TOK O. E., AYDEMİR S., KOÇ M., ÇETİNEL Ş.
15th International Congress of Histochemistry and Cytochemistry, 18 - 21 May 2017
- X. **Resveratrol Protects Against Ionizing Radiation-Induced Multiple Organ Damage in Rats**
BECEREN A., AK E., AYDEMİR S., ATASOY B. M., Değerli A. D., ERCAN F., ŞENER G.
3rd. International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XI. **Resveratrol protects against ionizing radiation induced multiple organ damage**
BECEREN A., AK E., AYDEMİR S., ATASOY B. M., DAGLI DEĞERLİ A., ERCAN F., ŞENER G.
3rd IVEK, 26 - 29 April 2017
- XII. **Evaluation of the protective effects of Nerium oleander by sensitive biomarkers**
ŞARDAŞ S., AKGÜN S. G., AYDEMİR S.
15th Asia Pacific Medical Association of Medical Toxicology International Scientific Conference, 17 - 20 November 2016
- XIII. **Evaluation of the protective effects of Nerium oleander by sensitive biomarkers**
ŞARDAŞ S., AKGÜN S. G., AYDEMİR S.
15th Asia Pacific Medical Association of Medical Toxicology International Scientific Conference, 17 - 20 November 2016
- XIV. **The effect of carnitine against acrylamide-induced toxicity in rat lung and liver tissues**
Aydemir S., Guclu H., Ozkan N., Yuksel M., Erdogan N., Omurtag G. Z.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258

- XV. **The wound healing effects of Nerium oleander extract against burn-induced oxidative injury**
Akgun S. G., Aydemir S., Ozkan N., Beceren A., Sardas S.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258
- XVI. **Comparison of inhaled and intraperitoneal formaldehyde toxicity in rats and the evaluation of the effects of melatonin**
Aydemir S., Akgun S. G., Ozkan N., Yuksel M., Beceren A., Erdogan N., Omurtag G. Z.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258
- XVII. **Comparison of inhaled and intraperitoneal formaldehyde toxicity in rats and the evaluation of the effects of melatonin**
AYDEMİR S., AKGÜN S. G., ÖZKAN N., YÜKSEL M., BECEREN A., ERDOĞAN N., OMURTAG G. Z.
52nd Congress of the European Societies of Toxicology (EUROTOX), 4 - 07 September 2016
- XVIII. **Assessment of the protective effects of antioxidants on acrylamide induced toxicity in rats**
BECEREN A., AYDEMİR S., OMURTAG G. Z.
2nd International Congress Of Forensic Toxicology, 26 - 30 May 2016
- XIX. **Nanomaterials as Drug Delivery Systems: Advantages and Disadvantages**
AYDEMİR S., AKGÜN ÖLMEZ S. G., OMURTAG G. Z.
IVEK 2nd International Convention of Pharmaceuticals and Pharmacies., 27 - 29 November 2015
- XX. **Nanomaterials as Drug Delivery Systems Advantages and Disadvantages**
AYDEMİR S., AKGÜN S. G., OMURTAG G. Z.
2. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 27 - 29 November 2015
- XXI. **Nanotoxicology Recent Safety Studies on Nanomaterials Used in Medicine and Pharmacy**
AKGÜN S. G., AYDEMİR S.
2. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 27 - 29 November 2015
- XXII. **Nanotoxicology: Recent safety studies on nanomaterials used in medicine and pharmacy**
AKGÜN ÖLMEZ S. G., AYDEMİR S.
IVEK 2nd International Convention of Pharmaceuticals and Pharmacies., 27 - 29 November 2015
- XXIII. **Safety Studies on Nerium oleander**
AKGÜN ÖLMEZ S. G., AYDEMİR S., ŞARDAŞ S.
II. Ulusal Farmakovijilans Kongresi, Turkey, 5 - 06 November 2015
- XXIV. **Antioxidant effects of UMCA (R) on acrylamide induced toxicity in rats**
Aydemir S., Sahin H., Ozkan N., Yuksel M., Erdogan N., Omurtag G. Z.
51st Congress of the European-Societies-of-Toxicology (EUROTOX), Porto, Portugal, 13 - 16 September 2015, vol.238
- XXV. **Antioxidant effects of UMCA on acrylamide induced toxicity in rats**
AYDEMİR S., ŞAHİN H., ÖZKAN N., YÜKSEL M., ERDOĞAN N., OMURTAG G. Z.
51st Congress of the European Societies of Toxicology (EUROTOX), Toxicology Letters, Portugal, 13 - 16 September 2015, vol.238, pp.254
- XXVI. **Bitkisel çayların hazırlanmasında sıcaklığın biyoaktivite üzerine etkisi**
AYDEMİR S., AYAZ SEYHAN S., AKGÜN S. G., OMURTAG G. Z., ERDOĞAN N.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXVII. **Kaldırık Trachystemon Orientalis L G Don Bitkisinin Sulu Ekstraktlarının Antioksidan Aktivite ve Toplam Fenol İçeriklerinin Belirlenmesi**
AYDEMİR S., AYAZ SEYHAN S., AKGÜN S. G., BECEREN A.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXVIII. **KALDIRIK Trachystemon Orientalis L G Don bitkisinin sulu ekstraktlarının antioksidan aktivite ve toplam fenol içeriklerinin belirlenmesi**
AYDEMİR S., AYAZ SEYHAN S., AKGÜN S. G., BECEREN A.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXIX. **Trachystemon Orientalis L G Don bitkisinin farklı kısımlarının antioksidan aktivitelerinin incelenmesi**
AYAZ SEYHAN S., AYDEMİR S., BECEREN A., AKGÜN S. G.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015

- XXX. **Bitkisel çayların hazırlanmasında sıcaklığın biyoaktivite üzerine etkisi**
AYDEMİR S., AYAZ SEYHAN S., AKGÜN S. G., OMURTAG G. Z., ERDOĞAN N.
27. ULUSAL KİMYA KONGRESİ, Turkey, 23 - 28 August 2015
- XXXI. **Trachystemon Orientalis (L.) G. Don bitkisinin farklı kısımlarının antioksidan aktivitelerinin incelenmesi**
AYAZ SEYHAN S., AYDEMİR S., BECEREN A., AKGÜN S. G.
27. ULUSAL KİMYA KONGRESİ, Turkey, 23 - 28 August 2015
- XXXII. **Kaldirik (Trachystemon Orientalis (L.) G. Don) bitkisinin sulu ekstraktlarının antioksidan aktivite ve toplam fenol içeriklerinin belirlenmesi**
AYDEMİR S., AYAZ SEYHAN S., AKGÜN S. G., BECEREN A.
27. ULUSAL KİMYA KONGRESİ, Turkey, 23 - 28 August 2015
- XXXIII. **Deneyisel Huntington hastalığı modelinde montelukastın antioksidan etkisi**
YÜKSEL M., AYDEMİR S., ŞAHİN H., ÖZKAN N., ERDOĞAN N.
13. Ulusal Sinirbilim kongresi, 30 Nisan-3 Mayıs 2015, Selçuk Üniversitesi, Konya, Turkey, 30 April - 03 May 2015
- XXXIV. **The Effect of Pelargonium sidoides Extract UMCA on Acrylamide induced Toxicity in Rats**
AYDEMİR S., GÜÇLÜ H., ÖZKAN N., YÜKSEL M., ERDOĞAN N., OMURTAG G. Z.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), 18 September 2014
- XXXV. **The Effect of Montelukast on 3 Nitropropionic acid Induced Experimental Huntington s Disease Model**
YÜKSEL M., AYDEMİR S., GÜÇLÜ H., ÖZKAN N., ERDOĞAN N.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), 18 September 2014
- XXXVI. **Protective Effect of Carnitine Against Acrylamide induced Toxicity in Rats**
GÜÇLÜ H., AYDEMİR S., ÖZKAN N., YÜKSEL M., ERDOĞAN N., OMURTAG G. Z.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), 18 September 2014
- XXXVII. **Protective Effect of Carnitine Against Acrylamide Induced Toxicity in Rats**
ŞAHİN H., AYDEMİR S., YÜKSEL M., ÖZKAN N., ERDOĞAN N., OMURTAG G. Z.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences, İstanbul, 18 - 21 September 2014
- XXXVIII. **The Effect of Pelargonium sidoides UMCA on Acrylamide Induced Toxicity in Rats**
AYDEMİR S., ŞAHİN H., ÖZKAN N., YÜKSEL M., ERDOĞAN N., OMURTAG G. Z.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences, İstanbul, 18 - 21 September 2014
- XXXIX. **Carbonic Anhydrase Inhibition by Plant Products Application of Combined Chromatography Bioactivity**
KÜÇÜK M., ARSLAN BURNAZ N., İSKEFİYELİ Z., AKTAŞ KARAÇELİK A., AYDEMİR S., ALKAN S., EYÜPOĞLU O. E.
The 9th International Conference on Carbonic Anhydrase (CA), 11 April 2012

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