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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Turkey 2023 - Continues

Postgraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2019 - 2022

Undergraduate, Ankara University, Eczacılık Fakültesi, Turkey 2014 - 2019

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2012 - 2014

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, IUTOX Risk Assessment Summer School, Türk Toksikoloji Derneği, 2022

Dissertations

Postgraduate, Komet Yöntemi ile 3T3 Hücre Hattında Pozitif Kontrollerin in vitro Karşılaştırılması ve Optimizasyonu, Ankara University, Sağlık Bilimleri Enstitüsü, 2022

Research Areas

Health Sciences

Academic Titles / Tasks

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of concentrations and exposure durations of commonly used positive controls in the in vitro alkaline comet assay**
İpek Tekneci S., Üstündağ A., Duydu Y.
TOXICOLOGY RESEARCH, vol.13, no.6, pp.1-7, 2024 (SCI-Expanded)
- II. **Design of Polymeric Nanoparticles for Theranostic Delivery of Capsaicin as Anti-Cancer Drug and Fluorescent Nitrogen-Doped Graphene Quantum Dots**
KÜÇÜKTÜRKMEN B., ÖZ U. C., ER E., Gomez I. J., İPEK TEKNECİ S., Esim O., Ozkose U. U., Gulyuz S., ÜSTÜNDAĞ A., Yilmaz O., et al.
MACROMOLECULAR BIOSCIENCE, vol.24, no.9, 2024 (SCI-Expanded)
- III. **Analytical studies on some pesticides with antifungal effects: Simultaneous determination by HPLC, investigation of interactions with DNA and DNA damages**
Barut B. B., Erkmen C., İpek S., Yıldırım S., Üstündağ A., Uslu B.
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.1229, 2023 (SCI-Expanded)
- IV. **Three-dimensional (3D) cell culture studies: a review of the field of toxicology**
İPEK S., ÜSTÜNDAĞ A., Can Eke B.
DRUG AND CHEMICAL TOXICOLOGY, vol.46, no.3, pp.523-533, 2023 (SCI-Expanded)
- V. **Cytotoxicity, genotoxicity, oxidative stress, apoptosis, and cell cycle arrest in human Sertoli cells exposed to boric acid**
YILMAZ SARIALTIN S., ÜSTÜNDAĞ A., Mhlanga Chinheya R., İPEK S., DUYDU Y.
Journal of Trace Elements in Medicine and Biology, vol.70, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **DETERMINATION OF DNA DAMAGE INDUCED BY BISPHENOL A AND BISPHENOL S IN MCF7 CELL LINE**
Erdoğan E., İpek Tekneci S., Gümüşel B., Duydu Y., Üstündağ A.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.48, no.2, pp.552-558, 2024 (Scopus)
- II. **Evaluation of the Cytotoxic Effect of Bisphenol A and Its Analogs in MCF-7 and HSeC Cell Lines in vitro**
İPEK S., İYİGÜNDOĞDU İ., ÜSTÜNDAĞ A., Duydu Y.
FABAD Journal of Pharmaceutical Sciences, vol.47, no.1, pp.13-22, 2022 (Scopus)
- III. **In vitro investigation of the cytotoxic, apoptotic and genotoxic effects of pulp capping materials on L929 mouse fibroblast cells**
Chinheya R. M., Yilmaz M., ÜSTÜNDAĞ A., İPEK S., DUYDU Y., Aydın C.
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.5, pp.616-625, 2021 (ESCI)

Books & Book Chapters

- I. **Alkali Komet Testinde Pozitif Kontrol Olarak Kullanılan Kimyasalların DNA Hasarını İndükleyici Potansiyellerinin Karşılaştırılması**
İpek Tekneci S., Üstündağ A.
in: Eczacılıkta Yenilikler 4, Prof. Dr. Asuman Bozkır, Prof. Dr. İlkyay Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.571-589, 2023
- II. **Aspartam Ne Kadar Güvenli?**
İpek Tekneci S., Duydu Y.
in: Eczacılıkta Yenilikler 4, Prof. Dr. Asuman Bozkır, Prof. Dr. İlkyay Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.589-603, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Assessing DNA repair capacity of hydrogen peroxide-induced oxidative damage using in vitro comet assay in 3T3 cells**
İpek Tekneci S., Üstündağ A., Duydu Y.
52nd EEMGS & 15th ICAW Meeting, Zagreb, Croatia, 23 - 27 September 2024, pp.137
- II. **DNA REPAIR CAPACITY IN RESPONSE TO HYDROGEN PEROXIDE-INDUCED OXIDATIVE DNA DAMAGE IN 3T3 CELL LINE**
İpek Tekneci S., İmer A., Üstündağ A., Duydu Y.
14th International Symposium on Pharmaceutical Sciences , Ankara, Turkey, 25 - 28 June 2024, pp.310
- III. **INVESTIGATION OF THE DNA DAMAGE-INDUCING PROPERTIES OF BPA, BPS, AND BPZ ON MCF-7 CELL LINE**
Erdoğan E., İpek Tekneci S., Koçer Gümüşel B., Duydu Y., Üstündağ A.
14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024, pp.307
- IV. **THE SURVIVAL RATE OF ISOLATED LYMPHOCYTES UNDER DIFFERENT STORAGE CONDITIONS**
Kerimoğlu S., İpek Tekneci S., Üstündağ A., Duydu Y.
14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024, pp.311
- V. **In Vitro Comparison of the Potential DNA Damage Effects of H₂O₂ and Etoposide for 30 and 60 Minutes Exposures With The Comet Assay**
İpek Tekneci S., Üstündağ A., Duydu Y.
11th INTERNATIONAL CONGRESS OF THE TURKISH SOCIETY OF TOXICOLOGY, Antalya, Turkey, 02 November 2022, pp.121-122
- VI. **INVESTIGATION OF THE CYTOTOXICITY OF BISPHENOL A AND ITS ANALOGS (BPS, BPF, BPAF, BPZ) IN MCF-7 AND HSeC CELL LINES**
Erdoğan E., İpek Tekneci S., İyigünoğdu İ., Üstündağ A., Duydu Y.
13th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, pp.212-213
- VII. **CYTOTOXIC AND GENOTOXIC EFFECTS OF ALUMINUM COMPOUNDS IN ANTIPERSPIRANTS IN VITRO**
İpek Tekneci S., Cebe G., Üstündağ A., Duydu Y.
13th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, pp.217

Supported Projects

İpek Tekneci S., TUBITAK Project, Bir Yapay Tatlandırıcı Olan Aspartamın V79 Hücre Hattı Üzerinde Sitotoksik Etkisinin in vitro Araştırılması", 2024 - 2024

Üstündağ A., Duydu Y., Üstündağ Ö., Yılmaz Sarıaltın S., İpek S., Project Supported by Other Official Institutions, Aspartam ve parçalanma ürünlerinin in-vitro koşullarda sitotoksik, mutajenik, genotoksik ve apoptotik etkilerinin Benchmark Dose yaklaşımı kullanılarak kantitatif olarak değerlendirilmesi, 2022 - 2024

Üstündağ A., İPEK S., Project Supported by Other Official Institutions, Komet Yöntemi ile 3T3 Hücre Hattında Pozitif Kontrollerin in vitro Karşılaştırılması ve Optimizasyonu, 2022 - 2023

Scientific Research / Working Group Memberships

Türk Toksikoloji Derneği , Ankara University, Turkey, <https://www.turktox.org.tr/>, 2022 - Continues

Metrics

Publication: 17

Citation (WoS): 7

Citation (Scopus): 13

H-Index (WoS): 2

H-Index (Scopus): 2

Congress and Symposium Activities

52nd Congress of the European Environmental Mutagenesis and Genomics Society (EEMGS), Attendee, Zagreb, Croatia, 2024

International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2024

International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2021