

Asst. Prof. ÖZGE KÖSE

Personal Information

Email: ozge.kose@lokmanhekim.edu.tr

Web: <https://avesis.lokmanhekim.edu.tr/ozge.kose>

International Researcher IDs

ScholarID: LleM35cAAAAJ

ORCID: 0000-0002-1463-6734

Publons / Web Of Science ResearcherID: AAZ-5654-2021

ScopusID: 57193452082

Yoksis Researcher ID: 341720

Education Information

Post Doctorate, Universite Grenoble 1, France 2021 - Continues

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), Turkey 2015 - 2019

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (Yl) (Tezli), Turkey 2011 - 2013

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2007 - 2011

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Bisfenol A ve türevlerinin toksisitelerinin insan prostat normal hücre hattında değerlendirilmesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), 2019

Postgraduate, Bazı erik ve kiraz genotiplerinin SSRs (Simple Sequence Repeats)'a dayalı genetik karakterizasyonu, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (Yl) (Tezli), 2013

Research Areas

Health Sciences

Courses

Gıdalarda Bulunan Çevresel Kirleticiler-Pestisitler, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

1. Putative adverse outcome pathways for silver nanoparticle toxicity on mammalian male reproductive system: a literature review

KÖSE Ö., Mantecca P., Costa A., Carrière M.

Particle and Fibre Toxicology, vol.20, no.1, 2023 (SCI-Expanded)

- II. **Data-Driven Quantitative Intrinsic Hazard Criteria for Nanoproduct Development in a Safe-by-Design Paradigm: A Case Study of Silver Nanoforms**
Furxhi I., Bengalli R., Motta G., Mantecca P., KÖSE Ö., Carriere M., Haq E. U., O'Mahony C., Blosi M., Gardini D., et al.
ACS Applied Nano Materials, vol.6, no.5, pp.3948-3962, 2023 (SCI-Expanded)
- III. **Physicochemical Transformations of Silver Nanoparticles in the Oro-Gastrointestinal Tract Mildly Affect Their Toxicity to Intestinal Cells In Vitro: An AOP-Oriented Testing Approach**
KÖSE Ö., Béal D., Motellier S., Pelissier N., Collin-Faure V., Blosi M., Bengalli R., Costa A., Furxhi I., Mantecca P., et al.
Toxics, vol.11, no.3, 2023 (SCI-Expanded)
- IV. **Graphene oxide incorporating carbon fibre-reinforced composites submitted to simultaneous impact and fire: Physicochemical characterisation and toxicology of the by-products**
Chapple R., Chivas-Joly C., Kose Ö., Erskine E. L., Ferry L., Lopez-Cuesta J., Kandola B. K., Forest V.
Journal of Hazardous Materials, vol.424, 2022 (SCI-Expanded)
- V. **Short Preirradiation of TiO₂ Nanoparticles Increases Cytotoxicity on Human Lung Coculture System**
Kose Ö., Tomatis M., Turci F., Belblidia N., Hocheplid J., Pourchez J., Forest V.
Chemical Research in Toxicology, vol.34, no.3, pp.733-742, 2021 (SCI-Expanded)
- VI. **Influence of the physicochemical features of TiO₂ nanoparticles on the formation of a protein corona and impact on cytotoxicity**
Kose Ö., Stalet M., Leclerc L., Forest V.
RSC Advances, vol.10, no.72, pp.43950-43959, 2020 (SCI-Expanded)
- VII. **Impact of the Physicochemical Features of TiO₂ Nanoparticles on Their in Vitro Toxicity**
Kose Ö., Tomatis M., Leclerc L., Belblidia N., Hocheplid J., Turci F., Pourchez J., Forest V.
Chemical Research in Toxicology, vol.33, no.9, pp.2324-2337, 2020 (SCI-Expanded)
- VIII. **The effects of different bisphenol derivatives on oxidative stress, DNA damage and DNA repair in RWPE-1 cells: A comparative study**
Kose O., Rachidi W., Beal D., Erkekoglu P., Fayyad-Kazan H., GÜMÜŞEL B.
Journal of Applied Toxicology, vol.40, no.5, pp.643-654, 2020 (SCI-Expanded)
- IX. **Antioxidants and selenocompounds inhibit 3,5-dimethylaminophenol toxicity to human urothelial cells**
Erkekoglu P., Chao M., Tseng C., Engelward B. P., Kose Ö., GÜMÜŞEL B., Wogan G. N., Tannenbaum S. R.
Arhiv za Higijenu Rada i Toksikologiju, vol.70, no.1, pp.18-29, 2019 (SCI-Expanded)
- X. **Evaluation of skin irritation potentials of different cosmetic products in Turkish market by reconstructed human epidermis model**
Kose Ö., ERKEKOĞLU Ü. P., SABUNCUOĞLU S., Kocer-Gumusel B.
Regulatory Toxicology and Pharmacology, vol.98, pp.268-273, 2018 (SCI-Expanded)
- XI. **Traditional and alternative methods for the evaluation of eye irritation potential of cosmetic products Kozmetik ürünlerin göz irritasyon potansiyellerinin değerlendirilmesinde geleneksel ve alternatif yöntemler**
Köse Ö., ERKEKOĞLU Ü. P., SABUNCUOĞLU S., GÜMÜŞEL B.
Marmara Pharmaceutical Journal, vol.21, no.2, pp.190-201, 2017 (SCI-Expanded)
- XII. **Phototoxic effect of cosmetic products: Its mechanism and alternative test methods Kozmetik Ürünlerin fototoksik etkileri: Mekanizması ve alternatif test metotları**
Köse Ö., Erkekoglu P., Sabuncuoğlu S., GÜMÜŞEL B.
Marmara Pharmaceutical Journal, vol.21, no.2, pp.202-210, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Kozmetovijilans: Avrupa ve Türkiye'deki Güncel Durumu, Uygulamaları ve Kozmetovijilans Anketleri**
Köse Ö., SABUNCUOĞLU S., ERKEKOĞLU Ü. P., GÜMÜŞEL B.

Fabad Journal of Pharmaceutical Sciences, vol.43, no.1, pp.79-90, 2018 (Scopus)

- II. **The mutagenic potential of 3,5-dimethylaminophenol in bacterial and mammalian cells**
ERKEKOĞLU Ü. P., Chao M., Kose Ö., SABUNCUOĞLU S., GÜMÜŞEL B.

Fabad Journal of Pharmaceutical Sciences, vol.42, no.2, pp.87-93, 2017 (Scopus)

- III. **The methods for evaluation of skin irritation/corrosion potentials Kozmetiklerin deri irritasyon/korozyon potansiyellerinin değerlendirilmesi için yöntemler**
Köse Ö., SABUNCUOĞLU S., ERKEKOĞLU Ü. P., GÜMÜŞEL B.

Hacettepe University Journal of the Faculty of Pharmacy, vol.36, no.2, pp.150-169, 2016 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effects Of Different Bisphenol Derivatives On Oxidative Stress, DNA Damage And DNA Repair In RWPE-1 Cells: A Comparative Study**
KÖSE Ö., Rachidi W., Beal D., ERKEKOĞLU Ü. P., Fayyad-Kazan H., GÜMÜŞEL B.
13th international Symposium on Pharmaceutical Sciences ISOPS_13, Turkey, 22 - 25 June 2021
- II. **Impact of the physicochemical features of TiO2 nanoparticles on their in vitro toxicity**
KÖSE Ö., Tomatis M., Leclerc L., Belblidia N., Hocheplid J., Turci F., Pourchez J., Forest V.
IRC 2020 XIV. International Conference on Nanotoxicology and Toxicity of Nanomaterials, ICNTN 2020;, Amsterdam, Netherlands, 20 January 2020
- III. **Influence of the pre-irradiated TiO2 nanoparticles on their in vitro toxicity**
KÖSE Ö., Leclerc L., Pourchez J., Forest V.
University of Turin, Department of Chemistry, Torino, Italy, 19 November 2019
- IV. **Impact of physicochemical features of TiO2 nanoparticles on their in vitro toxicity**
KÖSE Ö., Leclerc L., Pourchez J., Forest V.
Healthcare 4.0 : nouvelles avancées en ingénierie pour la santé, France, 15 October 2019
- V. **Impact of the physicochemical features of TiO2 nanoparticles on their in vitro toxicity**
KÖSE Ö., Leclerc L., Pourchez J., Forest V.
Sozlu sunum, Torino, Italy, 14 October 2019
- VI. **In Vitro Toxicity of TiO2 Nanoparticles on human lung cells**
KÖSE Ö., Leclerc L., Pourchez J., Forest V.
Scientific Day 2019 Doctoral School Sciences Engineering and Health, France, 13 June 2019
- VII. **Kozmetik Ürünlerde Uygulanan Alternatif Deri İrritasyon Testleri**
KÖSE Ö., ERKEKOĞLU Ü. P., SABUNCUOĞLU S., GÜMÜŞEL B.
3. Uluslararası Ilac ve Eczacılık Kongresi, Turkey, 26 - 29 April 2017
- VIII. **Saç Ürünlerinin Deri İrritasyonu Yapıcı Etkilerinin Alternatif Yöntemlerle Karşılaştırmalı Olarak Değerlendirilmesi**
KÖSE Ö., SABUNCUOĞLU S., ERKEKOĞLU Ü. P., GÜMÜŞEL B.
7. Kozmetik Kimyasi Üretimi ve Standardizasyonu Kongresi, Turkey, 24 - 26 February 2017

Metrics

Publication: 23

Citation (WoS): 39

Citation (Scopus): 121

H-Index (WoS): 4

H-Index (Scopus): 6

Scholarships

French Government Scholarship, Official Institutions of Foreign Countries, 2016 - 2017

Awards

Köse Ö., Best oral presentation award, Icntn 2020: Xiv. International Conference On Nanotoxicology And Toxicity Of Nanomaterials Amsterdam, January 2020

Köse Ö., Third best poster award, Scientific Day 2019 Doctoral School Science Engineering And Health, June 2019