

Res. Asst. Şefika Nur DEMİR

Personal Information

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International Researcher IDs

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Education

Undergraduate, Canakkale Onsekiz Mart University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, Turkey 2017 - 2022

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Deney Hayvanları Kullanım Sertifikası Eğitim Programı – XXIII (Fare, Rat ve Tavşan için) , Continuing Education Application and Research Center, 2025

Vocational Training, V. Uygulamalı Hücre Kültürü Eğitimi, Continuing Education Application and Research Center, 2024

Research Areas

Ecotoxicology, Cytogenetic

Academic Positions

Research Assistant, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2024 - Continues

Courses

Undergraduate

Methods in Molecular Biology I Laboratory, Undergraduate, 2024 - 2025

Basic Genetics Laboratory, Undergraduate, 2024 - 2025

Genetics Engineering Laboratory, Undergraduate, 2024 - 2025

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Genotoxic and cytotoxic effects of polystyrene nanoplastics on human lymphocytes: A comprehensive analysis**
Berber A. A., Akıncı Kenanoğlu N., Nur Demir Ş. N., Aksoy H.
Mutation Research - Genetic Toxicology and Environmental Mutagenesis, vol.902, 2025 (SCI-Expanded)
- II. **Deciphering the genotoxic and cytotoxic properties of teicoplanin: a combined laboratory and computational investigation**
BERBER A. A., ALIRAVCI I. D., AKINCI KENANOĞLU N., DEMİR Ş. N.
Drug and Chemical Toxicology, 2025 (SCI-Expanded)

Articles Published in Other Journals

- I. **Potential Health Risks of Chloroacetanilide Herbicides: An In Silico Analysis**
Berber A. A., Demir Ş. N., Kenanoğlu N. A.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.27, no.4, pp.865-871, 2023 (Peer-Reviewed Journal)

Books

- I. **PREDICTIVE TOXICOLOGY OF IPFENCARBAZONE: A MULTI-TOOL APPROACH FOR RISK ASSESSMENT**
Berber A. A., Demir Ş. N., Öztürk S.
in: Academic Research and Reviews in Agriculture, Forestry and Aquaculture Sciences , Prof. Ali Musa Bozdoğan, Prof. Nigar Yarpuz Bozdoğan, Editor, Platanus Publishing, Ankara, pp.167-179, 2023
- II. **IN SILICO GENOTOXIC AND CARCINOGENIC POTENTIAL ASSESSMENT OF PRYNACHLOR AND PROPISOCHLOR HERBICIDES**
Demir Ş. N., Berber A. A.
in: INTERNATIONAL STUDIES IN SCIENCE AND MATHEMATICS, PROF. DR. HASAN AKGÜL, PROF. DR. HAYRI BABA, ASSOC. PROF. DR. NESLIHAN İYİT, Editor, Serüven Yayınevi, Ankara, pp.37-46, 2023

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **THE EXAMINATION OF THE ECO-GENOTOXIC EFFECTS OF PESTICIDES ON DAPHNIA MAGNA**
Akıncı Kenanoğlu N., Demir Ş. N., Öztürk S., Berber A. A.
ISPEC 13th INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCES and RURAL DEVELOPMENT , Uşak, Turkey, 28 - 29 November 2023, pp.150-151, (Summary Text)
- II. **Determination of Cefazolin Genotoxicity in Human Lymphocytes by Micronucleus Test**
Berber A. A., Demir Ş. N., Akıncı Kenanoğlu N., Uysal İ.
IV. INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Comrat, Moldova, 17 - 19 November 2023, pp.112, (Summary Text)
- III. **In silico Evaluation of Caspofungin Genotoxicity**
Demir Ş. N., Akıncı Kenanoğlu N., Berber A. A.
5th International Hasankeyf Scientific Research and Innovation Congress, Batman, Turkey, 5 - 06 August 2023, pp.143-144, (Summary Text)
- IV. **Evaluation of Amikacin Genotoxicity by Allium Test**
Akıncı Kenanoğlu N., Demir Ş. N., Berber A. A.
5th International Hasankeyf Scientific Research and Innovation Congress, Batman, Turkey, 5 - 06 August 2023, pp.145-146, (Summary Text)

Funded Projects

Berber A. A., Uysal İ., Akıncı Kenanoğlu N., Demir Ş. N., Project Supported by Higher Education Institutions, In vitro evaluation of the genotoxic and cytotoxic effects of cephalosporin type antibiotics Ceftazidime and Cefazolin on human lymphocytes, 2023 - 2025

Metrics

Publication: 9