

Assoc. Prof. AHMET ALİ BERBER

Personal Information

Office Phone: [+90 286 218 0016](tel:+902862180016)

Fax Phone: [+90 286 212 8824](tel:+902862128824)

Email: aberber@comu.edu.tr

Web: <https://avesis.comu.edu.tr/aberber>

International Researcher IDs

ORCID: 0000-0002-2036-6929

Yoksis Researcher ID: 136399

Education Information

Doctorate, Sakarya University, Institute Of Science, Biyoloji Abd, Turkey 2008 - 2013

Postgraduate, Sakarya University, Institute Of Science, Biyoloji Abd, Turkey 2006 - 2008

Undergraduate, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 2001 - 2005

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Statin Grubu Kolesterol İlaçlarından Rosuvastatin'in Genotoksitesitesi , Sakarya University, Fbe, Biyoloji Abd, 2013

Postgraduate, Batı Samanlı Dağları Neuroptera (Insecta) Faunası, Sakarya University, Fen Bilimleri Enstitüsü, Biyoloji, 2008

Research Areas

Life Sciences, Molecular Biology and Genetics, Cytogenetic, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler, 2018 - 2021

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler, 2016 - 2018

Research Assistant PhD, Sakarya University, Faculty Of Arts And Sciences, Department Of Biology, 2013 - 2016

Research Assistant, Sakarya University, Faculty Of Arts And Sciences, Department Of Biology, 2006 - 2013

Courses

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genotoxicity evaluation of a new phthalazine substituted beta-lactam derivative in human lymphocytes**
Aygun B., BERBER A. A., DOĞANCI M. A., BERBER N., Sen S., Yildiz E., AKSOY H.
ANAIŞ DA ACADEMIA BRASILEIRA DE CIENCIAS, vol.94, no.1, 2022 (SCI-Expanded)
- II. **POLYSTYRENE NANOPLASTICS TRIGGER TOXICITY ON TWO DIFFERENT AQUATIC ORGANISMS (BRACHIONUS PLICATILIS, DAPHNIA MAGNA)**
BERBER A. A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.8, pp.6146-6152, 2019 (SCI-Expanded)
- III. **TOXICOLOGICAL EFFECT OF POLYETHYLENE MICROSPHERE ON BRACHIONUS PLICATILIS AND DAPHNIA MAGNA**
BERBER A. A., YURTSEVER M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.7, pp.4973-4979, 2018 (SCI-Expanded)
- IV. **CYTOTOXIC AND GENOTOXIC EVALUATION OF SOME NEWLY SYNTHESIZED SULFONAMIDE DERIVATIVES**
ŞEN S., BERBER A. A., Demirci T., ARSLAN M., AKSOY H.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.3, pp.2245-2252, 2017 (SCI-Expanded)
- V. **Karyological study on 12 Centaurea (Asteraceae) species from Turkey**
Aksoy H., Berber A. A., ÇELİK S., Baser B., Karaveliogullari F. A.
CARYOLOGIA, vol.69, no.4, pp.285-294, 2016 (SCI-Expanded)
- VI. **Genotoxicity evaluation of HMG CoA reductase inhibitor rosuvastatin**
Berber A. A., Celik M., Aksoy H.
DRUG AND CHEMICAL TOXICOLOGY, vol.37, no.3, pp.316-321, 2014 (SCI-Expanded)
- VII. **In vitro genotoxic effects of ZnO nanomaterials in human peripheral lymphocytes**
Gumus D., Berber A. A., Ada K., Aksoy H.
CYTOTECHNOLOGY, vol.66, no.2, pp.317-325, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of the Antigenotoxic Effect of Quercetin Against Antiepileptic Drug Genotoxicity by Comet Analysis**
Canbolat F., Akıncı Kenanoğlu N., Yüksel T. N., Berber A. A.
Sakarya University Journal of Science, vol.27, pp.1185-1196, 2023 (Peer-Reviewed Journal)
- II. **Evaluation of Cytotoxic and Genotoxic Effects of Saxagliptin**
BERBER A. A., BERBER N., UYSAL İ., AKINCI KENANOĞLU N.
International Journal Of Advanced Research, vol.10, no.6, pp.216-222, 2022 (Scopus)
- III. **Genotoxic evaluation of polystyrene microplastic**
Berber A. A.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.23, no.3, pp.358-367, 2019 (Peer-Reviewed Journal)
- IV. **Genoprotective Potential of Total Anthocyanin Extracted from Prunus avium**
BERBER A. A., SÖNMEZ F., BERBER N., DEMİR T., MERVE AYŞE d., BETÜL a., AKSOY H.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.6, pp.1201-1209, 2017 (Peer-Reviewed Journal)
- V. **A Rare Species Record For Turkey Sisyrn nigr Insecta Neuroptera Sisyridae**
BERBER A. A., CANBULAT S.
Sakarya Üniversitesi Fen Edebiyat Dergisi, vol.11, no.1, pp.21-26, 2009 (Peer-Reviewed Journal)

- VI. **Sialis morio Klingstedt 1932 Second Record to Turkish Fauna Megaloptera Sialidae with some Ecological Notes**
CANBULAT S., BERBER A. A.
Sakarya Universitesi Fen edebiyat dergisi, vol.8, no.2, pp.49-52, 2006 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Sideritis trojana Ekstraktlarının İnsan Lenfositlerinde Genoprotektif Etkisi**
BERBER A. A.
5th EUROPEAN CONFERENCE ON SCIENCE ART CULTURE, Ankara, Turkey, 28 - 29 September 2019
- II. **Invisible danger Nanoplastics**
BERBER A. A., BERBER N.
1st International Symposium on Biodiversity Research, Çanakkale, Turkey, 2 - 04 May 2019
- III. **Development of Environmentally Friendly Insulation Material**
BERBER N., BERBER A. A.
1st International Symposium on Biodiversity Research, 2 - 04 May 2019
- IV. **HASTALARIN EĞİTİM SEVİYELERİ İLE HİZMET ALMA EĞİLİMLERİ ARASINDAKİ İLİŞKİ**
TEMEL K., UYSAL İ., BERBER A. A., SEVİNÇ E.
Uluslararası Tarım, Çevre ve Sağlık kongresi, Aydın, Turkey, 26 - 28 October 2018
- V. **Polistren nanokürelerinin Brachionus plicatilis üzerinde akut toksikolojik etkisi**
BERBER A. A., UYSAL İ., TEMEL K., AKSOY H.
International Congress of Agriculture, Environment and Health, Aydın, Turkey, 26 - 27 October 2018
- VI. **Polistren Nanoplastiklerinin Daphnia magna Üzerinde Genotoksik Etkisi**
BERBER A. A.
International Congress of Agriculture, Environment and Health, 25 - 27 October 2018
- VII. **Hastaların Eğitim Seviyeleri İle Hizmet Alma Eğilimleri Arasındaki İlişki**
TEMEL K., UYSAL İ., BERBER A. A., SEVİNÇ E.
International Congress of Agriculture, Environment and Health, Aydın, Turkey, 25 - 27 October 2018
- VIII. **Üniversite öğrencileri arasında hipertansiyon sıklığının değerlendirilmesi**
UYSAL İ., TEMEL K., SEVİNÇ E., BERBER A. A., OKDEMİR M.
International Congress of Agriculture, Environment and Health, Aydın, Turkey, 25 - 27 October 2018
- IX. **Karbonik Anhidraz İnhibitörü Olan ve Fitalazin İçerikli Yeni Sentezlenen β -Laktam Türevinin Genotoksitesinin in vitro Mikronukleus Testi ile Belirlenmesi**
BETÜL A., BERBER A. A., BERBER N., ŞEN S., MERVE AYŞE D., AKSOY H.
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018
- X. **Yeni Sentezlenen Barbitürat Türevinin Kromozomal Anormallik Testi İle Genotoksik Potansiyelinin Belirlenmesi**
MERVE AYŞE D., BERBER A. A., DEMİRCİ T., BETÜL A., AKSOY H.
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018
- XI. **Yeni Sentezlenen Barbitürat Türevinin Genotoksik Potansiyelinin MN Testi ile Değerlendirilmesi**
MERVE AYŞE D., BERBER A. A., ARSLAN M., BETÜL A., ZENGİN M., AKSOY H.
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018
- XII. **Acute toxicologic effect of polyethylene microsphere on Brachionus plicatilis**
BERBER A. A., YURTSEVER M., ELİF ÖZLEM K., BERBER N., AKSOY H.
XIII. Congress of Ecology and Environment with International Participation, Edirne, Turkey, 12 - 15 September 2017
- XIII. **Genotoxic effect of Polystyrene microsphere on Neocaridna sp. (Decapoda: Caridea).**
BERBER A. A., YURTSEVER M., ELİF ÖZLEM K., BERBER N., AKSOY H.
XIII. Congress of Ecology and Environment with International Participation, Edirne, Turkey, 12 - 15 September 2017

- XIV. **Acut Toxicologic Effect of Polyethylene Microsphere on *Brachionus plicatilis***
BERBER A. A., YURTSEVER M., KIRKAN E. Ö., BERBER N., AKSOY H.
XIII. Congress of Ecology and Environment with International Participation-UKECEK 2017, 12 - 15 September 2017
- XV. **Genotoxic Effect of Polystyrene Microsphere on *Neocaridina* sp.(Decapoda: Caridea)**
BERBER A. A., YURTSEVER M., KIRKAN E. Ö., BERBER N., AKSOY H.
XIII. Congress of Ecology and Environment with International Participation-UKECEK 2017, 12 - 15 September 2017
- XVI. **Antioxidant Activities Of Total Anthocyanins Extracted From Sweet Cherry Cultivars**
SÖNMEZ F., GÜNEŞLİ Z., BERBER A. A., BERBER N., DEMİR T.
3rd International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 09 May 2017
- XVII. **Osmylidae Türlerinin (Insecta, Neuroptera) Taksonomik ve Faunistik Durumları**
CANBULAT S., KIYAK S., BERBER A. A.
IX. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- XVIII. **New Phthalazine Urea as Carbonic Anhydrase Inhibitors**
BERBER N., BERBER A. A., GENÇER N., ARSLAN M.
ICENS 2017, 3 - 07 May 2017
- XIX. **Effects of antochyanins extracted from *Prunus avium* on DNA damage**
BERBER A. A., BERBER N., MERVE AYŞE d., DEMİR T., SÖNMEZ F., AKSOY H.
3rd International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017
- XX. **DNA Damage Evaluation of Polyethylene Microspheres in *Daphnia Magna***
BERBER A. A., KIRKAN E. Ö., YURTSEVER M., BERBER N., AKSOY H.
MICRO 2016, International Conference Fate and Impact of Microplastic in Marine Ecosystem, 25 - 27 May 2016
- XXI. **DNA damage evaluation of Polyethylene microspheres in *Daphnia magna***
BERBER A. A., YURTSEVER M., ELİF ÖZLEM K., NURCAN B., AKSOY H.
micro2016, 25 - 27 May 2016
- XXII. **Genotoxic Evaluation Of Sulfonamide Derivatives As Carbonic Anhydrase I And II Inhibitor On Mn Frequency in vitro**
AKSOY H., ŞEN S., BERBER A. A., DEMİRCİ T., ARSLAN M.
International conference on Science, Ecology and Technology I, Vienna, Austria, 25 - 28 August 2015, pp.56
- XXIII. **Antigenotoxic Effects of Sweet Cherry (*Prunus avium*) Extract in Human Peripheral Lymphocytes in vitro**
BERBER A. A., SÖNMEZ F., DEMİR T., NURCAN B., AKSOY H.
International conference on Science, Ecology and Technology I, Vienna, Austria, 25 - 28 August 2015, pp.67
- XXIV. **Antigenotoxic Effects of Sweet Cherry (*Prunus avium*) Extract in Human Peripheral Lymphocytes in vitro**
BERBER A. A., SÖNMEZ F., DEMİR T., BERBER N., GÜZEL N., AYĞÜN b., AKSOY H.
The International Conference On Science, Ecology And Technology I(Iconsete'2015 – Vienna), 25 - 28 August 2015
- XXV. **Assessment of Genotoxic and Antigenotoxic Effects of *Prunus Avium* Extract**
BERBER A. A., SÖNMEZ F., DEMİR T., BERBER N., GÜZEL N., BETÜL a., AKSOY H.
14th International Nutrition Diagnostics Conference, Prag, Czech Republic, 2 - 05 September 2014
- XXVI. **In vitro genotoxicity assesment of newly synthesized saccharin substituted urea derivative as hCA I and hCA II inhibitors**
SÖNMEZ F., BERBER A. A., AKSOY H., KÜÇÜKİSLAMOĞLU M.
6th Medication Safety, Abu Dhabi, United Arab Emirates, 22 - 24 November 2013
- XXVII. **In vitro genotoxicity evaluation of newly synthesized phthalazine substituted thiourea derivative as hCA I and hCA II inhibitors**
SÖNMEZ F., BERBER A. A., AKSOY H., KÜÇÜKİSLAMOĞLU M.
6th Medication Safety, Abu Dhabi, United Arab Emirates, 22 - 24 November 2013
- XXVIII. **In Vitro Genotoxicity Evaluation of Newly Synthesized Phthalazine Substituted Thiourea Derivative as hCA I and hCA II Inhibitors**
BERBER N., BERBER A. A., AKSOY H., ARSLAN M.
6th Medication Safety Conference 2013, 22 - 24 November 2013

- XXIX. **The Effect of Rosuvastatin on The Micronucleus Frequency in vitro**
BERBER A. A., AKSOY H., ÇELİK M.
42. European Environmental Mutagen Society Annual Meeting, 16 - 20 September 2012
- XXX. **Statin Grubu İlaçlardan Rosuvastatin'in İnsan Periferik Lenfositlerinde in vitro Genotoksitesisi**
BERBER A. A., AKSOY H., ÇELİK M.
XXI. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012
- XXXI. **Karyotype Analysis in Two Endemic Species of *Centaurea* L. (Asteraceae) Section *Cynaroides* from Turkey**
AKSOY H., BERBER A. A.
VI. International Symposium on Ecology and Environmental Problems, 17 - 20 November 2011
- XXXII. **A Cytological Study on Two Species of *Centaurea* L. (Asteraceae) Section *Phaeopappus* from Turkey**
BERBER A. A., AKSOY H.
VI. International Symposium on Ecology and Environmental Problems, 17 - 20 November 2011
- XXXIII. ***Dichochrysa* (Insecta, Neuroptera, Chrysopidae) Cinsine Ait Bazı Erkek Türlerin Dış Ve İç Genital Yapılarının İncelenmesi**
BERBER A. A., CANBULAT S.
XX. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- XXXIV. ***Chrysopa* (Insecta, Neuroptera, Chrysopidae) Cinsine Ait Bazı Erkek Türlerin Dış Ve İç Genital Yapılarının İncelenmesi**
BERBER A. A., CANBULAT S.
XX. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- XXXV. **Bolu İli Neuroptera (Insecta) Faunası ve Ekolojisinin Araştırılması**
CANBULAT S., BERBER A. A.
XX. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- XXXVI. **Türkiye İçin Yeni Bir Tür Kaydı *Dichochrysa abdominalis* (Insecta, Neuroptera, Chrysopidae),**
CANBULAT S., BERBER A. A.
XX. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- XXXVII. **Türkiye İçin Yeni İki Yeni Tür Kaydı *Coniopteryx* (*Xeroconiopteryx*) *loipetsederi*, *Coniopteryx* (*Holoconiopteryx*) *borealis*, (Neuroptera, Chrysopidae)**
CANBULAT S., BERBER A. A.
XX. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- XXXVIII. **Orta Karadeniz (Çorum, Amasya) Bölgesi Neuroptera (Insecta) Takımı Üzerine Faunistik ve Ekolojik Gözlemleri**
CANBULAT S., BERBER A. A., OĞUZ M. C.
IX. Ulusal Ekoloji ve Çevre Kongresi, Nevşehir, Turkey, 7 - 10 October 2009
- XXXIX. **Samanlı Dağları Neuroptera (Insecta) Faunasının Ekolojisi**
BERBER A. A., CANBULAT S.
IX. Ulusal Ekoloji ve Çevre Kongresi, Nevşehir, Turkey, 7 - 10 October 2009
- XL. **Batı Samanlı Dağları (Geyve Boğazı Batısı) Neuroptera (Insecta) Faunası**
BERBER A. A., CANBULAT S.
IX. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- XLI. ***Lasiocampa trifolii* Yumurtalarının Dış Morfolojik Yapısı (Lepidoptera, Lasiocampidae)**
SULUDERE Z., CANBULAT S., CANDAN S., BERBER A. A.
XVII Ulusal Elektronik Mikroskopu Kongresi, Eskişehir, Turkey, 26 - 29 August 2007

Supported Projects

BERBER A. A., Project Supported by Other Official Institutions, Sakarya İlının Karasal ve İç Su Ekosistemleri Biyolojik Çeşitlilik Envanter İzleme İşi, 2016 - 2018

BERBER A. A., TUBITAK Project, Farklı Ortamlarda ve Biota'da Mikroplastik Düzeylerinin İncelenmesi ve Mikroplastiklere Farmasötik/Pestisit Adsorpsiyonunun Araştırılması, 2015 - 2018

BERBER A. A., TUBITAK Project, Kentsel Atıksu Arıtma Tesisinde ve Besin Zincirinde Mikroplastiklerin İncelenmesi ve Karakterizasyonu, 2015 - 2016

BERBER A. A., Project Supported by Other Official Institutions, İstanbul İli Doğal Sit Alanlarının Ekolojik Temelli Bilimsel Araştırılması, 2014 - 2016

BERBER A. A., Project Supported by Other Official Institutions, Uluabat Gölü ndeki Su Kirliliğine Bağlı Olarak Sazan Cyprinus carpio ve Yayın Silurus glanis Balıklarındaki Genetik Hasar Düzeyinin Belirlenmesi, 2014 - 2016

BERBER A. A., Project Supported by Other Official Institutions, Tekirdağ İli'nin Karasal ve İç Su Ekosistemleri Biyolojik Çeşitlilik Envanter ve İzleme İşi, 2014 - 2015

Metrics

Publication: 68
Citation (WoS): 20
Citation (Scopus): 130
H-Index (WoS): 4
H-Index (Scopus): 4

Non Academic Experience

Sakarya Üniversitesi