

## Res. Asst. PhD NİHAN AKINCI KENANOĞLU

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### International Researcher IDs

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### Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Fakültesi, Biyoloji, Turkey 2012 - 2019

Postgraduate, Canakkale Onsekiz Mart University, Fen Fakültesi, Biyoloji, Turkey 2009 - 2012

Undergraduate, Anadolu University, Faculty Of Business Administration, İşletme, Turkey 2005 - 2012

Undergraduate, Gazi University, Fen Fakültesi, Biyoloji, Turkey 2004 - 2008

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Education Management and Planning, Kimya ve Biyoloji Alanında Proje Hazırlama, Yazma ve Yürütme Eğitimi: Antalya 2014, TÜBİTAK BİDEB, 2014

Education Management and Planning, ODTÜ Biyoenformatik Kursu, ODTÜ, 2014

Occupational Health and Safety, Temel İş Sağlığı ve Güvenliği Eğitimi, ÇOMÜ Fen Edebiyat Fakültesi, 2014

Education Management and Planning, How To Publish a Scientific Journal Article, Springer, 2014

Health&Medicine, Temel Biyoistatistik Kursu-1, ÇOMÜ Sürekli Eğitim Merkezi, 2011

### Dissertations

Doctorate, Saccharomyces cerevisiae Maya Türünde Farklı Kromatin Modulatorlerinin NTH1 ve TPS1 Gen

Ekspresyonuna Etkilerinin Analizi, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Biyoloji, 2019

Postgraduate, Çanakkale Yöresinde Kullanılan Külsil Fungusinin İnsan Periferik Lenfositleri Üzerinde Genotoksik ve Sitotoksik Etkilerinin Değerlendirilmesi, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Biyoloji, 2012

### Research Areas

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

### Courses

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **In vitro propagation of *Silene bolanthoides* Quezel, Contandr. & Pamukc. and assessment of genetic stability by flow cytometry**  
Çördük N., Yucel G., Akıncı N., Tuna M., Esen O.  
ARCHIVES OF BIOLOGICAL SCIENCES, vol.70, no.1, pp.141-148, 2018 (SCI-Expanded)
- II. **EVALUATION OF GENOTOXICITY AND CYTOTOXICITY OF DODINE (1-dodecylguanidium acetate) BY *Allium* TEST**  
Çördük N., Akıncı N., Yucel G., Kaya N., Akı C.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, pp.4527-4531, 2015 (SCI-Expanded)
- III. **Genotoxic effects of chlorophenoxy herbicide diclofop-methyl in mice in vivo and in human lymphocytes in vitro**  
Unal F., Yuzbasioglu D., Yilmaz S., AKINCI N., Aksoy H.  
DRUG AND CHEMICAL TOXICOLOGY, vol.34, no.4, pp.390-395, 2011 (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. **Potential Health Risks of Chloroacetanilide Herbicides: An In Silico Analysis**  
Berber A. A., Demir Ş. N., Akıncı Kenanoğlu N.  
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.27, no.4, pp.865-871, 2023 (Peer-Reviewed Journal)
- III. **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)
- IV. **Effect of Amitriptyline on Serum Biochemistry of Gilthead Sea Bream (*Sparus aurata*)**  
Osman Nezih Kenanoğlu O., Akıncı Kenanoğlu N., Yılmaz S., Bilen S.  
Environmental Toxicology and Ecology, vol.2, pp.66-75, 2022 (Peer-Reviewed Journal)
- V. **The Role of SWI/SNF Chromatin Remodeling Complex in the Metabolism Of Trehalose**  
Turgut Genç T., Akıncı N.  
International Journal of Recent Scientific Research, vol.9, no.9, pp.29024-29029, 2018 (Peer-Reviewed Journal)
- VI. **Assessment of The Genetic Stability of Indirect Shoot Organogenesis-Derived Plantlets of *Digitalis Trojana* Ivanina by Flow Cytometry and Cytological Analyses**  
Çördük N., Yucel G., Akıncı N., Tuna M.  
JOURNAL OF TEKIRDAG AGRICULTURE FACULTY-TEKIRDAG ZIRAAT FAKULTESİ DERGİSİ, vol.14, no.1, pp.69-76, 2017 (ESCI)
- VII. **DODİN FUNGUSİTİNİN *Vicia faba* L. BİTKİSİNDE TOTAL PROTEİN MİKTARI VE PEROKSİDAZ AKTİVİTESİ ÜZERİNE ETKİSİ**  
Çördük N., Akıncı N., Kaya N., Yücel G., Akı C.  
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.20, no.3, pp.627-633, 2016 (Peer-Reviewed Journal)

- 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
- 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
- III. **Evaluation of Amikacin Genotoxicity by Allium Test**  
Akıncı Kenanoğlu N., Demir Ş. N., Berber A. A.  
5. International Hasankeyf Scientific Research and Innovation Congress, Batman, Turkey, 5 - 06 August 2023, pp.145-146
- IV. **Evaluation of Caspofungin Genotoxicity in silico**  
Demir Ş. N., Akıncı Kenanoğlu N., Berber A. A.  
5. International Hasankeyf Scientific Research and Innovation Congress, Batman, Turkey, 5 - 06 August 2023, pp.143-144
- V. **Genotoksosite Tahmininde Kullanılan Güncel Yöntem: in silico Metotlar**  
Akıncı Kenanoğlu N., Berber A. A.  
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.472
- VI. **In Silico Genotoxic and Carcinogenic Potential Assessment of Bilastine**  
Akıncı Kenanoğlu N., Demir Ş. N., Berber A. A.  
4th International Conference on Applied Engineering and Natural Sciences ICAENS 2022, Konya, Turkey, 10 - 13 November 2022, pp.391
- VII. **Genotoxicity evaluation of thaumatin, a natural sweetener: An in silico assessment**  
Akıncı Kenanoğlu N., Demir Ş. N., Berber A. A.  
4th International Conference on Applied Engineering and Natural Sciences ICAENS 2022, Konya, Turkey, 10 - 13 November 2022, pp.427
- VIII. **İnsan Lenfositlerinde Polistren Nanoplastiklerinin (40nm) Genotoksik Hasar Frekansına Etkileri**  
Berber A. A., Akıncı Kenanoğlu N., Uysal İ., Aksoy H.  
Mas 14th International European Conference on Mathematics, Engineering, Natural Sciences., Budapest, Hungary, 26 - 28 March 2021, pp.198-205
- IX. **The Role of SWR1 Complex on NTH1 Gene Expression in Saccharomyces cerevisiae**  
Turgut Genç T., Akıncı N.  
IV. International Congress for Applied Biological Sciences, Eskişehir, Turkey, 3 - 05 May 2018, pp.92
- X. **Effects of chromatin remodeling complexes on trehalose accumulation in yeast Saccharomyces cerevisiae**  
Turgut Genç T., Akıncı N.  
7. International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 - 27 April 2018, pp.301
- XI. **Saccharomyces cerevisiae SAGA complex is a repressor of TPS1 gene**  
Turgut Genç T., Akıncı N.  
7. International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 - 27 April 2018, pp.138
- XII. **The role of SWR1 and SWI/SNF complex on TPS1 gene expression in Saccharomyces cerevisiae**  
Turgut Genç T., Akıncı N.  
2. International Rating Academy Congress on Hope, Çanakkale, Turkey, 19 - 21 April 2018, pp.156
- XIII. **The effects of yeast chromatin remodeling factors on trehalose accumulation under osmotic stress**  
Turgut Genç T., Akıncı N.  
2. International Rating Academy Congress on Hope, Çanakkale, Turkey, 19 - 21 April 2018, pp.115
- XIV. **SNF2 has a role in transcriptional regulation of NTH1 gene in Saccharomyces cerevisiae.**  
Turgut Genç T., Akıncı N., Türkel S.  
6. International Molecular Biology and Biotechnology Congress (MOLBIOTECH), Afyonkarahisar, Turkey, 22 - 25

December 2017, pp.16

- XV. **Spt7p is essential for regulation of NTH1 gene expression in *Saccharomyces cerevisiae***  
Turgut Genç T., Akıncı N., Türkel S.  
6. International MOlecular Biology and Biotechnology, Afyonkarahisar, Turkey, 22 - 25 December 2017, vol.1, no.1, pp.79
- XVI. **The Influence of Plant Growth Regulator Concentrations on Somaclonal Variation in Regenerated Plants of *Silene bolanthoides* Quézel, Contandr. Pamukç.**  
ÇÖRDÜK N., AKINCI N., Yücel G., TUNA M.  
VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017, pp.25
- XVII. **Enhanced In Vitro Biomass Production in *Lavandula stoechas* subsp *stoechas* L.**  
AKINCI N., AKI C.  
International DNA Day and Genome Congress 2017, Kırşehir, Turkey, 24 - 28 April 2017, pp.209
- XVIII. **Nuclear DNA content and chromosome number analyses in *Silene bolanthoides* Quézel, Contandr. Pamukç., an endangered endemic species in flora of Turkey**  
Çördük N., Akıncı N., Tuna M., Esen O., Yücel G., Karabıyık F. Ç.  
International Symposium on Biodiversity and Edible Wild Species, Antalya, Turkey, 3 - 05 April 2017, pp.149
- XIX. **Genotoxic and Cytotoxic Effects of Proquinazid on Root Cells of *Allium cepa* L.**  
AKINCI N., ÇÖRDÜK N., KIPRAK R. Ö., KAYA N., AKI C.  
2nd International Conference on Advances in Environment, Agriculture&Medicinal Sciences (ICAEAM'15), Antalya, Turkey, 10 - 12 June 2015, vol.1, no.1, pp.100
- XX. **Dodin Fungusitine Karşı *Vicia faba* Bitkisinde Savunma Yanıtı**  
AKINCI N., Yücel G., ÇÖRDÜK N., KAYA N., AKI C.  
22. Ulusal Biyoloji Kongresi (Uluslararası katılımlı), Eskişehir, Turkey, 23 - 27 June 2014, pp.944
- XXI. **Genotoxic Effects of Dodine (1-Dodecylguanidium Acetate) on Root Cells of *Allium cepa***  
Çördük N., Akıncı N., Yücel G., Kaya N., AKI C.  
The Second Scientific Conference on Ecology, Plovdiv, Bulgaria, 01 November 2013, pp.68
- XXII. **Myclobutanil Fungusitinin İnsan Periferik Lenfositleri Üzerine Genotoksik Etkisinin Mikronükleus Testi ile Belirlenmesi.**  
AKINCI N., AKI C.  
21. Ulusal Biyoloji Kongresi (Uluslararası Katılımlı). Ege Üniv., Fen Fak., İzmir, Turkey, 1 - 04 September 2012, pp.899
- XXIII. ***Lycopersicon esculentum* Mill. ve *Capsicum annuum* L. Türlerinde Amino Quelant-Ca Uygulamasının Total Protein ve Peroksidaz Aktivitesi Üzerine Etkileri.**  
Polat E., AKINCI N., Çetin M., AKI C.  
XX. Ulusal Biyoloji Kongresi (Uluslararası Katılımlı), Denizli, Turkey, 1 - 04 June 2010, pp.321-322
- XXIV. ***Lycopersicon esculentum* Mill. ve *Capsicum annuum* L. Türlerinde Hüyük Asitin Total Protein ve Peroksidaz Aktivitesi Üzerine Etkileri.**  
AKINCI N., Polat E., Çetin M., AKI C.  
XX. Ulusal Biyoloji Kongresi (Uluslararası Katılımlı), Denizli, Turkey, 1 - 04 June 2010, pp.334-335
- XXV. **Genotoxic Effects Of Diclofop Methyl On Mammalian Cells In Vivo and In Vitro**  
Ünal F., Yüzbaşıoğlu D., Yılmaz S., Akıncı N., Aksoy H.  
X International Conference on Environmental Mutagens., Florence, Italy, 20 - 25 August 2009, pp.219

## Supported Projects

BERBER A. A., AKINCI KENANOĞLU N., UYSAL İ., DEMİR Ş. N., Project Supported by Higher Education Institutions, Sefalosporin türü Seftazidim ve Sefazolin antibiyotiklerinin genotoksik ve sitotoksik etkisinin insan lenfositlerinde in vitro değerlendirilmesi, 2022 - Continues

AKINCI KENANOĞLU N., BERBER A. A., UYSAL İ., AKSOY H., Project Supported by Higher Education Institutions,

Tribenuron Metil Pestisitinin İnsan Lenfositleri Üzerine Genotoksik Etkilerinin Belirlenmesi, 2021 - Continues  
ALIRAVCI I. D., AKINCI KENANOĞLU N., BERBER A. A., ERTEKİN Y. H., Project Supported by Higher Education Institutions,  
Covid19 enfekte hastalarda Genotoksik ve Sitotoksik etkinin değerlendirilmesi, 2022 - 2023  
ALIRAVCI I. D., BERBER A. A., AKINCI KENANOĞLU N., Project Supported by Higher Education Institutions, Teikoplanin  
Antibiyotiğinin İnsan Lenfositlerinde Genotoksik Ve Sitotoksik Etkisinin Değerlendirilmesi, 2022 - 2023  
Berber N., Akıncı Kenanoğlu N., Berber A. A., Uysal İ., Aksoy H., Şahutoğlu A. S., Project Supported by Higher Education  
Institutions, Yeni Sülfonamit Türevi İlaç Etken Maddelerin Sentezi ve Sitotoksik, Genotoksik Aktivitesinin  
Değerlendirilmesi, 2021 - 2023  
BERBER A. A., AKSOY H., UYSAL İ., AKINCI N., Project Supported by Higher Education Institutions, Nanoplastiklerin İnsan  
Lenfositleri Üzerinde Genotoksik Etkisinin Değerlendirilmesi, 2020 - 2021  
TURGUT GENÇ T., AKINCI N., Project Supported by Higher Education Institutions, Saccharomyces cerevisiae Maya  
Türünde Farklı Kromatin Modülatörlerinin NTH1 ve TPS1 Gen Ekspresyonuna Etkilerinin Analizi, 2018 - 2019

## Activities in Scientific Journals

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, Assistant Editor/Section Editor, 2022 - Continues

## Scientific Refereeing

Gazi Üniversitesi Fen Fakültesi Dergisi, Other Indexed Journal, October 2022

Environmental Toxicology and Ecology, Other Indexed Journal, March 2022

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, Other Indexed Journal, February 2022

## Metrics

Publication: 35

Citation (WoS): 22

Citation (Scopus): 120

H-Index (WoS): 3

H-Index (Scopus): 4