

## Asst. Prof. AHMET CEYLAN

### Personal Information

**Office Phone:** [+90 352 207 6666](tel:+903522076666) Extension: 28002

**Fax Phone:** [+90 352 437 9169](tel:+903524379169)

**Email:** [aceylan@erciyes.edu.tr](mailto:aceylan@erciyes.edu.tr)

**Other Email:** [ahmtcyl7@gmail.com](mailto:ahmtcyl7@gmail.com)

**Web:** <https://avesis.erciyes.edu.tr/aceylan/>

**Address:** Erciyes Üniversitesi Eczacılık Fakültesi Farmasötik Biyoteknoloji Anabilim Dalı 38039 Melikgazi/KAYSERİ

### International Researcher IDs

ScholarID: 9472787721206196463

ORCID: 0000-0002-3087-066X

Publons / Web Of Science ResearcherID: AAS-3095-2020

ScopusID: 56523456000

Yoksis Researcher ID: 9386

### Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji Bölümü Moleküler Biyoloji Abd, Turkey 2010 - 2017

Doctorate, University of California, Davis, College Of Biological Sciences, United States Of America 2013 - 2013

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji Bölümü Moleküler Biyoloji Abd , Turkey 2008 - 2010

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

### Dissertations

Doctorate, Plum pox virus-Türkiye İzolatlarının Tüm Genom Analizleri Ve Filogenetik İlişkilerinin Belirlenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Bölümü/ Moleküler Biyoloji, 2017

Postgraduate, Türkiye'nin Akdeniz Sahilinden Örneklenen Çeşitli Ploidi Düzeylerine Sahip Bermuda Çimi(Cynodon spp.) Türlerinde Kloroplast DNA Polimorfizminin Belirlenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Moleküler Biyoloji , 2010

### Research Areas

Pharmacology and Therapeutics, Pharmaceutical Biotechnology, Genetics, Molecular, Life Sciences, Bioinformatics, Biological Databases, Biotechnology, Microbial Biotechnology, Molecular Biology and Genetics, Genetic Engineering, Genomics, Microbial Genetics, Health Sciences, Fundamental Medical Sciences

### Academic Titles / Tasks

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2018 - Continues

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - 2018

Research Assistant, Erciyes University, Fen Fakültesi, Biyoloji, 2009 - 2017

## Academic and Administrative Experience

Vice Dean, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2023 - Continues  
Erciyes University, 2023 - Continues

## Courses

Biyoteknolojiye giriş, Undergraduate, 2023 - 2024  
Biyoteknolojiye Giriş Laboratuvarı, Undergraduate, 2022 - 2023  
Viroloji, Undergraduate, 2022 - 2023  
Moleküler Kanser Biyolojisi, Undergraduate, 2022 - 2023  
Genetik Mühendisliği, Undergraduate, 2022 - 2023  
Genetik Olarak Değiştirilmiş Bitkiler ve Biyogüvenlik, Undergraduate, 2022 - 2023  
Nanotıp ve Nanobiyoteknoloji, Undergraduate, 2022 - 2023  
Farmasötik Biyoteknoloji, Undergraduate, 2022 - 2023  
Rekombinant Biyofarmasötikler, Undergraduate, 2022 - 2023  
REKOMBİNANT DNA TEKNOLOJİSİ VE BİYOTEKNOLOJİK İLAÇLAR, Undergraduate, 2021 - 2022

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

- I. **Formulation, Characterization and Evaluation of Minocycline Hydrochloride Loaded Polyurethane/Collagen Nanofibers via Electrospinning as Wound Dressings**  
Eren Böncü T., Yücel Ç., Ceylan A., Çadır M., Şahmetlioğlu E.  
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.50, no.10, pp.892-906, 2024 (SCI-Expanded)
- II. **Sustainable bio-sourced nanoemulsions: Pectin-based delivery systems for vitex essential oil and its therapeutic potentials**  
ÖZEN İ., DEMİRYÜREK O., CEYLAN A., UĞUR KAPLAN A. B., ÇETİN M., Allardyce B., Ferdowsi M. R. G., Wu P., Shirvanimoghaddam K., Naebe M.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, 2024 (SCI-Expanded)
- III. **Comparative in vitro analysis of the biological potential of Usnea florida (L.) Weber ex F.H. Wigg., Usnea intermedia (A. Massal.) Jatta, and Usnea lapponica vain and quantification of usnic acid**  
Kocakaya M., İlik G. N., İlgün S., Kocakaya Z., Şeker Karatoprak G., Ceylan A.  
INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE, vol.23, pp.530-538, 2024 (SCI-Expanded)
- IV. **TiO<sub>2</sub> and Ag NPs modified polyacrylonitrile NFs: Antimicrobial, self-cleaning and SERS sensing capabilities for protective clothing applications**  
Ceylan A., Karagoz S., Tekin S., Kayaci N., Pekdemir S., Salem S., Gokduman E. M., Demirci E., Sahmetlioglu E., Onses M. S., et al.  
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.678, 2023 (SCI-Expanded)
- V. **Mechanochemical Activation of Silicone for Large-Scale Fabrication of Anti-Biofouling Liquid-like Surfaces**  
Çelik N., Sahin F., Ruzi M., Ceylan A., Butt H., Önses M. S.  
ACS APPLIED MATERIALS & INTERFACES, vol.15, no.46, pp.54060-54072, 2023 (SCI-Expanded)
- VI. **Mechanochemical Coupling of Alkylsilanes to Nanoparticles for Solvent-Free and Rapid Fabrication of Superhydrophobic Materials**  
ÇELİK N., Sezen B., Sahin F., CEYLAN A., Ruzi M., ÖNSES M. S.  
ACS Applied Nano Materials, vol.6, no.16, pp.14921-14930, 2023 (SCI-Expanded)
- VII. **Disintegration and Machine-Learning-Assisted Identification of Bacteria on Antimicrobial and Plasmonic Ag-Cu<sub>X</sub>O Nanostructures**  
Sahin F., Camdal A., DEMİREL ŞAHİN G., CEYLAN A., Ruzi M., Onses M. S.

ACS APPLIED MATERIALS & INTERFACES, vol.15, no.9, pp.11563-11574, 2023 (SCI-Expanded)

- VIII. **Eco-friendly intracellular biosynthesis of CdS quantum dots using *Pseudomonas aeruginosa*: Evaluation of antimicrobial effects and DNA cleavage activities**  
Ocal N., Ceylan A., Duman F.  
RECENT PATENTS ON NANOTECHNOLOGY, vol.17, no.1, pp.59-67, 2023 (SCI-Expanded)
- IX. **Analyzing the Impact of *Ramalina digitellata*, *R. fastigiata*, *R. fraxinea*, and *R. polymorpha*'s Usnic Acid Concentration on Antioxidant, DNA-Protective, Antimicrobial, and Cytotoxic Properties**  
Kiliç Yayla S., Kocakaya Z., Karatoprak G., İLGÜN S., CEYLAN A.  
Chemistry and Biodiversity, vol.20, no.1, 2023 (SCI-Expanded)
- X. **Drug design of new therapeutic agents: molecular docking, molecular dynamics simulation, DFT and POM analyses of new Schiff base ligands and impact of substituents on bioactivity of their potential antifungal pharmacophore site**  
Akkoç S., Karataş H., Muhammed M. T., Kökbudak Z., Ceylan A., Almalki F., Laaroussi H., Ben Hadda T.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.14, pp.6695-6708, 2023 (SCI-Expanded)
- XI. **Machine Learning-Assisted Pesticide Detection on a Flexible Surface-Enhanced Raman Scattering Substrate Prepared by Silver Nanoparticles**  
Sahin F., ÇELİK N., Camdal A., ŞAKİR M., CEYLAN A., Ruzi M., ÖNSES M. S.  
ACS APPLIED NANO MATERIALS, vol.5, no.9, pp.13112-13122, 2022 (SCI-Expanded)
- XII. **One-step Green Fabrication of Antimicrobial Surfaces via In Situ Growth of Copper Oxide Nanoparticles**  
Sahin F., ÇELİK N., CEYLAN A., Ruzi M., ÖNSES M. S.  
ACS OMEGA, vol.7, no.30, pp.26504-26513, 2022 (SCI-Expanded)
- XIII. **Antifouling superhydrophobic surfaces with bactericidal and SERS activity**  
Sahin F., Çelik N., Ceylan A., Pekdemir S., Ruzi M., Önses M. S.  
CHEMICAL ENGINEERING JOURNAL, vol.431, 2022 (SCI-Expanded)
- XIV. **From bio-waste to biomaterials: The eggshells of Chinese oak silkworm as templates for SERS-active surfaces**  
Zang L., Chen Y., Koc-Bilican B., Bilican I., ŞAKİR M., Wait J., Çolak A., Karaduman T., CEYLAN A., Ali A., et al.  
CHEMICAL ENGINEERING JOURNAL, vol.426, 2021 (SCI-Expanded)
- XV. **Antibacterial, Antiviral, and Self-Cleaning Mats with Sensing Capabilities Based on Electrospun Nanofibers Decorated with ZnO Nanorods and Ag Nanoparticles for Protective Clothing Applications**  
Karagoz S., Burak Kiremitler N. B., Sarp G., Pekdemir S., Salem S., Goksu A., Serdar Onses M. S., Sözdutmaz İ., Sahmetlioglu E., Ozkara E. S., et al.  
ACS APPLIED MATERIALS & INTERFACES, vol.13, no.4, pp.5678-5690, 2021 (SCI-Expanded)
- XVI. **Intracellular biosynthesis of PbS quantum dots using *Pseudomonas aeruginosa* ATCC 27853: evaluation of antibacterial effects and DNA cleavage activities**  
Ocal N., CEYLAN A., DUMAN F.  
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.36, no.10, 2020 (SCI-Expanded)
- XVII. **Synthesis of Ag and TiO<sub>2</sub> modified polycaprolactone electrospun nanofibers (PCL/TiO<sub>2</sub>-Ag NFs) as a multifunctional material for SERS, photocatalysis and antibacterial applications**  
Karagoz S., KİREMİTLER N. B., ŞAKİR M., Salem S., ÖNSES M. S., Sahmetlioglu E., CEYLAN A., YILMAZ E.  
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.188, 2020 (SCI-Expanded)
- XVIII. **Genetic diversity and molecular epidemiology of the T strain of Plum pox virus**  
Teber S., Ceylan A., Gürcan K., Candresse T., Serce C. U., Akbulut M., Kaymak S., Akbas B.  
PLANT PATHOLOGY, vol.68, pp.755-763, 2019 (SCI-Expanded)
- XIX. **Strain identification and sequence variability of plum pox virus in Turkey**  
Gürcan K., Ceylan A.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, pp.746-761, 2016 (SCI-Expanded)
- XX. **Genetic diversity among the Turkish common bean cultivars (*Phaseolus vulgaris* L.) as assessed by SRAP, POGP and cpSSR markers**  
CEYLAN A., Ocal N., AKBULUT M.

- BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.54, pp.219-229, 2014 (SCI-Expanded)
- XXI. **Teloschistaceae (lichenized Ascomycetes) in Turkey II. - Some poorly known taxa. Supported by molecular data**  
HALICI M. G., Vondrak J., Demirel R., Ceylan A., Candan M.  
NOVA HEDWIGIA, vol.98, pp.449-458, 2014 (SCI-Expanded)
- XXII. **Antimicrobial Susceptibility, Presence of Resistance Genes and Biofilm Formation in Coagulase Negative Staphylococci Isolated from Subclinical Sheep Mastitis**  
Ergun Y., Aslantas O., Kirecci E., ÖZTÜRK F., CEYLAN A., Boyar Y.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.18, no.3, pp.449-456, 2012 (SCI-Expanded)
- XXIII. **Prevalence and Molecular Mechanism of Macrolide and Lincosamide Resistance in Staphylococci Isolated from Subclinical Bovine Mastitis in Turkey**  
Aslantas O., ÖZTÜRK F., CEYLAN A.  
JOURNAL OF VETERINARY MEDICAL SCIENCE, vol.73, no.12, pp.1645-1648, 2011 (SCI-Expanded)
- XXIV. **Elucidating Polyploidization of Bermudagrasses as Assessed by Organelle and Nuclear DNA Markers**  
GÜLŞEN O., CEYLAN A.  
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.15, no.12, pp.903-912, 2011 (SCI-Expanded)
- XXV. **Exogenous Salicylate Application Affects the Lead and Copper Accumulation Characteristics of Lemna gibba L.**  
DUMAN F., Aksoy A., Ozturk F., CEYLAN A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, pp.675-680, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Cu Nanoparçacık İçeren Polikaprolakton Nanofiberlerin Antimikrobiyal Aktiviteleri**  
ŞAKİR M., KİREMİTLER N. B., CEYLAN A.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.1937-1945, 2023 (Peer-Reviewed Journal)
- II. **Evaluation of DNA Protective and Antimicrobial Properties of some Cladonia Species**  
CEYLAN A., ŞEKER KARATOPRAK G., KOCAKAYA Z., KOCAKAYA M.  
CUMHURİYET SCIENCE JOURNAL, vol.43, no.4, pp.550-555, 2022 (Peer-Reviewed Journal)
- III. **Chemical Compounds and Biological Activity of Turkish Santolina chamaecyparissus L. Essential Oil by Microwave Assisted Distillation**  
SÜFER Ö., CEYLAN A., ONBAŞLI D., YUVALI G., BOZOK F.  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.21, no.2, pp.165-175, 2021 (ESCI)
- IV. **Veterinary Drugs Found in Pharmacies in Turkey**  
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., Yüçetürk M., Dal A.  
International Journal of Scientific Research and Management, 2019 (Peer-Reviewed Journal)
- V. **Biotechnological Drugs Found in Pharmacies in Turkey**  
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., Dal A.  
International Journal of Pharma Research and Health Sciences, vol.7, no.2, pp.2928-2936, 2019 (Peer-Reviewed Journal)
- VI. **TÜRKİYE'DE ECZANELERDE BULUNAN BİTKİSEL İLAÇLAR**  
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., Dal A.  
Erciyes Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, 2019 (Peer-Reviewed Journal)
- VII. **Full-genome analysis of Plum pox virus D isolates from Turkey**  
Ceylan A., Gürcan K.  
ACTA HORTICULTURAE, vol.1163, no.12, pp.75-83, 2017 (Scopus)
- VIII. **Kayseri'De Yüksek Şarka Enfeksiyonu**  
Ceylan A., Gürcan K., Akbulut M., Sohi M. G.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.30, pp.1-6, 2014 (Peer-Reviewed Journal)

**IX. Biological Responses of Ceratophyllum demersum L. Exposed to Chromium (Cr6)**

DUMAN F., ŞAHAN S., CEYLAN A., KOCA F. D.

SDU Journal of Science, vol.5, no.2, pp.163-171, 2010 (Peer-Reviewed Journal)

**Refereed Congress / Symposium Publications in Proceedings**

- I. Development of Posaconazole-Loaded Self Nanoemulsifying Formulation and Evaluation of in-vitro Antifungal Activity**  
Aktaş Y., Atmar A., Çelik Tekeli M., Ceylan A.  
21st International Pharmaceutical Technology Symposium-IPTS 2024, Ankara, Turkey, 9 - 11 September 2024, pp.303-304
- II. Development and Application of New Non-toxic and High Performance Supercapacitor cell:La2O3@CuO**  
yetiman s., Şahin f., CEYLAN A., ÖNSES M. S., YILMAZ E., KILIÇ DOKAN F., ŞAHMETLİOĞLU E.  
Nanoscience and Nanotechnology Conference (NANOTR-16), Turkey, 5 - 08 September 2022
- III. Anti-biofouling, blood-repellent and biocompatible coatings for medical equipment interfaces**  
Sahin F., ÇELİK N., ÜNAL E., SEZER G., CEYLAN A., ÖNSES M. S.  
2022 Medical Technologies Congress, TIPTEKNO 2022, Antalya, Turkey, 31 October - 02 November 2022
- IV. Highly durable antibacterial surface through in- situ grown copper nanoparticles for biomedical applications**  
Sahin F., Sahin G. D., CEYLAN A., ÖNSES M. S.  
2022 Medical Technologies Congress, TIPTEKNO 2022, Antalya, Turkey, 31 October - 02 November 2022
- V. Bakterisidal aktiviteye sahip biyokirlenme önleyici süperhidrofobik yüzeylerin geliştirilmesi**  
Şahin F., Çelik N., Ceylan A., Pekdemir S., Ruzi M., Önses M. S.  
9. BUHASDER Kongresi, Antalya, Turkey, 24 - 28 November 2021
- VI. A New Electrospun Material for Photocatalytic, SERS and Antibacterial Applications**  
KARAGÖZ S., KİREMİTLER N. B., ŞAKİR M., SALEM S., ÖNSES M. S., ŞAHMETLİOĞLU E., CEYLAN A., YILMAZ E.  
6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Turkey, 16 October 2019
- VII. Veterinary Medicines Found in Pharmacies in Turkey**  
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., DAL A.  
2nd International Congress of Veterinary Microbiology, Antalya, Turkey, 16 - 19 October 2018, pp.264
- VIII. PPV-T izolatlarının tüm genom analizi; Türkiye'de PPV-T izolatlarının kökeni ve yayılma rotası**  
Gürcan K., Teber S., Ceylan A., Candresse T., Akbulut M., Ulubaş Serçe Ç., Kaymak S., Akbaş B., Akbaş L.  
Uluslararası Katılımlı Türkiye VII. Bitki Koruma Kongresi, Muğla, Turkey, 14 - 17 October 2018, pp.99
- IX. Serotonin Biosynthesis in İntestinal Flora**  
YUVALI ÇELİK G., ONBAŞLI D., CEYLAN A., DAL A.  
5. Ulusal Bağırsak Mikrobiyotası ve Probiyotik Kongresi, Antalya, Turkey, 11 - 14 October 2018, pp.157
- X. GABA Biosynthesis in İntestinal Flora**  
YUVALI ÇELİK G., ONBAŞLI D., CEYLAN A., DAL A.  
5. Ulusal Bağırsak Mikrobiyotası ve Probiyotik Kongresi, Antalya, Turkey, 11 - 14 October 2018, pp.156
- XI. Investigation of Health Ministry of Licensed Biotechnologically Medicines Found in Pharmacies in Turkey**  
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., DAL A.  
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.289
- XII. Türkiye'de Eczanelerde Bulunan Bitkisel İlaçlar**  
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., DAL A.  
XXIII. Bitkisel İlaç Hammaddeleri Toplantısı, Antalya, Turkey, 9 - 12 April 2018, pp.110
- XIII. Full genome analysis of Plum pox virus D isolates of Turkey**  
GÜRCAN K., CEYLAN A.

- 3rd International Symposium on Plum pox virus, Antalya, Turkey, 9 - 13 May 2016, pp.32
- XIV. **Full-genome analysis of Plum pox virus D isolates from Turkey**  
GÜRCAN K., CEYLAN A.  
3rd International Symposium on Plum Pox Virus, Antalya, Turkey, 9 - 13 May 2016, vol.1163, pp.75-83
- XV. **Plum Pox Virüsü ve Kayısı İnteraksiyon Programı**  
Gürcan K., Ceylan A., Yılmaz K. U., Akbulut M., Ghaderi M., Comart S., Teber S., Kara E.  
VII. Ulusal Bahçe Bitkileri Kongresi, Çanakkale, Turkey, 25 - 29 August 2015, pp.266
- XVI. **ISSR VE RAPD belirteçleri kullanılarak Türk ve Azeri arpa genotipleri arasındaki genetik mesafenin belirlenmesi ve popülasyon yapısının analizi Ulusal Tarım Kongresi**  
AKBULUT M., CEYLAN A., Öcal N., GÜRCAN K., Ramiiiz T A.  
Ulusal Tarım Kongresi, moraiiko, 29 October - 12 June 2015, pp.50
- XVII. **Plum pox virus with a High Diversity are Prevalent in Turkey**  
GÜRCAN K., CEYLAN A., Teber S.  
International Conference on Virus and Other Graft Transmissible Disease of Fruit Crops, Morioka, Japan, 8 - 12 June 2015, vol.1, pp.49
- XVIII. **Complete nucleotide sequence analysis of Plum Pox Virus 'Turkey' isolates**  
CEYLAN A., GÜRCAN K., AKBULUT M.  
International Conference on Virus and Other Graft Transmissible Disease of Fruit Crops, Morioka, Japan, 8 - 12 June 2015, vol.1, pp.50
- XIX. **PPV T is common at home gardens of Centeral Anatolia**  
Gürcan K., Ceylan A., Akbulut M., Değirmenci K.  
II International Symposium on Plum Pox Virus, Olomouc, Czech Republic, 3 - 06 October 2013, pp.21
- XX. **Transmission Route of New Plum pox virus introductions in Turkey**  
CEYLAN A., GÜRCAN K., Ghaderi m., AKBULUT M., Ulubaş Serçe Ç.  
2 nd International Symposium on Plum Pox Virus, Czech Republic, 1 - 04 October 2013, pp.19
- XXI. **Plum Pox Virus D in Turkey**  
Gürcan K., Ceylan A., Akbulut M., Comart S., Akbaş B., Ghaderi M.  
2nd International Symposium on Plum Pox Virus, Olomouc, Czech Republic, 3 - 06 September 2013, pp.22
- XXII. **Transmission route of new plum pox virüs in Turkey**  
CEYLAN A., GÜRCAN K., Ghaderi M., AKBULUT M., Ulubaş Serçe Ç.  
2nd International Symposium on Plum Pox Virus, Olomouc, Czech Republic, 3 - 06 September 2013, pp.19
- XXIII. **Bazı buğday (Triticum) çeşitlerinde peroksidaz gen polimorfizminin belirlenmesi**  
Ceylan H., Gülşen O., Ceylan A., Akbulut M.  
1. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Antalya, Turkey, 26 - 29 October 2010, pp.33
- XXIV. **Türkiye Akdeniz sahilinden örneklenen çeşitli ploidi düzeylerine sahip Bermuda çimi (Cynodon spp) türlerinde kloroplast DNA polimorfizminin belirlenmesi.**  
Ceylan A., Gülşen O., Ceylan H., AKBULUT M.  
1.Ulusal Biyoloji Kongresi, Antalya, Turkey, 1 - 04 October 2010, pp.5
- XXV. **Harici Salisilat Uygulamasının Lemna gibba L. Bitkisinin Kurşun ve Bakır Akümülyasyonuna Etkisi**  
duman f., AKSOY A., ÖZTÜRK F., CEYLAN A.  
Ekoloji 2010 Sempozyumu, Aksaray, Turkey, 1 - 04 June 2010
- XXVI. **Harici Salisilat Uygulamasının Lemna gibba bitkisinin Kurşun ve Bakır Akümülyasyonuna Etkisi**  
DUMAN F., AKSOY A., ÖZTÜRK KÜP F., CEYLAN A.  
Ekoloji 2010 Sempozyumu, Aksaray, Turkey, 5 - 07 May 2010
- XXVII. **DNA Changes in Watercress (Nasturtium officinale R. Br.) Induced by As (III) Using Random Amplified Polymorphic DNA Analysis.**  
DUMAN F., ÖZTÜRK F., CEYLAN A., BOZOK F.  
International Conference on Plant & Environmental Pollution, Turkey, 1 - 04 July 2009, pp.10

## Supported Projects

CEYLAN A., FİDAN M., ONBAŞLI D., YUVALI G., ŞAHMETLİOĞLU E., SEZER G., Project Supported by Higher Education Institutions, HİBRİT NANOPARTİKÜLPLAZMİD DNA KOMPLEKSİ KULLANILARAK İN VİTRO HÜCRE HATTINDA GLP1 GENİ TAŞINIMININ GELİŞTİRİLMESİ, 2024 - Continues

Ceylan A., Şehit A., Kunter B., Barel M., TUBITAK Project, Kalecik Karası (Vitis Vinifera L.) Üzüm Çeşidinde Zip Çinko Taşıyıcı Gen İfadesinin Belirlenmesi, 2024 - 2025

Eren Böncü T., Yücel Ç., Şahmetlioğlu E., Ceylan A., Çadır M., Project Supported by Higher Education Institutions, Yara Örtüsü Olarak Kullanılmak Üzere Minosiklin Hidroklorür İçeren Yenilikçi Nanofiber Formülasyonların Gelistirilmesi Karakterizasyonu Ve Etkinliğinin Değerlendirilmesi, 2022 - 2024

Ceylan A., Kocakaya Z., Kocakaya M., İlgün S., Şeker Karatoprak G., Çadır M., TUBITAK Project, Türkiye'deki Xanthoparmelia (Parmeliaceae, Ascomycota) Cinsinin Taksonomik ve Filogenetik Revizyonu, Sekonder Metabolitlerinin Belirlenmesi, Antienflamatuar ve Antiproliferatif Aktivitelerinin Tayini, 2021 - 2023

ÖNSES M. S., ŞAHİN F., CEYLAN A., Project Supported by Higher Education Institutions, Koruyucu Tıbbi Ekipman Uygulamaları İçin Antimikrobiyal ve Moleküler Algılayıcı Nitelikte Nanoyapılı Yüzeylerin Geliştirilmesi, 2021 - 2023

Duman F., Balkaya H., Demirbuğa S., Aydın Ö., Ceylan A., Project Supported by Higher Education Institutions, Balık pulu kaynaklı kollajen-hidroksiapatit nanokompozit içerikli deneysel kuafaj materyalinin karakterizasyonu, 2021 - 2023

ONBAŞLI D., Yuvalı Celik G., AYCAN M. B., CEYLAN A., DAYAN S., KATIRCIOĞLU H., TUBITAK Project, Antimicrobial Peptides of *Viburnum opulus* (L.) Against Microbial Pathogens: Antibiotics of the Future, 2021 - 2022

YILMAZ E., CEYLAN A., ERBAŞ Z., GÖKÇE YILMAZ S., SARP G., Project Supported by Higher Education Institutions, Farklı Uygulamalarda Kullanılabilecek Yeni Nesil Multifonksiyonel Manyetik Nano Hibrit Materyallerin Sentezi, 2018 - 2021

AKBULUT M., CEYLAN A., GÜRCAN K., Project Supported by Higher Education Institutions, Plum pox virus -TÜRKİYE İZOLATLARININ TÜM GENOM ANALİZLERİ VE FİLOGENETİK İLİŞKİLERİNİN BELİRLENMESİ, 2013 - 2017

Ceylan A., Akbulut M., Project Supported by Higher Education Institutions, Türkiye'nin Akdeniz Sahilinden Örneklenen Çeşitli Ploidi Düzeylerine Sahip Bermuda Çimi (*Cynodon spp.*) Türlerinde Kloroplast DNA Polimorfizminin Belirlenmesi, 2009 - 2011

## Student Project

R & D Project, *Usnea sp.* Likenleri'nde yeşil sentez ile üretimi yapılan Kobalt nanopartiküllerinin kök kanal irrigasyon çözeltisi olarak kullanılması, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, Turkey, 2024 - Continues

R & D Project, *Gypsophila laricina* Ekstresinin Yapay Kök Kanallarında Dis Çürüğü Patojenlerine Karşı Antibiyofilm Etkinliğinin Araştırılması, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, Turkey, 2023 - 2024

R & D Project, Yeşil Sentez (Green Synthesis) Yöntemi ile *Cladonia furcata* Ekstresinden Ag ve SrNO<sub>3</sub> Nanopartiküllerinin Sentezlenmesi ve Yapay Kök Kanal Irrigantı Olarak Etkinliklerinin İncelenmesi, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, Turkey, 2023 - 2024

## Metrics

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## Congress and Symposium Activities

2022 Medical Technologies Congress, Working Group, Antalya, Turkey, 2023

Veterinary Medicines Found in Pharmacies in Turkey, Working Group, Muğla, Turkey, 2018  
12th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2018  
3rd International symposium on Plum pox virus, Attendee, Antalya, Turkey, 2016  
International Conference on virus and Other Graft Transmissible Disease of Fruit Crops, Attendee, Morioka, Japan, 2015  
2nd International Symposium on Plum Pox Virus, Attendee, Olomouc, Czech Republic, 2013  
Moleküler Biyoloji ve Biyoteknoloji Kongresi, Attendee, Antalya, Turkey, 2010  
Ekoloji Sempozyumu, Attendee, Aksaray, Turkey, 2010  
International Conference on Plants and Enviromental Pollution (ICPEP), Attendee, Kayseri, Turkey, 2009