

Res. Asst. Sibel Turan Sirke

Personal Information

Office Phone: [+90 432 444 5065](tel:+904324445065) Extension: 22638

Office Phone: [+90 444 506 5226](tel:+904445065226) Extension: 33

Email: sibelturan@yyu.edu.tr

Web: https://www.researchgate.net/profile/Sibel_Turan

International Researcher IDs

ScholarID: FIBrLosAAAAJ

ORCID: 0000-0003-1233-0077

ScopusID: 57219484995

Yoksis Researcher ID: 225887

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji , Turkey 2018 - Continues

Postgraduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji, Turkey 2016 - 2018

Undergraduate, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, Turkey 2009 - 2013

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Gen Klonlama Yöntemleri Kursu, Yüzüncü Yıl Üniversitesi Tıp Fakültesi, 2016

Foreign Language, Yabancı Dil Eğitimi, Ankara Üniversitesi, 2015

Dissertations

Postgraduate, Van Gölü Havzasından Toplanan Bazı Kavun Genotiplerinde Virüse Karşı Dayanıklılığın Mekanik İnkılasyon ve Moleküler Yöntemlerle Belirlenmesi, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji, 2018

Research Areas

Agricultural Sciences, Agriculture, Life Sciences, Plant Biology, Plant Tissue Culture, Plant Breeding and Genetics, Biotechnology, Plant Biotechnology, Molecular Biology and Genetics, Plant Molecular Genetics, Genetic Engineering, Natural Sciences

Academic Titles / Tasks

Research Assistant, Van Yüzüncü Yıl University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2023 - Continues

Research Assistant, Erciyes University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji, 2018 - 2023

Research Assistant, Van Yüzüncü Yıl University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2015 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Effects of Hybrid Drying on Kinetics, Energy Analysis and Bioactive Properties of Sour Black Mulberry (*Morus nigra L.*)
ÇETİN N., Turan Sirke S., GÜRCAN K., Türkay Ş. N., Duman Ş., KARAMAN K.
Brazilian Archives of Biology and Technology, vol.66, 2023 (SCI-Expanded)
- II. Molecular and biological characterization of a new mulberry Idaeovirus
Gürçan K., Turan S., Teber S., Kilinçer İ., Uz İ., Tamisier L., Massart S., Çağlayan K.
Virus Research, vol.298, pp.1-9, 2021 (SCI-Expanded)
- III. The first report about genetic diversity analysis among endemic wild rhubarb (*Rheum ribes L.*) populations through iPBS markers
Erdinç Ç., Ekincialp A., Turan S., Koçak M., Baloc F. S., Şensoy S.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.45, no.6, pp.784-796, 2021 (SCI-Expanded)
- IV. ANALYSIS OF GENETIC DIVERSITY AMONG DIFFERENT MELON ACCESSIONS USING PEROXIDASE GENE MARKERS
Koçak M., Turan S., Erdinç Ç., Yıldız M.
Fresenius Environmental Bulletin, vol.29, pp.8017-8024, 2020 (SCI-Expanded)
- V. Genetic Characterization of *Rheum ribes* (Wild Rhubarb) Genotypes in Lake Van Basin of Turkey through ISSR and SSR Markers
Ekincialp A., Erdinç Ç., Turan S., Çakmakçı Ö., Nadeem M. A., BALOCH F. S., Şensoy S.
INTERNATIONAL JOURNAL OF AGRICULTURE AND BIOLOGY, vol.21, no.4, pp.795-802, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. Callus Production in Geranium (*Pelargonium quercetorum Agnew*) Growing Naturally in Türkiye
Koçak M., Sirke S., Kuzgun C., Yıldız M.
Yuzuncu Yıl University Journal of Agricultural Sciences, vol.33, no.3, pp.503-512, 2023 (Scopus)
- II. Van Gölü Havzası'ndan Toplanan Bazı Kavun Genotiplerinde Virüse Karşı Dayanıklılığın Mekanik İnkılasyon ve Moleküler Yöntemlerle Belirlenmesi
Turan S., Erdinç Ç.
KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.25, no.4, pp.735-744, 2022 (ESCI)
- III. Biotechnological Advancements in Coriander (*Coriandrum sativum L.*)
YILMAZ A., YILMAZ H., TURAN SİRKE S., ÇELİK A., NADEEM M. A., DEMİREL F., DEMİREL S., EREN B., EMİRALIOĞLU O., ARSLAN M.
Avrupa Bilim ve Teknoloji Dergisi, 2022 (Peer-Reviewed Journal)
- IV. Some Fruit and Leaf Characteristics of Different Apricot Cultivars in Kayseri
Yaman M., Turan S.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.3, pp.1-6, 2021 (Peer-Reviewed Journal)
- V. DETERMINATION OF POLLEN VIABILITY AND GERMINATION RATIOS IN MERSIN ECOLOGY OF SOME EARLY APRICOT
Yaman M., Turan S.
CURRENT TRENDS IN NATURAL SCIENCES, vol.10, no.19, pp.166-169, 2021 (Peer-Reviewed Journal)
- VI. The complete chloroplast genome of *Prunus armeniaca*
Turan S., Teber S., Canbulat O., Gürçan K.

Books & Book Chapters

- I. **TUZ STRESİ ALTINDAKİ BİTKİLERDE miRNA FONKSİYONLARI**
Turan S., Erdinç Ç.
in: **BİTKİLERDE STRES DİRENCİNİ ARTIRMA YÖNTEMLERİ**, Doç. Dr. Abdurrahim YILMAZ, Öğr. Gör. Dr. Hilal YILMAZ, Editor, İksad Yayınevi, Ankara, pp.77-91, 2023
- II. **Effect of Agricultural Processes and Practices on the Composition and Quality of Coriander (*Coriandrum sativum L.*) Essential Oil**
Karaman K., Beyzî E., Turan S., Güneş A.
in: **Handbook of Coriander (*Coriandrum sativum*)**, Mohamed Fawzy Ramadan, Editor, Taylor & Francis Group ,CRC Press, Florida, pp.469-476, 2023
- III. **TARIMDA GENOM DÜZENLEME UYGULAMALARI**
Turan S.
in: **MODERN TARIM UYGULAMALARI**, Dr. Öğr. Üyesi Abdurrahim YILMAZ, Öğr. Gör. Dr. Sipan SOYSAL, Editor, İksad Yayınevi, Ankara, pp.137-149, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **DETERMINATION OF THE USABILITY OF IPBS RETROTRANSPOSON MARKERS FOR ANALYZING GENETIC DIVERSITY IN LACTIC ACID BACTERIA**
Turan Sirke S., Türkay Ş. N., Karaman K.
12th International Molecular Biology and Biotechnology Congress , Kayseri, Turkey, 13 - 15 December 2023, pp.83-91
- II. **Genetic Variation of Some Faba Bean (*Vicia faba L.*) Species Grown in Turkey with SSR Markers**
Okumuş O., Turan Sirke S., Doruk Kahraman N., Erol O., Özaktan H.
12th International Molecular Biology and Biotechnology Congress, Kayseri, Türkiye, 13 - 15 Aralık 2023, ss.1, Kayseri, Turkey, 13 - 15 December 2023, pp.1
- III. **HAPLOID PLANT PRODUCTION IN EDIBLE GRAIN LEGUMES**
YILMAZ H., TURAN SİRKE S.
ISPEC 11th INTERNATIONAL CONFERENCE on AGRICULTURE, ANIMAL SCIENCES and RURAL DEVELOPMENT, 03 March 2023
- IV. **ANTHER CULTURE APPLICATIONS IN PLANT BREEDING**
TURAN SİRKE S., YILMAZ H.
ISPEC 11th INTERNATIONAL CONFERENCE on AGRICULTURE, ANIMAL SCIENCES and RURAL DEVELOPMENT, 03 March 2023
- V. **CALLUS PRODUCTION IN GERANIUM (*Pelargonium quercetorum Agnew*) GROWING NATURALLY IN TURKEY**
Koçak M., Turan S., Sadık G., Kuzgün C., Yıldız M.
9th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH, Gaziantep, Turkey, 19 - 21 February 2023, pp.142-143
- VI. **IDENTIFICATION OF LACTIC ACID BACTERIA OBTAINED FROM FERMENTED PRODUCTS OF HATAY PROVINCE**
Turan Sirke S., Türkay Ş. N., Karaman K.
2ND. International Conference on Research of Agricultural and Food Technologies- I-CRAFT, Adana, Turkey, 6 - 07 October 2022, pp.44
- VII. **Ekşikara Dut İdaeovirus (Black Mulberry Idaeovirus- BMIV) Genom Dizi Analizi ve Karakterizasyonu**
Turan S., Gürcan K.

8. Uluslararası Katılımlı Bitki Koruma Kongresi, 24 - 28 August 2021, pp.269
- VIII. DETERMINATION OF VIRUS RESISTANCE WITH MECHANIC INOCULATION AND MOLECULAR METHODS IN SOME MELON ACCESSION COLLECTED FROM VAN LAKE BASIN
Turan S., Erdinç Ç.
IV. International Eurasian Agriculture and Natural Sciences Congress, Konya, Turkey, 30 - 31 October 2020, pp.103
- IX. DETERMINATION OF GENETIC VARIATION AMONG DIFFERENT MELON ACCESSIONS THROUGH PEROXIDASE GENE MARKERS
Koçak M., Turan S., Erdinç Ç., Yıldız M.
III. International Eurasian Agriculture And Natural Sciences Congress, Antalya, Turkey, 17 - 20 October 2019, pp.59
- X. The complete chloroplast genome of *Prunus armeniaca*
Turan S., TEBER S., CANBULAT O., GÜRCAN K.
XVII International Symposium on Apricot Breeding and Culture, Malatya, Turkey, 6 - 10 July 2019, pp.20
- XI. TRANSFERABILITY OF IPBS MARKERS FOR GENETIC VARIATION EVALUATION IN THE WILD RHUBARB POPULATION (*Rheum ribes L.*) COLLECTED FROM LAKE VAN BASIN
Erdinç Ç., Turan S., Ekincialp A., BALOCH F. S., Şensoy S.
II. The Eurasian Agriculture and Naturel Sciences Congress, Baku, Azerbaijan, 11 - 15 September 2018, pp.22
- XII. Determination of Genetic Diversity Between Some Beans Genotypes though SSR and ISSR Markers
YASAK M. Ş., Erdinç Ç., Turan S., Koçak M.
International Agricultural Sciences Congress, Van, Turkey, 9 - 12 May 2018, pp.31
- XIII. Determination of the Effects of Plant Growth Promoting Rhizobacteria in Some Standard and Hybrid Tomato Cultivars (*Solanum lycopersicum L.*)
YILMAZ Y., Erdinç Ç., Akköprü A., Turan S.
The Eurasian Agriculture and Naturel Sciences Congress, Bişkek, Kyrgyzstan, 20 - 23 September 2017
- XIV. Investigation of The Effects of Plant Growth Promoting Rhizobacteria in Tomato (*Solanum lycopersicum L.*) under Salt Stress
YILMAZ Y., Erdinç Ç., Akköprü A., Turan S.
The Eurasian Agriculture and Naturel Sciences Congress, Bişkek, Kyrgyzstan, 20 - 23 September 2017, pp.46
- XV. Molecular Characterization of Wild Rhubarb (*Rheum ribes L.*) distributed in Van-Turkey by SSR and ISSR Markers
Erdinç Ç., Ekincialp A., BALOCH F. S., Şensoy S., Turan S.
The Eurasian Agriculture and Naturel Sciences Congress, Bişkek, Kyrgyzstan, 20 - 23 September 2017, pp.69
- XVI. GENETIC DIVERSITY IN WILD FRITILLARIA IMPERIALIS L. IN VAN LAKE (TURKEY) BASIN BY iPBS PRIMERS
Koçak M., Yıldız M., Alp Ş., Geboloğlu M. D., Turan S.
VII International Scientific Agriculture Symposium, Jahorina, Bosnia And Herzegovina, 6 - 09 October 2016, pp.378
- XVII. Determination of Genetic Relationships Among Pear Varieties (*Pyrus spp.*) Growing in Erzincan Plain by RAPD Method.
Orhan E., Geçim T., Turan S.
International Conference on Advances in Natural and Applied Sciences(ICANAS 2016). (Abstract),, Antalya, Turkey, 21 - 24 April 2016, pp.303

Supported Projects

Şimşek Ö., Gürcan K., Turan Sirke S., TUBITAK Project, TÜRKİYE TARIMSAL ÜRETİMİNDE KÜRESEL İKLİM DEĞİŞİKLİĞİNE UYUMLU SÜRDÜRÜLEBİLİR TARIM (S-ATP), 2023 - 2027

Gürcan K., Turan S., Project Supported by Higher Education Institutions, Hacıhaliloğlu Kayısı Çeşidine Kendine Uyuşmazlık Lokusunun Moleküler Mekanizmasının Belirlenmesi, 2021 - 2023

Karaman K., Sağdıç O., Pınar H., Turan S., Project Supported by Higher Education Institutions, Beta Glukozidaz Aktivitesi Yüksek Starter Kültür Üretimi, 2021 - 2023

Yıldız M., Erdinç Ç., Koçak M., Turan S., Project Supported by Higher Education Institutions, Yabani rulent (*Rheum ribes*

L)'te klasik doku kültür teknikleri ve biyoreaktör sistemi kullanılarak somatik embriyogenesis ile rejenerasyon protokolünün geliştirilmesi, 2018 - 2020

Yıldız M., Koçak M., Turan S., Project Supported by Higher Education Institutions, Sardunyaada (*Pelargonium quercetorum Agnew*) klasik doku kültür teknikleri ve biyoreaktör sistemi kullanılarak somatik embriyogenesis ile rejenerasyon yönteminin belirlenmesi, 2018 - 2020

Demir S., Rışvanlı M. R., ÖZDEMİR B., Arvas Ö., Kaya İ., Zorer Çelebi Ş., Ekin Z., Akköprü A., Taşkn B., Erdinç Ç., et al., Project Supported by Higher Education Institutions, International Agricultural Science Congress, 2017 - 2018

Erdinç Ç., BALOCH F. S., Ekincialp A., Şensoy S., Turan S., Project Supported by Higher Education Institutions, Van Gölü Havzasından Toplanan Yabani Ravent (*Rheum ribes L.*) Popülasyonunda IPBS Retrotransposons Marker Yönteminin Kullanılabilirliğinin Belirlenmesi, 2017 - 2018

Erdinç Ç., Turan S., Project Supported by Higher Education Institutions, Van Gölü Havzasından Toplanan Bazı Kavun Genotiplerinde Virüse Karşı Dayanıklılığın Mekanik İnokulasyon ve Moleküler Yöntemlerle Belirlenmesi, 2017 - 2018

Student Project

R & D Project, Erciyes Dağında Bulunan P. Brigantina Türü Olduğu Tahmin Edilen Sert Çekirdekli Meyve Türünün Tüm Genom Kloroplast Analizi (TÜBİTAK 2209-A), Erciyes University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji, Turkey, 2023 - 2024

Metrics

Publication: 31
Citation (WoS): 3
Citation (Scopus): 24
H-Index (WoS): 1
H-Index (Scopus): 3

Congress and Symposium Activities

8. Uluslararası Katılımlı Bitki Koruma Kongresi, Attendee, Bolu, Turkey, 2021
CURRENT TRENDS IN NATURAL SCIENCES International Symposium, Attendee, Pitesti, Romania, 2021
IV. International Eurasian Agriculture And Natural Sciences Congress, Attendee, Konya, Turkey, 2020
XVII International Symposium on Apricot Breeding and Culture, Attendee, Malatya, Turkey, 2019
International Agricultural Sciences Congress, Attendee, Van, Turkey, 2018
The Eurasian Agriculture and Natural Sciences Congress, Attendee, Bishkek, Kyrgyzstan, 2017
VII. INTERNATIONAL SCIENTIFIC AGRICULTURE SYMPOSIUM -AGROSYM 2016, Attendee, Sarajevo, Bosnia And Herzegovina, 2016
Nutrigenomik Çalışayı, Attendee, Erzurum, Turkey, 2015

Scholarships

2224-B Yurt İçi Bilimsel Etkinliklere Katılım Desteği Programı, TUBITAK, 2019 - 2019