

## Prof. Berna Tunalı

### Personal Information

**Email:** btunali@omu.edu.tr

**Web:** <https://avesis.omu.edu.tr/btunali>

### International Researcher IDs

ORCID: 0000-0003-2798-0777

Yoksis Researcher ID: 8340

### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Bitki Koruma (Dr), Turkey 1986 - 1992

Undergraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 1974 - 1979

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Arpa yaprak çizgi hastalığı, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, 1992

### Research Areas

Agricultural Sciences

### Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Bitki Koruma Bölümü (Zirraat), 2006 - Continues

Associate Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Bitki Koruma Bölümü (Zirraat), 2005 - 2006

Expert, Diğer (Kurumlar,hastaneler Vb.), Diğer Enstitü, 1992 - 2005

### Academic and Administrative Experience

Ondokuz Mayıs University, 2006 - 2011

### Courses

BİTKİ PATOJENİ FUNGUSLARDA LABORATUVAR TEKNİKLERİ, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

FUNGUS TAKSONOMİSİ-II, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

DEPOLANMIŞ ÜRÜN HASTALIKLARI, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

MİKOLÖJİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

BİTKİ KORUMADA ARAŞTIRMA DEĞERLENDİRME, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

BİTKİ KLİNİĞİ-I, Undergraduate, 2013 - 2014, 2012 - 2013

TOHUM PATOLOJİSİ, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

MİKOTOKSİNLER, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

BİTKİ KORUMA, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

BİTKİ HAST. MÜC. KULLANILAN FUNGUSİTLER, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

BİTKİ HAST. MÜC. KULLANILAN FUNGUSİTLER, Postgraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

TARLA BİTKİLERİ FUNGAL HASTALIKLARI, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Bahçe Bitkileri Fungal Hastalıkları, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

FUNGUS TAKSONOMİSİ-I, Doctorate, 2011 - 2012, 2010 - 2011, 2009 - 2010

FİTOPATOLOJİ, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

BİTKİ PATOJENİ TOPRAK KÖKENLİ FUNGUSLAR, Postgraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008

TOHUM PATOLOJİSİ, Postgraduate, 2005 - 2006

## Advising Theses

Berna T., Arpada *Fusarium culmorum* enfeksiyonuna dayanıklılığın gen anlatımı düzeyinde analizi, Doctorate, A.FEYZA(Student), 2016

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

- I. **Genetic diversity and mating-type frequency of *Exserohilum turcicum* in Turkey**  
Turgay E. B., ÇELİK OĞUZ A., olmez F., Tunalı B., KURT Ş., Akcalı E., Baran B., Buyuk O., Helvacıoglu O., Enginsu S., et al.  
JOURNAL OF PHYTOPATHOLOGY, vol.169, no.9, pp.570-576, 2021 (SCI-Expanded)
- II. **Detection of the race of *Exserohilum turcicum* [(Pass.) KJ Leonard & Suggs] causing northern leaf blight diseases of corn in Turkey**  
Turgay E. B., Buyuk O., Tunalı B., Helvacıoglu O., KURT Ş.  
JOURNAL OF PLANT PATHOLOGY, vol.102, no.2, pp.387-393, 2020 (SCI-Expanded)
- III. **Thiophanate methyl susceptibility and alterations in tri5, Mgv1 and StuA expression among *Fusarium graminearum* and *F-culmorum* isolates**  
YÖRÜK E., Sefer O., Tunalı B., Kansu B., Sharifnabi B., Yli-Mattila T.  
JOURNAL OF PLANT PATHOLOGY, vol.100, no.3, pp.447-455, 2018 (SCI-Expanded)
- IV. **Analysis of early events in barley (*Hordeum vulgare* L.) roots in response to *Fusarium culmorum* infection**  
Tufan Dülger A. F., UÇARLI C., Tunalı B., Gürel F.  
European Journal of Plant Pathology, vol.148, no.2, pp.343-355, 2017 (SCI-Expanded)
- V. **Characterization of high-level deoxynivalenol producer *Fusarium graminearum* and *F-culmorum***

**isolates caused head blight and crown rot diseases in Turkey**

YÖRÜK E., Tunalı B., Kansu B., Olmez F., Uz G., Zümrüt İ. M., Sarıkaya A., Meyva G.

JOURNAL OF PLANT DISEASES AND PROTECTION, vol.123, no.4, pp.177-186, 2016 (SCI-Expanded)

- VI. **The widespread occurrences of Beet soil borne virus and RNA-5 containing Beet necrotic yellow vein virus isolates in sugar beet production areas in Turkey**  
Yılmaz N. D., Sökmen M., Kaya R., Şevik M. A., Tunalı B., Demirtaş S.  
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.144, no.2, pp.443-455, 2016 (SCI-Expanded)
- VII. **Assessment of *Boeremia exigua* var. *rhapontica*, as a biological control agent of Russian knapweed (*Rhaponticum repens*)**  
Bernier D., Cavin C., Woudenberg J. H. C., Tunalı B., Büyük O., Kansu B.  
BIOLOGICAL CONTROL, vol.81, pp.65-75, 2015 (SCI-Expanded)
- VIII. **Genetic diversity and mating types of *Fusarium culmorum* and *Fusarium graminearum* originating from different agro-ecological regions in Turkey**  
Cepni E., Tunalı B., Gürel F.  
JOURNAL OF BASIC MICROBIOLOGY, vol.53, no.8, pp.686-694, 2013 (SCI-Expanded)
- IX. **Characterization of root rot disease of kiwifruit in the Black Sea region of Turkey**  
Erper İ., Agustí-Brisach C., Tunalı B., Armengol J.  
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.136, no.2, pp.291-300, 2013 (SCI-Expanded)
- X. **Fitness of three *Fusarium* pathogens of wheat**  
Tunalı B., Obanor F., Erginbas G., Westcott R. A., Nicol J., Chakraborty S.  
FEMS MICROBIOLOGY ECOLOGY, vol.81, no.3, pp.596-609, 2012 (SCI-Expanded)
- XI. **First report of *Cylindrocarpum liriodendri* on kiwifruit in Turkey**  
Erper İ., Tunalı B., Agustí-Brisach C., Armengol J.  
Plant Disease, vol.95, no.1, pp.76, 2011 (SCI-Expanded)
- XII. ***Fusarium culmorum* is a single phylogenetic species based on multilocus sequence analysis**  
Obanor F., Erginbas-Orakci G., Tunalı B., Nicol J. M., Chakraborty S.  
FUNGAL BIOLOGY, vol.114, no.9, pp.753-765, 2010 (SCI-Expanded)
- XIII. **Use of Rep-PCR for Genetic Diversity Analyses in *Fusarium culmorum***  
Gürel F., Albayrak G., Diken O., Cepni E., Tunalı B.  
JOURNAL OF PHYTOPATHOLOGY, vol.158, no.5, pp.387-389, 2010 (SCI-Expanded)
- XIV. **Incidence of *Fusarium* species and levels of fumonisin B-1 in corn in the Samsun province of Turkey**  
Altıparmak G., Tunalı B.  
PHYTOPROTECTION, vol.90, no.3, pp.97-106, 2009 (SCI-Expanded)
- XV. **Incidence of *Fusarium* species and levels of fumonisin B1 in corn in the Samsun province of Turkey**  
Altıparmak G., Tunalı B.  
Phytoprotection, vol.90, no.3, pp.97-106, 2009 (SCI-Expanded)
- XVI. **Root and crown rot fungi associated with spring, facultative, and winter wheat in Turkey**  
Tunalı B., Nicol J. M., Hodson D., Uckun Z., Büyük O., Erdurmuş D., Hekimhan H., Aktas H., Akbudak M. A., Bağcı S. A.  
PLANT DISEASE, vol.92, no.9, pp.1299-1306, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Buğday Bitkilerinde Kök Çürüklüğüne Neden Olan Bıpolaris Spp. İzolatlarının Patojenitesi**  
TUNALI B., MALDAR B. M., KANSU B., OLMEZ F.  
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.11, no.3, pp.13-19, 2023 (Peer-Reviewed Journal)
- II. **Endophytic Mycobiota of *Schinus molle* L., (*Anacardiaceae*) and *Peganum harmala* L., (*Tetradiclidaceae*) in Algeria**  
Rouabah K., TUNALI B., Lombarkia N., Bensaci O. A.  
journal of agricultural studies, vol.8, no.1, pp.413-423, 2020 (Peer-Reviewed Journal)
- III. ***Fusarium* species isolated from wheat samples showing root and crown rot symptoms in Southeast**

## Anatolia

ÖLMEZ F., TUNALI B.

Bitki Koruma Bülteni, vol.59, no.3, pp.31-37, 2019 (Peer-Reviewed Journal)

- IV. **First Report on Identification of Fusarium graminearum Species Complex Members from Turkey and Iran**  
TUNALI B., YÖRÜK E., SEFER Ö., KANSU B., SHARİFNABİ B.  
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.7, no.7, pp.1040-1045, 2019 (Peer-Reviewed Journal)
- V. **Determination of Distribution, Pathogenicity and Resistance of Some Varieties of Sugar Beet to Cercospora beticola Sacc. in Turkey**  
TUNALI B., KANSU B., KUTLUK YILMAZ N. D., MEYVA G., KAYA R.  
Journal of Turkish Phytopathology, vol.47, no.1, pp.21-30, 2018 (Peer-Reviewed Journal)
- VI. **Mycoendophytes as pest control agents, using culture filtrates, against green apple aphid Aphis pomi (Hemiptera, Aphididae)**  
Rouabah K., Lombarkia N., Bensaci O. A., TUNALI B.  
International Journal of Biosciences (IJB), vol.13, no.05, pp.16-26, 2018 (Peer-Reviewed Journal)
- VII. **Türkiye’xxde Şeker Pancarında Cercospora beticola Sacc.’xxnın Yaygınlığı, Patojenitesi ve Bazı Çeşitlerin Dayanıklılığının Belirlenmesi**  
TUNALI B., KANSU B., KUTLUK YILMAZ N. D., Meyva G., Kaya R.  
Journal of Turkish Phytopathology, vol.47, no.1, pp.21-30, 2018 (Peer-Reviewed Journal)
- VIII. **The Determination of Their Efficiency Against Fusarium Root and Crown Rot Diseases of Some Antagonistic Trichoderma and Endophytic Acremonium Isolates**  
TUNALI B., TOSUN C., MALDAR B. M., MEYVA G., KANSU B.  
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.6, no.3, pp.266-272, 2018 (Peer-Reviewed Journal)
- IX. **Genotyping via Sequence Related Amplified Polymorphism Markers in Fusarium culmorum**  
ZÜMRÜT I. M., TUNALI B., KANSU B., UZ G., YÖRÜK E., ÖLMEZ F., SARIKAYA A.  
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.6, no.2, pp.145-149, 2018 (Peer-Reviewed Journal)
- X. **Türkiye’de önemli mısır alanlarında Kuzey (Exserohilum turcicum (Pass)) ve Güney (Bipolaris maydis (Nisk.Miyale)) mısır yaprak yanıklığı hastalıklarının yaygınlığı ve morfolojik teşhisleri**  
TURGAY E. B., BÜYÜK O., TUNALI B., KÜÇÜK Ö., AKÇALI E., SAYGI S., KURT Ş., BARAN B.  
Bitki Koruma Bülteni, vol.57, no.3, pp.357-372, 2017 (Peer-Reviewed Journal)
- XI. **Molecular identification of Fusarium spp. causing wilt of chickpea and the first report of Fusarium redolens in Turkey**  
TEKEOĞLU M., ÖZKILINÇ H., TUNALI B., KÜSMENOĞLU İ., CHEN W.  
Mediterranean Agricultural Sciences, vol.30, no.1, pp.27-33, 2017 (Peer-Reviewed Journal)
- XII. **The spread of Northern [Exserohilum turcicum (Pass.) K.J. Leonard & Suggs] and Southern [Bipolaris maydis (Y.Nisk. & C. Miyake) Shoemaker] leaf blight diseases in main corn (Zea mays L.) production areas in Turkey**  
TURGAY E. B., BÜYÜK O., TUNALI B., KURT Ş., AKÇALI E., BARAN B., HELVACIOĞLU Ö., ENGİNSU S., KANSU B.  
Bitki Koruma Bülteni, vol.57, no.3, pp.357-372, 2017 (Peer-Reviewed Journal)
- XIII. **Molecular Identification of Fusarium spp. causing wilt of Chickpea and first Report of Fusarium redolens in Turkey**  
TEKEOĞLU M., ÖZKILINÇ H., TUNALI B., KÜSMENOĞLU İ., CHEN W.  
Mediterranean Agricultural Sciences, vol.30, no.1, pp.27-33, 2017 (Peer-Reviewed Journal)
- XIV. **Organik domates yetiştiriciliğinde ön bitki ve organik gübre uygulamalarına bağlı olarak toprak mikrobiyotasındaki değişiklikler**  
TUNALI B., ÖZYAZICI G., PEKŞEN A.  
Anadolu Tarım Bilimleri Dergisi, vol.31, no.2, pp.207-214, 2016 (Peer-Reviewed Journal)
- XV. **Organik domates yetiştiriciliğinde ön bitki ve organik gübre uygulamalarına bağlı olarak fungal floradaki değişiklikler**  
TUNALI B., ÖZYAZICI G., PEKŞEN A.  
Anadolu Tarım Bilimleri Dergisi, vol.31, no.2, pp.207-214, 2016 (Peer-Reviewed Journal)

- XVI. **Samsun ve Ordu illerinden toplanan mısır koçanlarındaki fungal floranın değişiminin belirlenmesi**  
TUNALI B., KANSU B., Maldar M., Meyva G., Saygı S.  
Bitki Koruma Bülteni, vol.56, no.4, pp.369-383, 2016 (Peer-Reviewed Journal)
- XVII. **Evaluation of Trichoderma spp. from central and northern regions of Turkey for suppression of Polymyxa betae as a vector of rhizomania disease**  
Yılmaz N. D., Tunalı B.  
Archives of Phytopathology and Plant Protection, vol.43, no.15, pp.1534-1542, 2010 (Scopus)
- XVIII. **Studies on the determination of the rust fungi on weeds**  
TUNALI B., YILDIRIM A., BERNER D. K., AŞKIN A., AIME C.  
Bitki Koruma Bülteni, vol.49, no.2, pp.79-87, 2009 (Peer-Reviewed Journal)
- XIX. **Determination of root and crown rot diseases in tomato growing area of samsun province**  
Erol F., Tunalı B.  
Acta Horticulturae, vol.808, pp.65-69, 2009 (Scopus)
- XX. **Yabancı otlarda bulunan pas funguslarının belirlenmesi çalışmaları**  
TUNALI B., YILDIRIM A., BERNER D., AŞKIN A., AIME C.  
Bitki Koruma Bült, vol.49, no.2, pp.70-87, 2009 (Peer-Reviewed Journal)
- XXI. **Biological control studies on Convolvulus arvensis L with fungal pathogens collected from the central Black Sea region of Turkey**  
TUNALI B., KANSU B., Dana B.  
Journal of Turkish Phytopathology, vol.38, no.1-3, pp.1-8, 2009 (Peer-Reviewed Journal)
- XXII. **Burdur Isparta ve Eskişehir illerinde sebze yetiştiriciliğinde sorun olan kök ur nematodları Melodogyne spp nin fungal ve bakteriyel patojenlerinin belirlenmesi üzerine araştırmalar**  
KEPENEKÇİ İ., EVLİCE E., AŞKIN A., ÖZAKMAN M., TUNALI B.  
Bitki Koruma Bült, vol.49, pp.21-30, 2009 (Peer-Reviewed Journal)
- XXIII. **Pathogenicity of Turkish crown and head scab isolates on stem bases on whiter wheat under greenhouse conditions**  
Tunalı B., Nicol J., Erol F. Y., Altıparmak G.  
Plant Pathology Journal, vol.5, no.2, pp.143-149, 2006 (Scopus)
- XXIV. **Fusarium head blight and deoxynivalenol accumulation of wheat in Marmara Region and reactions of wheat cultivars and lines to F. graminearum and F. culmorum**  
Tunalı B., Ozseven I., Büyük O., Erdurmus D., Demirci A.  
Plant Pathology Journal, vol.5, no.2, pp.150-156, 2006 (Scopus)
- XXV. **Sakarya yöresinde buğday kök ve kök boğazı çürüklüğüne neden olan hastalık etmenlerinin belirlenmesi ve bu etmenlerin buğday yetiştirme teknikleriyle ilişkileri üzerinde araştırmalar**  
Aktaş H., Bostancıoğlu H., TUNALI B., Bayram E.  
Bitki Koruma Bülteni, vol.36, no.3-4, pp.151-167, 1996 (Peer-Reviewed Journal)
- XXVI. **Türkiye’xxde ekimi yapılan ve ümitvar olan bazı buğday ile arpa çeşit ve hatlarının önemli hastalıklarına karşı reaksiyonlarının saptanması üzerinde araştırmalar**  
Aktaş H., TUNALI B.  
Bitki Koruma Bülteni, vol.34, no.3-4, pp.123-133, 1994 (Peer-Reviewed Journal)
- XXVII. **Türkiye de ekimi yapılan ve ümit var çeltik çeşitlerinin Pyricularia oryzae Bri et Cav Drechslera oryzae Subram and Jan ve Fusarium moniliforme Sheld ye karşı reaksiyonlarının saptanması**  
AKTAŞ H., TUNALI B.  
Bitki Koruma Bülteni, vol.26, no.1, pp.41-58, 1986 (Peer-Reviewed Journal)

## Books & Book Chapters

### I. Karışık Ekim Sistemlerinde Hastalıklar

TUNALI B., CAN M.

in: Karışık Ekim, Zeki Acar, İlknur Ayan, Özlem Önal Aşçı, Editor, Nobel, Ankara, pp.112-124, 2022

## Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of the *Fusarium* spp. relationship between wild grasses and wheat plants**  
TUNALI B., KANSU B., KUTBAY H. G.  
Soil Borne Nematodes and Fungal Pathogens of Cereals: Advanced in Management, Ankara, Turkey, 26 September 2022, pp.271-278
- II. **Water Stress Efficacy on Soil Borne Diseases**  
Dalbastı N., TUNALI B.  
International Soil Science Symposium on Soil Science and Plant Nutrition, Samsun, Turkey, 02 December 2022, pp.264-268
- III. **Domateste Erken Yanıklık Hastalığına Karşı Biyolojik Mücadele**  
Alhasimi H., YILDIRIM E., TUNALI B.  
2.Uluslararası Multidisipliner Doğa Bilimleri ve Mühendislik Kongresi, Turkey, 01 December 2022
- IV. **Molecular characterization of *Bipolaris sorokiniana* Sacc. isolates obtained from wheat plants in different agro ecological regions in Türkiye**  
Demir Sarıaslan D., KANSU B., ÖLMEZ F., TUNALI B.  
8th INTERNATIONAL CEREAL NEMATODES SYMPOSIUM, Bolu, Turkey, 26 September 2022, pp.369-374
- V. **THIOPHANATE METHYL SUSCEPTIBILITY AND ALTERATIONS IN GENE EXPRESSION OF *FUSARIUM GRAMINEARUM* AND *F. CULMORUM* ISOLATES**  
SEFER Ö., YÖRÜK E., TUNALI B., KANSU B., SHARIFNABI B., YILMAZ T.  
IX International Scientific Agriculture Symposium, SARAYBOSNA, Bosnia And Herzegovina, 4 - 07 October 2018, pp.714
- VI. **Non-systemic endophytes from some native Turkish grasses seeds**  
TUNALI B., KUTBAY H. G., KANSU B.  
15th International Symposium of bio-control and biotechnology, 17 - 20 October 2017
- VII. **Non-systemic fungal endophytes from some native Turkish grasses seeds**  
TUNALI B., KANSU B., KUTBAY H. G.  
The 15th International Symposium on Biocontrol and Biotechnology, 17 - 20 October 2017
- VIII. **Bazı antagonist *Trichoderma* ve Endofitik *Acremonium* izolatlarının *Fusarium* kök ve kök boğazı hastalıklarına karşı etkinliklerinin belirlenmesi**  
TUNALI B., TOSUN C., MALDAR M., MEYVA G., KANSU B.  
1. Uluslararası Organik Tarım ve Biyoçeşitlilik, 27 - 29 September 2017
- IX. ***Meloidogyne arenaria*'nın 2. Dönem Larvalarına Bazı Fungal Kültür Filtratlarının Etkilerinin Belirlenmesi**  
AYDINLI G., TUNALI B., MALDAR B. M., EREN H. B., MENNAN S.  
XIII. Congress of Ecology and Environment With International Participation, Edirne, Turkey, 12 - 15 September 2017, pp.425
- X. **Pathogenic races of *Exserohilum turcicum* on main corn production areas in Turkey**  
TURGAY E. B., BÜYÜK O., TUNALI B., KURT Ş., HELVACIOĞLU Ö., AKÇALI E., BARAN B., ENGİNSU S., KANSU B.  
28th International Scientific Expert Conference of Agriculture and Food Industry, 27 - 29 September 2017
- XI. **The Determination of Their Efficiency Against *Fusarium* Root and Crown Rot Diseases of Some Antagonistic *Trichoderma* and Endophytic *Acremonium* Isolates**  
TUNALI B., Tosun C., Maldar M., Gonca M., KANSU B.  
I. International Organic Agriculture and Biodiversity, Bayburt, Turkey, 27 - 29 September 2017, pp.42
- XII. **Determination of Fumonisin B1 , B2 in corn by highperformance liquid chromatography and contamination in preharvest and different stored conditions and times in Samsun province**  
TUNALI B., KARA M., KANSU B.  
International Green Biotechnology Congress, İstanbul, Turkey, 11 - 13 September 2017, pp.117
- XIII. ***Meloidogyne arenaria*'nın 2. dönem larvalarına Bazı fungal kültür filtratlarının etkilerinin belirlenmesi**  
AYDINLI G., TUNALI B., MALDAR M., EREN H. B., MENNAN S.

XIII: Congress of Ecology and Environment with International Participation, 12 - 15 September 2017

- XIV. **Determination of Fumonisin B1, B2 in vorn by high performance liquis chromatographyand contamination in preharvest and different stored conditions and times in Samsun province**  
KANSU B., KARA M., TUNALI B.

International Green Biotechnology Congress, 11 - 13 September 2017

- XV. **Chemical Control Studies on Powdery Mildew Erysiphe corylacearum disease of hazelnut in Samsun and Sakarya provinces**  
TUNALI B., KANSU B.

IX. International Congress of Hazelnut, 15 - 18 August 2017

- XVI. **Genotyping via sequence related amplified polymorphism markers in Fusarium culmorum**  
ZÜMRÜT I. M., TUNALI B., KANSU B., UZ G., YÖRÜK E., ÖLMEZ F., SARIKAYA A.

2. International Balkan Agricultural Congress, 16 - 18 May 2017

- XVII. **Changing of soil fungal communities with organic fertilization and different previous crop in organic capia pepper production**  
TUNALI B., ÖZYAZICI G., PEKŞEN A.

27th International Scientific-Expert Congress of Agriculture and Food Industry", Bursa, Turkey, 26 - 28 October 2016

- XVIII. **Changing of soil fungal communities wih organic fertilization and different previous crop in organic capia pepper production**  
TUNALI B., ÖZYAZICI G., PEKŞEN A.

27.th Interntional Scientific Expert Congress of Agriculture and Food Industry, 26 - 28 September 2016, pp.101

- XIX. **Investigation of Fusarium spp isolated from healthy wild cereals associated with seedling blight of wheat**

TUNALI B., KANSU B., Meyva G., Maldar M., KUTBAY H. G.

27.th International Scientific Expert Congress of Agriculture nd Food Industry, 26 - 28 September 2016, pp.271

- XX. **Türkiye Önemli Mısır alanlarında kuzey yaprak yanıklığı Exherohilum turcicum Pass hastalığının yaygınlığı**

Turgay E. B., Büyük O., TUNALI B., KURT Ş., Akçalı E., Baran B., Helvacioğlu Ö., Saygi S., KANSU B.

Türkiye VI. Bitki Koruma Kongresi, 5 - 08 September 2016

- XXI. **Ülkemizde Zymoseptoria tritici gen fonksiyonu çalışmalarında gen silme tekniğinin optimizasyonu**  
Ölmez F., Mustafa Z., KANSU B., TUNALI B., AKKAYA M.

Türkiye VI. Bitki Koruma Kongresi, 5 - 08 September 2016

- XXII. **Bazı sağlıklı yabancı buğdaygillerden elde edilen endofitik fungusların buğday bitkilerinin gelişimine ve kök ve kök boğazı patojenlerine etkisinin belirlenmesi**

Uygun E., Maldar M., TUNALI B.

Türkiye VI. Bitki Koruma Kongresi, 5 - 08 September 2016

- XXIII. **Güneydoğu anadolu da mısır koçan çürüklüğü etmeni Fusarium türlerinin ve toksinlerinin belirlenmesi**

Ölmez F., Baran B., Kaymak T., Tantekin S. Ö., Çelik Y., Orak A. B., TUNALI B.

Türkiye VI. Bitki Koruma Kongresi, 5 - 08 September 2016

- XXIV. **Türkiye nin mısır ekim alanlarında bazı önemli toksigenik fungusların tespiti ve yaygınlıklarının belirlenmesi**

KANSU B., TUNALI B.

Türkiye VI. Bitki Koruma Kongresi, 5 - 08 September 2016

- XXV. **The spread of Southern Leaf Blight Exserohilum turcicum Pass in Main Corn Agricultural Areas in Turkey**

TURGAY B., BÜYÜK O., TUNALI B., KURT Ş., AKÇALI E., BARAN B., HELVACIOĞLU Ö., SAYGI S., KANSU B.

Turkey 6thPlant Protection Congress with International Participation, Konya, Turkey, 5 - 08 September 2016

- XXVI. **Determination of the Fusarium spp Causing Ear Rot and Their Toxins on Maize in Southeast Anatolia**  
ÖLMEZ F., BARAN B., KAYMAK T., KANSU B., TANTEKİN S., ÇELİK Y., BARS ORAK A., TUNALI B.

Turkey 6th Plant Protection Congress with International Participation, Konya, Turkey, 5 - 08 September 2016

- XXVII. **Türkiye nin Mısır Ekim Alanlarındaki Bazı Önemli Toksigenik Fungusların Tespiti ve Yaygınlıklarının Belirlenmesi**  
KANSU B., TUNALI B.  
Turkey 6th Plant Protection Congress with International Participation, Konya, Turkey, 5 - 08 September 2016
- XXVIII. **Distribution pathogenicity morphology and molecular diversity of *Bipolaris sorokiniana* isolates from Turkey**  
Sariaslan D. D., KANSU B., TUNALI B.  
APS Annual Meeting, 30 July - 03 August 2016
- XXIX. **Sequence related amplified polymorphism and elongation factor 1 alpha based genotyping in *Fusarium graminearum* species complex**  
Zümrüt I. M., TUNALI B., KANSU B., UZ G., YÖRÜK E., Sharifnabi B., Ölmez F., Sarıkaya A.  
Seab 2016, 23 - 27 May 2016, pp.511
- XXX. **Characterization of High level Deoxynivalenol producer *Fusarium graminearum* and *F. culmorum* isolates from Turkey**  
YÖRÜK E., TUNALI B., KANSU B., Ölmez F., Meyva G., UZUN GÖREN G., Zümrüt I. M., Sarıkaya A.  
Seab 2016, 23 - 27 May 2016, pp.139
- XXXI. **Characterization of Level of Deoxynivalenol Producer *Fusarium graminearum* and *F. culmorum* isolates from Turkey**  
YÖRÜK E., KANSU B., TUNALI B., ÖLMEZ F., MEYVA G., UZ G., ZÜMRÜT I. M., SARIKAYA A.  
Symposium on EuroAisan Biodiversity, Antalya, Turkey, 23 - 27 May 2016
- XXXII. **Enzymatic Activity of Endophytic *Fusarium* spp and Effectiveness on *Fusarium* Crown Rot Disease of Wheat**  
TUNALI B., KANSU B., GÜREL A. F., ÖLMEZ F., ÇEPNİ F. E.  
miCROPe 15 Congress, 23 - 26 November 2015, pp.219
- XXXIII. **Genotyping and discrimination of endophytic and pathogenic fungal isolates by RAPD markers a case study for *Fusarium* spp originating from cereal field locations**  
ELİF Y. Ç., KARAHALİL B., KANSU B., TUNALI B., GÜREL A. F.  
Green Biotechnology Workshop, 21 - 23 September 2015, pp.16
- XXXIV. **Genetic characterization by ITS RFLP of *Fusarium equiseti* strains from cereal and other hosts in different agro ecological zones of Turkey**  
KILINÇ F., KANSU B., TUNALI B.  
13. *Fusarium* seminar, Marina Franca, Italy, 10 - 14 May 2015
- XXXV. **Distribution of the *Fusarium* and *Gibberella* Ear Rot Diseases in Maize Ears from Different Agro Ecological Zones in Turkey**  
KANSU B., TUNALI B.  
13th *Fusarium* Seminar, MARTINA FRANCA, Italy, 10 - 14 May 2015
- XXXVI. **Analysis of expressed sequence tags (ESTs) from barley (*Hordeum vulgare* L.) upon infection with *Fusarium culmorum***  
TUFAN A. F., TUNALI B., GÜREL A. F.  
Genome Variations: Applications and Data Analysis Symposium, 15 - 16 September 2014
- XXXVII. **Resistance breaking populations of Beet necrotic yellow vein virus occurring in sugar beet fields in Turkey**  
Kutluk Yılmaz N. D., Sökmen M., Kaya R., Toksöz Y., Tunalı B., Erkan E., Şevik M. A.  
Association of Applied Biologists (AAB) Conference on International Advances in Plant Virology, Norwich, England, 25 - 27 September 2013
- XXXVIII. **The current situation of Beet necrotic yellow vein virus BNYVV infection and RNA 5 containing BNYVV isolates in sugar beet production areas in Turkey**  
KUTLUK YILMAZ N. D., SÖKMEN M., Kaya R., Toksöz Y., ŞEVİK M. A., TUNALI B.  
International Advances in Plant Virology. Norwich, UK, 25 - 27 September 2013
- XXXIX. **The molecular characterization and determination of genetic variability in *Fusarium verticillioides* strains isolated from maize in Turkey**

KANSU B., Patricia M., Gonzalez Jaen M. T., TUNALI B.

12th European Fusarium Seminar, Bordeaux, France, 12 - 16 May 2013, pp.167

- XL. **Resistance breaking isolates of Beet necrotic yellow vein virus BNYVV collected from sugar beet fields in the Northern Eastern and Central Parts of Turkey**

KUTLUK YILMAZ N. D., SÖKMEN M., Kaya R., Toksöz Y., TUNALI B., Erkan E., ŞEVİK M. A.

10th Conference of the European Foundation for Plant Pathology, Wageningen, the Netherlands, 1 - 05 October 2012

- XLI. **Muş, Bitlis ve Van İllerinde Buğdayda Kök ve Kök boğazı Çürüklüğü Hastalığı Üzerine Araştırmalar**  
ÖLMEZ F., KANSU B., Öztürk Tantekin S., TUNALI B.

Türkiye IV. Bitki Koruma Kongresi, Kahramanmaraş, Turkey, 28 - 30 June 2011, pp.343

- XLII. **Buğday'da Fusarium culmorum'un Bitki Bunyesindeki Sistemik Yayılımı ve Deoksinivalenol Olusumunun Arastirilmesi**

KANSU B., TUNALI B.

Türkiye III. Bitki Koruma Kongresi, Van, Turkey, 15 - 19 July 2009, pp.257

## Supported Projects

Tunalı B., Project Supported by Higher Education Institutions, Şeker pancarı yaprak lekesi etmeni *Cercospora beticola*'nın Samsun ilinde alternatif konukçuları ve izolatlarının moleküler karakterizasyonunun belirlenmesi, 2022 - 2023

Tunalı B., Project Supported by Higher Education Institutions, Orta Karadeniz Bölgesi'nden Şeker Pancarı Ekim Alanlarından İzole Edilen *Rhizoctonia* spp.'nin Anastomosis Grupları, Patojeniteleri ve Mücadele Olanakları, 2022 - 2023

Tunalı B., Project Supported by Higher Education Institutions, The 15th International Symposium on Biocontrol and Biotechnology, 2017 - 2023

Tunalı B., Project Supported by Higher Education Institutions, Buğday *Fusarium* kök çürüklüğü belirtili ve sağlıklı görünümlü bitkilerde *Fusarium* spp. nin kök boğazı, yaprak ve başaklarda bulunma durumları ve hastalık oluşturma potansiyelleri üzerinde araştırmalar., 2017 - 2019

Tunalı B., Project Supported by Higher Education Institutions, Buğday (*Triticum aestivum* L.), dan izole edilen endofitik fungusların, buğdayın gelişimine etkisi ile kök boğazı çürüklük etmeni *Fusarium culmorum*'a karşı biyolojik mücadele potansiyeli üzerinde araştırmalar, 2016 - 2018

Tunalı B., Project Supported by Higher Education Institutions, 27th International Scientific-Expert Congress of Agriculture and Food Industry, 2016 - 2016

Tunalı B., Project Supported by Higher Education Institutions, America Phytopathology Society Annual Meeting, 2016 - 2016

Tunalı B., Project Supported by Higher Education Institutions, Buğday'da (*Triticum aestivum* L.) kök çürüklük patojeni *Fusarium* spp. ye karşı, endofitik *Fusarium* spp.'nin antimikrobial aktivitesi ve bazı patojenik ve endofitik *Fusarium* spp.'nin moleküler farklılıkları, 2014 - 2016

Tunalı B., Project Supported by Higher Education Institutions, 13th European Fusarium - Pathogenicity, Mycotoxins, Taxonomy, Genomics, Biosynthesis, Metabolomics, Resistance, Disease Control, 2015 - 2015

Tunalı B., Project Supported by Higher Education Institutions, Farklı Agro-Ekolojilerde Yetişen Buğday Bitkilerinden Elde Edilen *Bipolaris sorokiniana* izolatlarının morfolojik, patojenik ve moleküler karakterizasyonu, 2013 - 2015

## Metrics

Publication: 86

Citation (WoS): 219

Citation (Scopus): 166

H-Index (WoS): 8

H-Index (Scopus): 7