

# Prof. MİKAİL AKBULUT

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-1395-2021

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## Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoloji, Turkey 1996 - 2003

Postgraduate, University of Florida, Institute Of Food And Agricultural Sciences, Plant Pathology, United States Of America 1993 - 1995

Undergraduate, Cukurova University, Ziraat Fakültesi, Bitki Koruma, Turkey 1986 - 1990

## Dissertations

Doctorate, Optimization of regeneration and transformation conditions for chickpea , Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 2003

Postgraduate, Molecular characterization of the coat protein genes of isolates of Citrus Tristeza Virus from Turkey, and additional genes from other strains , University Of Florida, Institute Of Food And Agricultural Sciences, Plant Pathology, 1995

## Research Areas

Basic Sciences, Life Sciences, Plant Biology, Plant Tissue Culture, Biotechnology, Plant Biotechnology, Molecular Biology and Genetics

## Academic Titles / Tasks

Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2017 - Continues

Associate Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2011 - 2017

Assistant Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2003 - 2011

Lecturer, Erciyes University, Fen Fakültesi, Biyoloji, 1996 - 2003

## Academic and Administrative Experience

Erciyes University, 2021 - Continues

Vice Dean, Erciyes University, Fen Fakültesi, Biyoloji, 2020 - Continues

2012 - Continues

Deputy Head of Department, Erciyes University, Fen Fakültesi, Biyoloji, 2015 - 2020

Erciyes Üniversitesi, Fen Fakültesi, Biyoloji, 2004 - 2016

Erciyes University, 2003 - 2016

Erciyes Üniversitesi, Fen Fakültesi, Biyoloji, 2012 - 2015

Erciyes Üniversitesi, Tomarza Meslek Yüksek Okulu, 2012 - 2015

## Courses

İleri Moleküler Genetik, Doctorate, 2017 - 2018

İleri Bitki Metabolizması, Doctorate, 2018 - 2019

Plant biotechnology, Postgraduate, 2018 - 2019

Viroloji, Undergraduate, 2014 - 2015

Biyokimya, Undergraduate, 2014 - 2015

Bitki Biyoteknolojisi, Postgraduate, 2014 - 2015

Bitki Hücre ve Doku Kültürü, Undergraduate, 2012 - 2013

Advanced Plant Metabolism, Doctorate, 2012 - 2013

Plant Molecular Biology, Doctorate, 2012 - 2013

## Advising Theses

, Akbulut M., Sağıroğlu P., Türkiye ve Irak hasta örneklerinden izole edilen karbapenem dirençli Klebsiella pneumoniae izolatlarının moleküler karakterizasyonu, Postgraduate, A.BAŞER(Student), 2021

Akbulut M., Sağıroğlu P., Multilocus sequence typing of carbapenem resistant Klebsiella pneumonia isolates collected from Turkey and Iraq, Postgraduate, M.HASAN(Student), 2020

Gürcan K., Akbulut M., RNA silencing mediated resistance against plum pox virus, Doctorate, M.GHADERI(Student), 2019

Sohel M. M. H., Akbulut M., Role of microRNAs in abortion caused by diabetes mellitus in mice model, Postgraduate, K.IBRAHIM(Student), 2018

Gürcan K., Akbulut M., Plum pox virus-türkiye izolatlarının tüm genom analizleri ve filogenetik ilişkilerinin belirlenmesi, Doctorate, A.CEYLAN(Student), 2017

GÜLŞEN O., AKBULUT M., Peroksidaz Gen Markırları Kullanılarak Bazı Karpuz Çeşitlerinde Genetik Çeşitliliğin Belirlenmesi, Postgraduate, N.Öcal(Student), 2012

Gülşen O., Akbulut M., Türkiye orijinli bazı buğday çeşitlerinde peroksidaz gen polimorfizminin belirlenmesi, Postgraduate, H.CEYLAN(Student), 2010

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

- I. **Genetic diversity and a long evolutionary history of plum pox virus strain rec in Turkey**  
GÜRCAN K., Teber S., AKBULUT M., ÇAĞLAYAN K.  
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.161, no.2, pp.453-461, 2021 (SCI-Expanded)
- II. **A novel Bacillus thuringiensis strain and its pathogenicity against three important pest insects**  
Yılmaz S., Ayvaz A., AKBULUT M., Azizoğlu U., Karaborklu S.  
JOURNAL OF STORED PRODUCTS RESEARCH, vol.51, pp.33-40, 2012 (SCI-Expanded)
- III. **UPTAKE AND DISTRIBUTION OF SELENIUM, NITROGEN AND SULFUR IN THREE BARLEY CULTIVARS SUBJECTED TO SELENIUM APPLICATIONS**  
İlbaş A. I., Yılmaz S., Akbulut M., Bogdevich O.  
JOURNAL OF PLANT NUTRITION, vol.35, no.3, pp.442-452, 2012 (SCI-Expanded)

- IV. **Characterization of local *Bacillus thuringiensis* isolates and their toxicity against *Epehestia kuehniella* and *Plodia interpunctella* larvae**  
AZİZOĞLU U., YILMAZ S., AYVAZ A., KARABÖRKLÜ S., AKBULUT M.  
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.21, pp.143-150, 2011 (SCI-Expanded)
- V. **Chemical Composition and Fumigant Toxicity of Some Essential Oils Against *Epehestia kuehniella***  
Karaborklu S., Ayvaz A., Yılmaz S., AKBULUT M.  
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.104, no.4, pp.1212-1219, 2011 (SCI-Expanded)
- VI. **Identification of some cry1 genes and toxicity determination in *Bacillus thuringiensis* isolates obtained from mills and warehouses in Turkey, Egyptian Journal of Biological Pest Control**  
Yılmaz S., Demirezen N., Azizoğlu U., Karabörklü S., Ayvaz A., Akbulut M., Tekin S.  
Egyptian Journal Of Biological Pest Control, vol.21, no.2, pp.189-195, 2011 (SCI-Expanded)

### Articles Published in Other Journals

- I. **High-throughput whole genome sequencing of apricot (*Prunus armeniaca*) cultivar 'Hacihaliloğlu'**  
Teber S., GÜRCAN K., AKBULUT M., Abbasov M., ERCİŞLİ S.  
Acta Horticulturae, vol.1290, pp.53-58, 2020 (Scopus)
- II. **Identification of a virus causing ringspots in pepper by different techniques.**  
Basım H., Yeğen O., AKBULUT M.  
J. Turk. Phytopath., vol.26, pp.109-120, 1997 (Peer-Reviewed Journal)
- III. **Progress on Strain differentiation of Citrus Tristeza Virus.**  
Lee R., Pappu H., Pappu S., Rocha-Pena M., Febres V., Manjunath K., Nikoleava O., Karasev A., Bayram Ç., Akbulut M., et al.  
Revista Mexicana de Fitopatologia, vol.14, pp.79-87, 1996 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **Determination of Genetic Diversity in Some Turkish Barley Cultivars and Azerbaijani Barley Accessions with Peroxidase (POGP) Markers**  
YÜRÜK M., AKBULUT M., Aliyev R. T.  
The 4rd International Symposium on EuroAsian Biodiversity, Kiev, Ukraine, 3 - 06 July 2018, pp.64
- III. **Determination of Genetic Relationship among Local wheat landraces, Azerbaijan Originated wheat cultivars and Some Wild Wheat Genotypes by using ISSR**  
NAZLI M., AKBULUT M., Aliyev R. T.  
The 3rd International Symposium on EuroAsian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.251
- IV. **Agrobacterium mediated transformation of Plum Pox virüs-T genes to *Nicotiana benthamiana*.**  
ghaderi sohi M., AKBULUT M., GÜRCAN K.  
3rd International symposium on Plum pox virus, 09 May 2015 - 13 May 2016
- V. **Plum pox virus'ünün Bulaşıcı (Enfektif) Komplementer DNA (cDNA) Vektörünün Geliştirilmesi**  
Comart Demirel S., AKBULUT M., Ulubaş Serçe Ç., Akbaş B., Kaymak S., Değirmenci K., GÜRCAN K.  
Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016, pp.572
- VI. **Agrobacterium mediated transformation of plum pox virus T genes to *Nicotiana benthamiana***  
Sohi M. G., AKBULUT M., GÜRCAN K.  
3rd International Symposium on Plum Pox virus, 9 - 13 May 2016
- VII. **Agrobacterium-mediated transformation of *Nicotiana benthamiana* with Plum pox virus T genes**  
Ghaderi M., Akbulut M., Gürcan K.

3rd International Symposium on Plum Pox Virus, Antalya, Turkey, 9 - 13 May 2016, vol.1163, pp.7-11

- VIII. **ISSR VE RAPD belirteçleri kullanılarak Türk ve Azeri arpa genotipleri arasındaki genetik mesafenin belirlenmesi ve popülasyon yapısının analizi**  
AKBULUT M., Öcal N., CEYLAN A., GÜRCAN K., Aliyev R. T.  
Ulusal Tarım Kongresi, Afyon, Turkey, 29 - 31 October 2015, pp.185
- IX. **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
- X. **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., Ramiiz T A.  
Ulusal Tarım Kongresi, moraiko, 29 October - 12 June 2015, pp.50
- XI. **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
- XII. **Complete Nucleotide Sequence Analysis Of Plum Pox Virus Turkey Isolates**  
GÜRCAN K., CEYLAN A., AKBULUT M.  
International Conference on Virus and Other Graft Transmissible Disease of Fruit Crops, 8 - 10 June 2015
- XIII. **Controlling Plodia Interpunctella (Hübner) (Lepidoptera: Pyralidae) With Recombinant Cry1a Protein**  
YILMAZ S., AZİZOĞLU U., KARABÖRKLÜ S., AYVAZ A., Temizgül R., AKBULUT M.  
International Congress of the Molecular Biology Association of Turkey,, İzmir, Turkey, 10 - 12 December 2014, pp.211
- XIV. **Analysis Of Genetic Diversity In Turkey Orginated Local Wheat Populations**  
TEMİZGÜL R., AKBULUT M., AZİZOĞLU U., KAPLAN M., YILMAZ S., AYVAZ A.  
International Congress of the Molecular Biology Association of Turkey,, İzmir, Turkey, 10 September - 12 December 2014, pp.97
- XV. **28S rDNA Dizi Analiziyle Bazı Entomopatojen Nematodların Karakterizasyonu**  
Karaborklu S., Ayvaz A., AKBULUT M., YILMAZ S., AZİZOĞLU U.  
2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Antalya, Turkey, 15 - 18 November 2014, pp.143
- XVI. **Insecticidal Activity Of Recombinant Cry1ab Toxin On Mediterranean Flour Moth, Ephestia Kuehniella Larvae**  
AZİZOĞLU U., Ayvaz A., Yılmaz S., KARABÖRKLÜ S., AKBULUT M.  
International Congress of the Molecular Biology Association of Turkey,, İzmir, Turkey, 10 - 12 September 2014, pp.208
- XVII. **Hmw Guluten Polymorphism In Turkey Orginated Local Wheat Populations**  
Temizgül R., AKBULUT M., Azizoğlu U., YILMAZ S., KAPLAN M., AYVAZ A.  
3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014, pp.98
- XVIII. **Insecticidal Activity Of Recombinant Cry1ab Toxin On Mediterranean Flour Moth, Ephestia Kuehniella Larvae**  
Azizoğlu U., Ayvaz A., Yılmaz S., Karabörklü S., Temizgül R., Akbulut M.  
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- XIX. **ontrolling Plodia Interpunctella Hübner Lepidoptera Pyralidae With Recombinant Cry1a Protein**  
YILMAZ S., AZİZOĞLU U., KARABÖRKLÜ S., AYVAZ A., TEMİZGÜL R., AKBULUT M.  
3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014
- XX. **Cloning And Expression Of Cry2a Gene From Bacillus Thuringiensis Sy49-1 Strain And Its Toxicity On Culex Pipiens (Diptera) Larvae**  
AYVAZ A., AZİZOĞLU U., YILMAZ S., karabörklü s., TEMİZGÜL R., AKBULUT M.

3rd International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 10 - 12 September 2014, pp.209

- XXI. **Gluten Allele Frequencies And Glu-1 Quality Scores In Local Wheat Populations Originated From Turkey**  
AKBULUT M., TEMİZGÜL R., AZİZOĞLU U., YILMAZ S., AYVAZ A., KAPLAN M.  
3rd International Congress of the Molecular Biology Association of Turkey, İZMİR, TÜRKİYE, 10-12 Eylül 2014, pp.95-95, İzmir, Turkey, 10 - 12 September 2014, pp.95
- XXII. **Cry Gene Frequency Of Native Bacillus Thuringiensis Isolates**  
YILMAZ S., AZİZOĞLU U., TEMİZGÜL R., AYVAZ A., karabörklü s., AKBULUT M., eröz r.  
Uluslararası Katılımlı Ulusal Biyosidal kongresi, Antalya, Turkey, 19 - 22 March 2014, pp.17
- XXIII. **PPV T is common at home gardens of Central 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
- XXIV. **Detection and discrimination of Plum pox virus D M and T strains with High resolution melting analysis**  
Comart S., GÜRCAN K., SAY A., AKBULUT M., ULUBAŞ SERÇE Ç., Kaymak S.  
II International Symposium on Plum Pox Virus, Olomouc, Czech Republic, 3 - 06 October 2013, pp.20
- XXV. **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
- XXVI. **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
- XXVII. **Ppv T Is Common At Home Gardens Of Central Anatolia**  
GÜRCAN K., CEYLAN A., AKBULUT M., değirmenci k.  
2 nd International Symposium on Plum Pox Virus, CEK CUM, 3 - 06 September 2013
- XXVIII. **PPV-T is common in home gardens of Central Anatolia**  
GÜRCAN K., CEYLAN A., AKBULUT M., Değirmenci K.  
2nd International Symposium on Plum Pox Virus, Olomouc, Czech Republic, 3 - 06 September 2013, pp.21
- XXIX. **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
- XXX. **Detection and Discrimination of Plum Pox Virus D, M and T strains with High resolution melting analysis**  
Comart S., GÜRCAN K., Say A., AKBULUT M., Ulubaş Serçe Ç., Kaymak S.  
2nd International Symposium on Plum Pox Virus, Olomouc, Czech Republic, 3 - 06 September 2013, pp.20
- XXXI. **Selenyum toksisitesinin selenyum toleransı farklı olan iki buğday çeşidinde antioksidan enzim aktivitesine etkisi.**  
AKBULUT M., Gökbulut T.  
. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi Bildiri kitabı, Antalya, Turkey, 1 - 04 October 2012, pp.21
- XXXII. **Bazı toprak nematodlarıyla ilişkili fungus türlerinin moleküler karakterizasyonu**  
Karabörklü S., Azizoğlu U., Yılmaz S., Tekin S., Çömlekçi E., Ayvaz A., Akbulut M.  
21. Ulusal Biyoloji Kongresi konferansı, İzmir, Turkey, 13 - 15 September 2012, pp.796
- XXXIII. **Kahramanmaraş ilinden izole edilen Bacillus thuringiensis izolatlarının karakterizasyonu ve tarımsal zararlılar üzerindeki etkilerinin araştırılması**  
Tekin S., Yılmaz S., Azizoğlu U., Çömlekçi E., Karabörklü S., Akbulut M., Ayvaz A.  
21. Ulusal biyoloji kongresi, İzmir, Turkey, 13 - 15 September 2012, pp.796
- XXXIV. **Bazı toprak nematodlarıyla ilişkili fungus türlerinin moleküler karakterizasyonu**  
Karabörklü S., Azizoğlu U., Yılmaz S., Tekin S., Çömlekçi E., Ayvaz A., AKBULUT M.  
21. Ulusal Biyoloji Kongresi Bildiri Kitabı, İzmir, Turkey, 1 - 04 September 2012, pp.1403
- XXXV. **Kahramanmaraş İlinden İzole Edilen Bacillus thuringiensis İzolatlarının Karakterizasyonu ve**

**Tarımsal Zararlılar Üzerindeki Etkilerinin Araştırılması**

YILMAZ S., TEKİN S., AZİZOĞLU U., ÇÖMLEKÇİ E., KARABÖRKLÜ S., AKBULUT M., AYVAZ A.

21 Ulusal Biyoloji Kongresi, İzmir, Turkey, 1 - 04 September 2012

- XXXVI. **Determination of peroxidase gene polymorphism in watermelon lines existing in Turkish genetic resources**  
Ocal N., GÜLŞEN O., AKBULUT M., YETİŞİR H., SOLMAZ İ., SARI N.  
10th EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae, Antalya, Turkey, 15 - 18 October 2012, pp.378
- XXXVII. **Çam Kesirtirli Thaumetopoea pityocampa (Den. & Schiff.) Larvalarının Yerel Bacillus thuringiensis İzolatlarıyla Mücadelesi**  
YILMAZ S., karabörklü s., azizoğlu u., AYVAZ A., AKBULUT M., tekin s., TEMİZGÜL R.  
Türkiye IV. Bitki Koruma Kongresi, Kahramanmaraş, Turkey, 1 - 04 June 2011, pp.140
- XXXVIII. **Toxicity of Bacillus thuringiensis spore-crystal mixtures on different larval stages of Thaumetopoea pityocampa at varying temperatures**  
YILMAZ S., KARABÖRKLÜ S., AZİZOĞLU U., AYVAZ A., AKBULUT M.  
III International Entomopathogens and Microbial Control Symposium, Turkey, 1 - 04 January 2011
- XXXIX. **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
- XL. **Bazı buğday (Triticum) çeşitlerinde peroksidaz gen polimorfizminin belirlenmesi.**  
Ceylan H., Gülşen O., Ceylan A., AKBULUT M.  
1. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi Bildiri Kitabı, Antalya, Turkey, 1 - 04 October 2010, pp.34
- XLI. **Ultraviole ve Mikrodalga Radyasyonlarının Ephestia kuehniella Yumurtalarındaki Embriyo Gelişimine Etkileri**  
AZİZOĞLU U., YILMAZ S., KARABÖRKLÜ S., AKBULUT M., SARİBEK D., TEKİN S., AYVAZ A.  
20 Ulusal Biyoloji Kongresi, Denizli, Turkey, 1 - 04 July 2010
- XLII. **Adana'dan İzole Edilen ve cry1, cry2 ve cry5 Genleri Taşıyan Etkili Bir Bacillus thuringiensis İzolatının Trichogramma evanescens Erginlerinin Ömür Uzunluğu ve Parazitlenmesine Etkisi**  
YILMAZ S., SARİBEK D., TEKİN S., AZİZOĞLU U., KARABÖRKLÜ S., AKBULUT M., AYVAZ A.  
20 Ulusal Biyoloji Kongresi, Denizli, Turkey, 1 - 04 July 2010
- XLIII. **Molecular characterization and insecticidal activity of a highly pathogenic isolate of Bacillus thuringiensis from Adana**  
YILMAZ S., AYVAZ A., AKBULUT M., AZİZOĞLU U., KARABÖRKLÜ S., BASIM H.  
Society for Invertebrate Pathology, 43th Meeting,, Turkey, 1 - 04 January 2010
- XLIV. **Detection of cry1 genes in Local Bacillus thuringiensis isolates and their bioactivities on Uv-irradiated stored product moth larvae**  
AZİZOĞLU U., YILMAZ S., AYVAZ A., AKBULUT M.  
International Workshop on Urbanisation, Land Use, Land Degradation and Environment, ule2009, Denizli, Turkey, 28 September - 01 October 2009, pp.67
- XLV. **Determination of lepidopter specific cry genes of Bacillus thuringiensis isolates obtained from soils and flour mills and investigation of their toxicity on stored product moths**  
YILMAZ S., nurettin d., AZİZOĞLU U., TEMİZGÜL R., KARABÖRKLÜ S., AKBULUT M., AYVAZ A.  
Second international participated entomopathogen and microbial control symposium, 22 - 24 September 2009, pp.38-39
- XLVI. **Determination of Antioxidant Enzym Activity in Wheat and Bean to Heavy Metal Toxicity**  
DEMİREZEN YILMAZ D., AKBULUT M., URUÇ PARLAK K.  
International Conference on Plants & Environmental Pollution, Kayseri, Turkey, 06 July 2010 - 11 September 2009, pp.8
- XLVII. **PCR based identification of insecticidal crystal genes of Bacillus thuringiensis isolated from Adana.**  
azizoğlu u., YILMAZ S., AYVAZ A., karabörklü s., AKBULUT M., TEMİZGÜL R.  
International Workshop on Urbanisation, Land Use, Land Degradation and Environment,, Turkey, 1 - 04 September

2009, pp.38

- XLVIII. **Determination of Lepidoptera specific cry genes of Bacillus thuringiensis isolates obtained from soils and flour mills and investigation of their toxicity on stored product moths**  
YILMAZ S., demirezen n., azizođlu u., TEMİZGÜL R., karabörklü s., AKBULUT M., AYVAZ A.  
II International Participated Entomopathogen and Microbial Control Symposium, Turkey, 1 - 04 September 2009, pp.1
- XLIX. **The effects of selenium application on the sulphur, nitrogen, and amino acid content in grains of three barley cultivars**  
Yılmaz S., İlbař A. I., Akbulut M.  
International congress on plants and environmental pollution, Kayseri, Turkey, 6 - 11 June 2009, pp.41
- L. **Partikül bombardımanı (biyolistik) yöntemiyle gen aktarımının optimizasyonu.**  
Çevrim M., AKBULUT M.  
Biyoloji kongresi, Trabzon, Turkey, 1 - 04 June 2008, pp.364-265
- LI. **Selenyum toksisitesinin arpa bitkisinde antioksidan enzim aktivitesine etkisi.**  
Çakır S., AKBULUT M., Toprak G., Uruç K., Kılıç S.  
19. Biyoloji Kongresi, Trabzon, Turkey, 1 - 04 June 2008, pp.364-365
- LII. **Nohut Bitkisinde (Cicer arietinum) Agrobacterium Aracılıđıyla Gen Transferi**  
TEMİZGÜL R., AKBULUT M., Öktem H. A.  
18. Ulusal Biyoloji Kongresi, Aydın, Turkey, 1 - 04 June 2006, pp.1
- LIII. **Nohut bitkisinde Agrobacterium aracılıđıyla gen transferi.**  
AKBULUT M., Temizgöl R., Öktem H. A.  
18.Ulusal Biyoloji Kongresi, Aydın, Turkey, 1 - 04 June 2006, pp.51
- LIV. **Buđday fidelerinde Ca<sup>2+</sup> iyonlarının stres sinyal iletiminde rolünün proteomik yaklařımla incelenmesi**  
Sadıqov S., ÖZCAN S., AKBULUT M.  
XVI. Ulusal Biyoloji Kongresi, Malatya, Turkey, 4 - 06 September 2002, pp.87
- LV. **Nohutta doku kültürü ve transformasyon çalışmaları.**  
AKBULUT M., Öktem H. A., Yücel M.  
12.Ulusal Biyoteknoloji Kongresi, Balıkesir, Turkey, 1 - 04 September 2001, pp.92-96
- LVI. **A simple Agrobacterium-mediated transformation system based on vacuum infiltration of target tissues in Lentil, Chickpea, Potato and Tobacco**  
Mahmodian M., AKBULUT M., Yücel M., Öktem H. A.  
Second Balkan Botanical Congress, Turkey, 1 - 04 May 2000, pp.220
- LVII. **GUS gene delivery and expression in wheat, lentil and chickpea tissues via particle bombardment.**  
Öktem H. A., Mahmodian M., Ertuđrul F., Eyidođan F. İ., AKBULUT M., Yücel M.  
. Second Balkan Botanical Congress, Turkey, 1 - 04 May 2000, pp.197
- LVIII. **In Planta electroporation mediated transformation studies in chickpea.**  
AKBULUT M., Yücel M., Öktem H. A.  
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## Other Publications

- I. **Dispersal ability and parasitization of the egg parasitoid Trichogramma evanescens Westwood in field and storage conditions.**  
AYVAZ A., KARASU E., AKBULUT M.  
Other, pp.15-16, 2005

## Supported Projects

AYVAZ A., KARABÖRKLÜ S., YILMAZ S., AKBULUT M., Project Supported by Higher Education Institutions, Bazı bölgelerden izole edilen entomopatojenik nematodların teşhisi ve çam keseböceğine (*Thaumetopoea wilkinsoni* Tams) karşı biyolojik mücadelede kullanım olanaklarının araştırılması, 2010 - 2014

AKBULUT M., AYVAZ A., YILMAZ S., Project Supported by Higher Education Institutions, COLEOPTERA VE LEPİDOPTERA TAKIMLARINA AİT ZARARLI BÖCEKLERE KARŞI ETKİLİ OLAN BACİLLUS, 2008 - 2011

AKBULUT M., GÜLŞEN O., Project Supported by Higher Education Institutions, AKDENİZ SAHİLİNDEN TOPLANAN: BERMUDA ÇİMİ (*CYNODON SPP*) TÜRLERİNDE KLOOROPLAST DNA POLİMORFİZMİNİN BELİRLENMESİ, 2009 - 2010

## Metrics

Publication: 91  
Citation (WoS): 265  
Citation (Scopus): 305  
H-Index (WoS): 11  
H-Index (Scopus): 10

## Congress and Symposium Activities

The 4rd International Symposium on EuroAsian Biodiversity 03-06 July 2018, Kiev - UKRAINE, Attendee, Kyiv, Ukraine, 2018

Ulusal Tarım Kongresi, Attendee, Afyon, Turkey, 2015

3rd International Congress of the Molecular Biology Association of Turkey, İZMİR, TÜRKİYE, 10-12 Eylül 2014, Attendee, izmir, Turkey, 2014

2nd International Symposium on Plum Pox Virus, Olomouc, CHECK REPUBLIC, Attendee, Olomouc, Czech Republic, 2013

2.Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Attendee, Antalya, Turkey, 2012

Eurobiotech 2012 Agriculture Symposium, Invited Speaker, Kayseri, Turkey, 2012

Eurobiotech 2012 Agriculture Symposium, Attendee, Kayseri, Turkey, 2012

Türkiye 4. Bitki Koruma Kongresi, Attendee, Kahraman Maraş, Turkey, 2011

1. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Attendee, Antalya, Turkey, 2010

International workshop on urbanisation, land use, land degradation and environment, Attendee, Denizli, Turkey, 2009

2. Entomopatojenler ve Mikrobiyal Mücadele sempozyumu, Attendee, Muğla, Turkey, 2009

International congress on plants and environmental pollution., Attendee, Kayseri, Turkey, 2009

19. Biyoloji kongresi, Attendee, Trabzon, Turkey, 2008

18. Ulusal Biyoloji Kongresi., Attendee, Aydın, Turkey, 2006

13. Biyoteknoloji Kongresi, Attendee, Çanakkale, Turkey, 2003

12. Biyoteknoloji Kongresi., Attendee, Balıkesir, Turkey, 2001

Second Balkan Botanical Congress, Attendee, İstanbul, Turkey, 2000