

## Prof. MERYEM İPEK

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, University of Wisconsin-Madison, Ziraat Fakültesi, United States Of America 1998 - 2003

Postgraduate, University of Wisconsin-Madison, Ziraat Fakültesi, United States Of America 1996 - 1998

Undergraduate, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Turkey 1988 - 1991

### Dissertations

Doctorate, Comparative Analysis of Genetic Diversity in Garlic (*Allium sativum* L.) Using AFLP, RAPD and Isozyme Markers and Characterization of a Cytoplasmic Marker Associated with the Bolting Phenotype, University of Wisconsin - Madison, 2003

### Research Areas

Agricultural Sciences

### Academic Titles / Tasks

Professor, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2014 - Continues

Associate Professor, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2009 - 2014

Lecturer, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BAHÇE BİTKİLERİ, 2008 - 2009

Assistant Professor, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, 2005 - 2008

Research Assistant, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, 2004 - 2005

### Advising Theses

Ipek M., ZEYTİNİN (*Olea europaea* L.) YAĞINDAKİ YAĞ ASİTLERİNİN BİLEŞİMİNİ ETKİLEYEN GEN VEYA GEN BÖLGELERİNİN SNP MOLEKÜLER İŞARETLEYİCİLER KULLANILARAK HARİTALANMASI, Doctorate, A.CAN(Student), 2024

Ipek M., CRISPR/CAS9-SİTİDİN BAZ DÜZENLEME TEKNİĞİ KULLANILARAK HERBİSİTE TOLERANSLI HAVUÇ

GENOTİPLERİNİN GELİŞTİRİLMESİ, Doctorate, D.ZAHİDE(Student), 2024

İpek M., Havuçta anter kültüründe gelişen haploit bitkilerin SSR markörlerle belirlenmesi, Postgraduate, Ö.ÇAVUŞOĞLU(Student), 2023

İpek M., Gene Expression Level Analysis of Flowering Related Genes in Ganlic, Postgraduate, O.KIRIKOĞLU(Student), 2023

İpek M., Morphological and Molecular Characterization of Some Local Leek Genotypes Grown in Turkey, Postgraduate, O.YAŞAR(Student), 2022

İPEK M., Investigation of perlan comercial preparation effect on growth suppressed cauliflower seedlings, Postgraduate, Y.Özgül(Student), 2021

İpek M., Determination of changes in alliinase gene expression during storage in garlic, Postgraduate, R.ERŞAHİN(Student), 2020

İpek M., Determination of differentially expressed protein profiles at low temperature in garlic, Postgraduate, A.İL(Student), 2019

İPEK M., Determination of changes in expression level of THIC gene invollved in thiamine biosynthesis pathway during storage in garlic, Postgraduate, S.KOÇÇAT(Student), 2016

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

- I. **Characterization of phytochemical and functional properties of endemic edible *Allium tuncelianum* and comparison with commonly cultivated garlic, onion and leek crops**  
İpek M., Cansev A., Şahan Y., İpek A., Altinseker Acun D. Z.  
European Food Research and Technology, vol.249, no.4, pp.1113-1123, 2023 (SCI-Expanded)
- II. **Genetic variation and relationships between Azerbaijani and Turkish olive genetic resources**  
TEOMAN DURAN S., Aghayeva S., Akparov Z., Mammadov A., Asgarova R., Uslu O. Y., Kirikoglu O., Duran U. T., İPEK M., BARUT E., et al.  
MOLECULAR BIOLOGY REPORTS, vol.49, no.6, pp.5209-5217, 2022 (SCI-Expanded)
- III. **Transcriptome-based SNP discovery by GBS and the construction of a genetic map for olive**  
İPEK A., İPEK M., ERCİŞLİ S., Tangu N. A.  
FUNCTIONAL & INTEGRATIVE GENOMICS, vol.17, no.5, pp.493-501, 2017 (SCI-Expanded)
- IV. **Assessment of Genetic Relationship among Male and Female Fig Genotypes Using Simple Sequence Repeat (SSR) Markers**  
Teoman S., İPEK M., ERTÜRK Ü., Aktepe Tangu N., Durgut E., BARUT E., ERCİŞLİ S., İPEK A.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.45, no.1, pp.172-178, 2017 (SCI-Expanded)
- V. **Genetic Diversity Assessment of Garlic Clones with SSR Markers**  
İpek A., İpek M., Simon P.  
HORTSCIENCE, vol.51, 2016 (SCI-Expanded)
- VI. **Effects of Different Temperatures on Some Biochemical Contents in Garlic Bulbs**  
İPEK M., CANSEV A., İPEK A., Koccat S., CANSEV M.  
HORTSCIENCE, vol.51, no.9, 2016 (SCI-Expanded)
- VII. **SNP Discovery by GBS in Olive and the Construction of a High-Density Genetic Linkage Map**  
İPEK A., Yilmaz K., Sikici P., Tangu N. A., ÖZ A. T., Bayraktar M., İPEK M., Gulen H.  
BIOCHEMICAL GENETICS, vol.54, no.3, pp.313-325, 2016 (SCI-Expanded)
- VIII. **Genetic variation within the purple carrot population grown in Ereğli District in Turkey**  
İPEK A., TÜRKMEN Ö., Fidan S., İPEK M., Karci H.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.4, pp.570-576, 2016 (SCI-Expanded)
- IX. **Development and validation of new SSR markers from expressed regions in the garlic genome**  
İPEK M., Sahin N., İPEK A., CANSEV A., Simon P. W.  
SCIENTIA AGRICOLA, vol.72, no.1, pp.41-46, 2015 (SCI-Expanded)
- X. **Identification of molecular markers associated with fruit traits in olive and assessment of olive core collection with AFLP markers and fruit traits**

- Ipek M., Seker M., Ipek A., Gul M. K.  
GENETICS AND MOLECULAR RESEARCH, vol.14, no.1, pp.2762-2774, 2015 (SCI-Expanded)
- XI. **Association of SSR markers with contents of fatty acids in olive oil and genetic diversity analysis of an olive core collection**  
Ipek M., Ipek A., Seker M., Gul M. K.  
GENETICS AND MOLECULAR RESEARCH, vol.14, no.1, pp.2241-2252, 2015 (SCI-Expanded)
- XII. **Testing the utility of matK and ITS DNA regions for discrimination of Allium species**  
İPEK M., İPEK A., Simon P. W.  
TURKISH JOURNAL OF BOTANY, vol.38, no.2, pp.203-212, 2014 (SCI-Expanded)
- XIII. **Determination of non-phytotoxic doses of glycine betaine and choline in Olea europaea L.**  
CANSEV A., Gulen H., İPEK M., BARUT E.  
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- XIV. **Assessment of inter- and intra-cultivar variations in olive using SSR markers**  
İPEK A., BARUT E., Gulen H., İPEK M.  
SCIENTIA AGRICOLA, vol.69, no.5, pp.327-335, 2012 (SCI-Expanded)
- XV. **Determination of self-incompatibility groups of sweet cherry genotypes from Turkey**  
Ipek A., Gulen H., Akcay M. E., Ipek M., Ergin S., Eris A.  
GENETICS AND MOLECULAR RESEARCH, vol.10, no.1, pp.253-260, 2011 (SCI-Expanded)
- XVI. **GENETIC DIVERSITY AMONG SOME CURRANTS (RIBES SPP.) CULTIVARS AS ASSESSED BY AFLP MARKERS**  
İPEK A., BARUT E., Gulen H., İPEK M.  
PAKISTAN JOURNAL OF BOTANY, vol.42, no.2, pp.1009-1012, 2010 (SCI-Expanded)
- XVII. **Genetic diversity among some blackberry cultivars and their relationship with Boysenberry assessed by AFLP Markers**  
İPEK A., BARUT E., Gulen H., İPEK M.  
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, no.19, pp.4830-4834, 2009 (SCI-Expanded)
- XVIII. **SSR analysis demonstrates that olive production in the southern Marmara region in Turkey uses a single genotype**  
Ipek A., BARUT E., Gulen H., Oz A. T., Tangu N. A., Ipek M.  
GENETICS AND MOLECULAR RESEARCH, vol.8, no.4, pp.1264-1272, 2009 (SCI-Expanded)
- XIX. **Genetic characterization of Allium tuncelianum: An endemic edible Allium species with garlic odor**  
Ipek M., İPEK A., Simon P. W.  
SCIENTIA HORTICULTURAE, vol.115, no.4, pp.409-415, 2008 (SCI-Expanded)
- XX. **Molecular characterization of Kastamonu garlic: An economically important garlic clone in Turkey**  
Ipek M., İPEK A., Simon P. W.  
SCIENTIA HORTICULTURAE, vol.115, no.2, pp.203-208, 2008 (SCI-Expanded)
- XXI. **Screening and comparing tocopherols in the rapeseed (Brassica napus L.) and olive (Olea europaea L.) varieties using high-performance liquid chromatography**  
ŞEKER M., Gul M. K., Ipek M., Toplu C., Kaleci N.  
INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION, vol.59, no.6, pp.483-490, 2008 (SCI-Expanded)
- XXII. **Rapid characterization of garlic clones with locus-specific DNA markers**  
İPEK M., İPEK A., Simon P. W.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.32, no.5, pp.357-362, 2008 (SCI-Expanded)
- XXIII. **Characterization of an unusual cytoplasmic chimera detected in bolting garlic clones**  
Ipek M., Ipek A., Senalik D., Simon P. W.  
JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, vol.132, no.5, pp.664-669, 2007 (SCI-Expanded)
- XXIV. **Microsatellite and morphological markers reveal genetic variation within a population of Sclerotinia sclerotiorum from oilseed rape in the Canakkale Province of Turkey**  
Mert-Turk F., Ipek M., Mermer D., Nicholson P.  
JOURNAL OF PHYTOPATHOLOGY, vol.155, no.3, pp.182-187, 2007 (SCI-Expanded)

- XXV. **Sequence homology of polymorphic AFLP markers in garlic (*Allium sativum* L.)**  
Ipek M., Ipek A., Simon P. W.  
GENOME, vol.49, no.10, pp.1246-1255, 2006 (SCI-Expanded)
- XXVI. **Association of reversible inactivation of the maize transposable element Ds with tissue-specific processing of the 35S : TPase transcript in carrot (*Daucus carota* L.)**  
Ipek A., Ipek M., Simon P. W.  
JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, vol.81, no.5, pp.819-826, 2006 (SCI-Expanded)
- XXVII. **Demonstration of linkage and development of the first low-density genetic map of garlic, based on AFLP markers**  
Ipek M., Ipek A., Almquist S., Simon P.  
THEORETICAL AND APPLIED GENETICS, vol.110, no.2, pp.228-236, 2005 (SCI-Expanded)
- XXVIII. **Comparison of AFLPs, RAPD markers, and isozymes for diversity assessment of garlic and detection of putative duplicates in germplasm collections**  
Ipek M., Ipek A., Simon P. W.  
JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, vol.128, no.2, pp.246-252, 2003 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Response of Turkish purple carrot genotypes to the anther culture**  
Cavusoglu O., ÖZTÜRK F., İPEK M., İPEK A.  
Acta Horticulturae, no.1393, pp.265-268, 2024 (Scopus)
- II. **Comparative characterization of the content and in vitro bioaccessibility of minerals in two *Cornus* species**  
CANSEV A., İPEK M., ÇELİK G., ŞAHAN Y., İPEK A., AKPINAR A.  
Mediterranean Agricultural Sciences, vol.35, 2022 (Peer-Reviewed Journal)
- III. **Dikim öncesi depolama sıcaklığının sarımsak *Allium sativum* L klonlarında bitki gelişimi üzerine etkisi**  
İPEK M., Özlem U.  
Bahçe, vol.42, pp.1-10, 2013 (Peer-Reviewed Journal)

### Books & Book Chapters

- I. **Sarımsak Islahı**  
İPEK M., YANMAZ R., AKAN S.  
in: Sebze Islahı Cilt IV: Allioideae (Soğangiller), Kazım Abak, Ahmet Balkaya, Ş. Şebnem Ellialtıoğlu, Eftal Düzyaman, Editor, Gece Kitaplığı, pp.179-231, 2022
- II. **Soğan, Sarımsak, Pırasa, Ispanak ve Havuç Yetiştiriciliği**  
Ünal A., Erdoğan V., Kunter B., Güneş M., Yeşiloğlu T., Küden A., Şeniz V., Balkaya A., Özgür M., Gökçe A. F., et al.  
in: Bahçe Tarımı II, Vedat Şeniz Veli Erdoğan, Editor, Anadolu Yayınları, Eskişehir, pp.166-191, 2017

### Refereed Congress / Symposium Publications in Proceedings

- I. **Morphological Characterization of Some Local Leek Genotypes Grown in Turkey**  
Uslu O. Y., Ipek M., Ipek A.  
IV.INTERNATIONAL PLANT BREEDING CONGRESS, Antalya, Turkey, 21 - 25 November 2022, pp.123
- II. **Katlama ve Gibereellik Asit Uygulamalarının Sarımsak (*Allium sativum* L.) Tohumlarında Dormansinin Kırılması ve Çimlenme Üzerine Etkileri**

CURA E., TEOMAN DURAN S., İPEK M., İPEK A.

XIII. Sebze Tarımı Sempozyumu, İzmir, Turkey, 21 - 23 September 2022, pp.39

III. **Genetic diversity between male fig genotypes**

Teoman S., ERTÜRK Ü., İPEK M., ERCİŞLİ S., BARUT E., İPEK A.

International Conference on Agricultural Science and Business, Stara Zagora, Bulgaria, 10 May 2018 - 12 May 2019

IV. **Comparison of mineral contents and their Bioaccessibilities of Cornelian Cherry (*Cornus mass L.*) Genotypes**

CANSEV A., İPEK M., ÇELİK G., TAŞKESEN S., ŞAHAN Y.

11th Aegean Analytical Chemistry Days, 25 - 29 September 2018

V. **Carrot Production in Turkey**

TEOMAN DURAN S., İPEK M., İPEK A.

II. International Eurasian Agriculture and Natural Sciences Congress, Baku, Azerbaijan, 11 - 15 September 2018, pp.121

VI. **Molecular Markers Development and Application in Garlic**

İPEK M., İPEK A., Simon P. W.

30th International Horticultural Congress, 12 - 16 August 2018

VII. **A Genetic Diversity Between Male Fig Genotypes**

TEOMAN DURAN S., İPEK M., ERTÜRK Ü., BARUT E., İPEK A.

International Conference on Agricultural Science and Business, Stara Zagora, Bulgaria, 10 - 12 May 2018, pp.30

VIII. **Analysis of Antioxidant Capacity and Bioaccessibility of Gooseberry (*Ribes Uva-Crispa*) Genotypes**

CANSEV A., ŞAHAN Y., İPEK M.

17TH International Nutrition Diagnostics Conference (INDC 2017), 9 - 12 October 2017

IX. **Determination of Sulfur Compounds Contents in Garlic During Storage Period**

İPEK M., CANSEV A., İPEK A., Temel Y. S., CANSEV M.

17TH International Nutrition Diagnostics Conference (INDC 2017), 9 - 12 October 2017

X. **Analysis of Genetic Diversity in Tunceli Garlic**

İPEK M., İPEK A., ALPAY Z.

The Eurasian Agriculture and Natural Sciences Congress, 20 - 23 September 2017

XI. **SNP Discovery in Olive (*Olea europaea L.*)**

İPEK A., İPEK M.

The Eurasian Agriculture And Natural Sciences. Congress, 20 - 13 September 2017

XII. **Bioaccessibility of minerals in some currants genotypes**

CANSEV A., ŞAHAN Y., ÇELİK G., TAŞKESEN S., İPEK M.

International Symposium on Biodiversity and Edible Wild Species, 3 - 05 April 2017

XIII. **DNA barcoding of the genus *Allium***

İPEK M., İPEK A.

International Symposium on Biodiversity and Edible Wild Species, 3 - 05 April 2017

XIV. **Nutritional Properties of Tunceli garlic (*Allium tuncelianum*)**

İPEK M., Alpay Z., CANSEV A., ŞAHAN Y., İPEK A.

International Symposium on Biodiversity and Edible Wild Species, 3 - 05 April 2017

XV. **Mineral composition and bioaccessibility in gooseberry genotypes**

ŞAHAN Y., CANSEV A., ÇELİK G., TAŞKESEN S., İPEK M.

International Symposium on Biodiversity and Edible Wild Species, 3 - 05 April 2017

XVI. **Analysis of Allin and Allicin Contents in *Allium tuncelianum*.**

İPEK M., CANSEV A., İPEK A., ŞAHAN Y.

ICFSN 2017 : 19th International Conference on Food Science and Nutrition, 26 - 27 March 2017

XVII. **Molecular and chemical characteristics of *Allium tuncelianum*: an endemic edible *Allium* species in Turkey**

İPEK M., İPEK A., CANSEV A., ŞAHAN Y.

Plant and Animal Genome (PAG) XXV, 14 - 18 January 2017

XVIII. **Analysis of Total Phenolic Antioxidant Capacity and Bioaccessibility of Tunceli Garlic *Allium***

**tuncelianum**

İPEK M., Alpay Z., CANSEV A., ŞAHAN Y., İPEK A.

27th International Scientific-Expert Congress of Agriculture and Food Industry, 26 September - 28 December 2016

- XIX. **Analysis of total phenolic content antioxidant capacity and bioaccessibility of Tunceli garlic *Allium tuncelianum***  
İPEK M., Alpay Z., CANSEV A., ŞAHAN Y., İPEK A.  
27 th International Scientific- Expert Congress of Agriculture and Food Industry, 26 - 28 September 2016
- XX. **ASSESSMENT OF GENETIC RELATIONSHIP AMONG ONION CULTIVARS GROWN IN TURKEY USING SSR MARKERS**  
İPEK A., KANBUR E., İPEK M.  
27th International Scientific-Expert Congress of Agriculture and Food Industry, 26 - 28 September 2016
- XXI. **Assessment of genetic relationship among onion cultivars grown in Turkey using SSR markers**  
İPEK A., Kanbur E., İPEK M.  
27th International Scientific-Expert Congress of Agriculture and Food Industry, 26 - 28 September 2016, pp.90
- XXII. **Analysis of Total Phenolic Content Antioxidant Capacity and Bioaccessibility of Tunceli Garlic *Allium tuncelianum***  
İPEK M., Alpay Z., CANSEV A., ŞAHAN Y., İPEK A.  
27th International Scientific-Expert Congress of Agriculture and Food Industry, 26 - 28 September 2016
- XXIII. **Effects of Different Temperatures on Some Biochemical Contents in Garlic Bulbs**  
İPEK M., CANSEV A., İPEK A., Koççat S., CANSEV M.  
ASHS 2016 Annual Conference, 8 - 11 August 2016
- XXIV. **Genetic Diversity Assessment of Garlic Clones with SSR Markers**  
İPEK A., İPEK M., Simon P. W.  
ASHS 2016 Annual Conference, 8 - 11 August 2016
- XXV. **Effects of Different Temperatures on Some Biochemical Contents in Garlic Bulbs**  
İPEK M., CANSEV A., İPEK A., Koccat S., CANSEV M.  
Annual Conference of the American Society for Horticulture Science, 8 - 11 August 2016
- XXVI. **Screening garlic EST sequences for SSR motifs**  
Ipek M., Ipek A.  
International Symposium on Biotechnology and other Omics in Vegetable Science, Antalya, Turkey, 29 April - 02 May 2012, vol.1145, pp.101-104
- XXVII. **Application of choline and glycine betaine alters levels of total phospholipids in *Olea europaea* L. related to cold hardiness.**  
CANSEV A., GÜLEN H., İPEK M., BARUT E.  
International Scientific-Expert Conference on Agriculture and Food Industry, 25 - 28 September 2013
- XXVIII. **ızılık Meyvelerinin Mineral İçerikleri ve Biyoalınabilirlikleri**  
İPEK M., CANSEV A., ŞAHAN Y., İPEK A., Çelik G.  
2. İç Anadolu Bölgesi Tarım ve Gıda Kongresi, Nevşehir, Turkey, 28 - 30 April 2015, pp.523
- XXIX. **Tunceli Sarımsağının Biyokimyasal Özellikler Bakımından Karakterizasyonu ve Kültür Sarımsağı ile Karşılaştırılması**  
İPEK M., CANSEV A., ŞAHAN Y., İPEK A., Çelik G.  
2. İç Anadolu Bölgesi Tarım ve Gıda Kongresi, Nevşehir, Turkey, 28 - 30 April 2015, pp.624
- XXX. **Molecular markers correlated with fruits characters in olive**  
İPEK M., ŞEKER M., İPEK A.  
Workshop Latest Technologies for Crop Improvement, Antalya, Turkey, 22 - 27 February 2015, pp.55
- XXXI. **Application of Choline and Glycine Betaine Alters Levels of Total Phospholipids in *Olea europaea* L. Related to Cold Hardiness**  
CANSEV A., Gulen H., İPEK M., BARUT E.  
Joint Annual Meeting of the ASPET/BPS at Experimental Biology (EB), Massachusetts, United States Of America, 20 - 24 April 2013, vol.27
- XXXII. **Determination of non-phytotoxic doses of glycine betaine and choline in *Olea europaea* L.**

- CANSEV A., GÜLEN H., İPEK M., BARUT E.  
15th European Congress on Biotechnology, 23 - 26 September 2012
- XXXIII. **Determination of non-phytotoxic doses of glycine betaine and choline in *Olea europaea* L.** 15th European Congress on Biotechnology,  
CANSEV A., GÜLEN H., İPEK M., BARUT E.  
VI INTERNATIONAL SYMPOSIUM ON EDIBLE ALLIACEAE, Turkey, 23 - 26 September 2012, vol.29, pp.175
- XXXIV. **Differentially Expressed Genes in Leaf, Meristematic and Flower Tissues of Garlic**  
İPEK M., İPEK A., Simon P. W.  
6th International Symposium on Edible Alliaceae, 21 - 24 May 2012
- XXXV. **Phenotypic and Genetic Analysis of Health-enhancing Attributes in a Garlic (*Allium sativum* L.) F2 Family**  
Galmarini C. R., Cavagnaro P. F., İPEK M., İPEK A., Simon P. W.  
6th International Symposium on Edible Alliaceae, 21 - 24 May 2012
- XXXVI. **Development of EST Based SSR Markers for the Garlic Genome**  
İPEK M., İPEK A., CANSEV A., Şeniz V., Simon P. W.  
6th International Symposium on Edible Alliaceae, 21 - 24 May 2012
- XXXVII. **The First Genetic Linkage Map of Garlic**  
Simon P., İPEK M., İPEK A.  
2002 National Allium Research Conference, 11 - 14 December 2002
- XXXVIII. **Evaluation of genetic diversity among garlic clones using molecular markers comparison of AFLPs RAPDs and isozymes**  
İPEK M., Philipp W S.  
Plant and animal genome X meeting, 12 - 16 January 2002, pp.136
- XXXIX. **Genetic Diversity in Garlic *Allium sativum* L as Assessed by AFLPs and Isozymes**  
İPEK M., Simon P.  
98th International Conferance of the American Society for Horticultural Science, 22 July 1998 - 25 July 2001, vol.36, pp.454
- XL. **Genetic Diversity in Garlic *Allium Sativum* L as Assessed by Amplified Fragment Length Polymorphism AFLP**  
İPEK M., Simon P.  
Proceedings of the 1998 National Onion (and other Allium) Research Conference, 13 November 1998
- XLI. **Pollen Production and Quality of Pepper Grown in Unheated Greenhouses During Winter and the Effects of Bumblebees *Bombus Terrestris* Pollination on Fruit Yield and Quality**  
ABAK K., Daşgan H., İkiz O., Uygun N., İPEK M., Kaftanoğlu O., YENİNAR H.  
Seventh International Symposium On Pollination, 23 - 28 June 1996, pp.303-307

## Supported Projects

- Cansev A., İpek M., Akpınar A., Project Supported by Higher Education Institutions, UV-B stresine maruz bırakılmış ıspanak bitkisinde selenyum uygulamasının etkilerinin belirlenmesi, 2020 - 2021
- İPEK M., Project Supported by Higher Education Institutions, Tunceli Sarımsağının (*Allium tuncelianum*) Bazı Kimyasal ve Fonksiyonel Özelliklerinin Belirlenmesi ve Ülkemizde Kültürü Yapılan *Allium* Türleri ile Karşılaştırılması, 2013 - 2021
- İpek M., Project Supported by Higher Education Institutions, Sarımsakta allium liyaz geninin araştırılması, 2020 - 2020
- İPEK A., İPEK M., CANSEV M., CANSEV A., TUBITAK Project, Sarımsakta Düşük Sıcaklık Koşullarında Tiamin Biyosentezinde Görev Alan THIC Genin İfade Düzeyi Tiamin ve Bazı Biyokimyasal Bileşiklerin İçeriklerinde Oluşan Değişimlerin Belirlenmesi, 2013 - 2017
- İPEK M., İPEK A., TUBITAK Project, Havuç Bitkisinde Sitoplazmik Genetik Erkek Kısırlığı Kontrol Eden Hücre Çekirdeğinde Yer Alan Genlerin Genetik Haritasının Aflp Markırları Kullanılarak Belirlenmesi, 2011 - 2016
- İpek M., Cansev A., İpek A., Project Supported by Higher Education Institutions, Sarımsak Genomu İçin SSR Basit Dizi Tekrarları Markırlarının Geliştirilmesi, 2010 - 2015

Cansev A., İpek M., Project Supported by Higher Education Institutions, Zeytin Bitkisinde Glisin Betain ve Kolin Uygulamalarının Düşük Sıcaklık Stresinde Fosfolipid Metabolizması Üzerine Etkileri, 2010 - 2014

İpek M., İpek A., TUBITAK Project, Sarımsakta Allium sativum L Gen İfade Profili mRNA Analizi ve Çiçeklenmeyi Kontrol Eden Aday Genlerin Belirlenmesi, 2005 - 2009

İpek M., Şeker M., TUBITAK Project, Zeytin Çeşitlerinin AFLP ve SSR Markörleri Polimorfizminin Yağ Asitleri Bileşenleri ve Tokoferol Düzeyleri ile İlişkilendirilmesi, 2004 - 2008

## **Patent**

Cansev A., Akpınar A., İpek M., TARIMDA UV-B STRESİNE KARŞI TOLERANSI ARTTIRMADA SELENYUM KULLANIMI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2021/021114 , Standard Registration, 2021

## **Metrics**

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