

Res. Asst. PhD ASLIHAN ÇETİNBAS GENÇ

Personal Information

Birthyear: 1987

Place of birth: Akçakoca

Email: aslihan.cetinbas@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/aslihan.cetinbas>

Post Adress: aslihan.cetinbas@marmara.edu.tr



Education Information

2011 - 2016	Doctorate, Marmara University, Faculty of Arts and Sciences, Biology, Turkey
2009 - 2011	Post Graduate, Marmara University, Faculty of Arts and Sciences, Biology, Turkey
2005 - 2009	Under Graduate, İstanbul Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey

Dissertations

2016	Türkiye endemiği olan <i>Crataegus tanacetifolia</i> (Lam.) Pers. (alıç)'in üreme biyolojisinin analizi, Marmara Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Doctorate
2011	<i>Helianthus annuus</i> L. (Ayçiçeği)'nin pistilat ve hermafrodit çiçeklerinin karşılaştırmalı ontogenisi, Marmara Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Post Graduate

Research Areas

Plant Biology, Plant Anatomy, Plant Physiology, Histological and Cytological of Plant Tissues, Plant Growth and Development

Academic Titles / Tasks

2015 - Continues	Research Assistant, Marmara University, Faculty of Arts and Sciences, Biology
------------------	---

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Adverse effects of heat stress in relation to actin cytoskeleton on pollen performance of *Echinopsis chamaecereus* (Cactaceae)**
Cetinbas-Genc A.
BRAZILIAN JOURNAL OF BOTANY, 2020 (Journal Indexed in SCI)
- **Differential effects of low and high temperature stress on pollen germination and tube length of hazelnut (*Corylus avellana* L.) genotypes**
Cetinbas-Genc A., Cai G., VARDAR F., Unal M.
SCIENTIA HORTICULTURAE, vol.255, pp.61-69, 2019 (Journal Indexed in SCI)
- **Putrescine modifies the pollen tube growth of tea (*Camellia sinensis*) by affecting actin organization and cell wall structure**
Çetinbaş-Genç A.
Protoplasma, 2019 (Journal Indexed in SCI)
- **The effect of putrescine on pollen performance in hazelnut (*Corylus avellana* L.)**
Çetinbaş-Genç A., Cai G., Duca S. D., VARDAR F., Ünal M.
Scientia Horticulturae, 2019 (Journal Indexed in SCI)
- **Histochemical and Biochemical Alterations in the Stigma of *Hibiscus syriacus* (Malvaceae) During Flower**

Development

Cetinbas-Genc A., Yanik F., VARDAR F.

CARYOLOGIA, vol.72, pp.3-13, 2019 (Journal Indexed in SCI)

- **Salicylic acid-induced germination, biochemical and developmental alterations in rye (*Secale cereale* L.)**
Yanik F., Ayturk O., ÇETİNBAŞ GENÇ A., VARDAR F.
ACTA BOTANICA CROATICA, vol.77, pp.45-50, 2018 (Journal Indexed in SCI)
- **FLOWER ONTOGENY AND REPRODUCTIVE BIOLOGY OF *SALVIA VIRIDIS* L.**
ÇETİNBAŞ GENÇ A., Unal M.
PAKISTAN JOURNAL OF BOTANY, vol.49, pp.891-896, 2017 (Journal Indexed in SCI)
- **Developmental and Cytochemical Features of Male Reproductive Organ in *Crataegus tanacetifolia* (Lam.) Pers.**
ÇETİNBAŞ GENÇ A., Unal M.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.43, pp.507-514, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- **The Effect of Brassinosteroid on Pollen Germination and Tube Growth in Three *Dianthus* Species**
ÇETİNBAŞ GENÇ A.
Celal Bayar University Journal of Science, vol.15, pp.371-375, 2019 (Refereed Journals of Other Institutions)
- **Developmental Features of Reproductive Organs in *Viburnum tinus* L.**
ÇETİNBAŞ GENÇ A.
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.5, pp.243-250, 2019 (Refereed Journals of Other Institutions)
- **Bitkilerde Programlı Hücre Ölümü**
Yanik F., ÇETİNBAŞ GENÇ A., VARDAR F.
Marmara Fen Bilimleri Dergisi, vol.30, pp.157-166, 2018 (Other Refereed National Journals)
- **Timing of Reproductive Organs Maturity in Proterandrous *Malva sylvestris* L.**
ÇETİNBAŞ GENÇ A., ÜNAL M.
Notulae Scientia Biologicae, vol.9, pp.287-295, 2017 (Refereed Journals of Other Institutions)
- **Anther Ontogeny and Microsporogenesis in *Helianthus annuus* L. Compositae**
ÇETİNBAŞ GENÇ A., ÜNAL M.
Notulae Scientia Biologicae, vol.7, pp.52-56, 2015 (Refereed Journals of Other Institutions)
- **An Overview of Dichogamy in Angiosperms**
ÇETİNBAŞ GENÇ A., ÜNAL M.
Research in Plant Biology, vol.4, pp.9-27, 2014 (Refereed Journals of Other Institutions)
- **Comparative Ontogeny of Hermaphrodite and Pistillate Florets in *Helianthus annuus* L. Asteraceae**
ÇETİNBAŞ GENÇ A., ÜNAL M.
Notulae Scientia Biologicae, vol.4, pp.30-40, 2012 (Refereed Journals of Other Institutions)

Book & Book Chapters

- **in: Recent Advances in Plant Sciences**
Akgün Ö., ÇETİNBAŞ GENÇ A., Yanik F., VARDAR F.
The effects of putrescine application against aluminum toxicity in wheat (*Triticum aestivum*) roots, Vardar Filiz, Aydın Yıldız, Altinkut Uncuoğlu Ahu, Editor, Nova Science Publishers, pp.379-399, 2020
- **in: Recent Advances in Plant Sciences**
ÇETİNBAŞ GENÇ A., VARDAR F.
Programmed cell death in plant reproductive development, Vardar Filiz, Aydın Yıldız, Altinkut Uncuoğlu Ahu, Editor, Nova Science Publishers, pp.341-361, 2020
- **in: A Closer Look at the Comet Assay**
ÇETİNBAŞ GENÇ A., Kılıç Çakmak E., Yanik F., VARDAR F., ALTINKUT UNCULOĞLU A., Aydın Y.

Determination of aluminum-induced oxidative and genotoxic effects in sunflower leaves, Keith H. Harmon, Editor, Nova Science Publishers, pp.143-170, 2020

• **in: Advances in Health and Natural Sciences**

VARDAR F., Yanık F., ÇETİNBAŞ GENÇ A., Kurtuluş G.

Aluminum-induced toxicity and programmed cell death in plants, Yüksel Burcu, Karagül Mustafa Sencer, Editor, Nova Science Publishers, pp.155-181, 2019

Refereed Congress / Symposium Publications in Proceedings

- **The response of in vitro pollen germination and tube growth of lemon (*Citrus limon*) to putrescine**
ÇETİNBAŞ GENÇ A.
3th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 19 - 20 March 2020
- **Ameliorative effects of spermidine on cold-inhibited of pollen tube elongation in *Camellia sinensis***
ÇETİNBAŞ GENÇ A.
3th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 19 - 20 March 2020
- **Effect of storage temperatures on pollen viability of four hazelnut (*Corylus avellana* L.) genotypes.**
ÇETİNBAŞ GENÇ A.
2th International Congress of Academic Research, Bolu, Turkey, 17 - 19 February 2020
- **High-temperature effects on in-vitro pollen germination and tube elongation of *Punica granatum***
ÇETİNBAŞ GENÇ A.
2th International Congress of Academic Research, Bolu, Turkey, 17 - 19 February 2020
- **Developmentally programmed cell death hallmarks in stigmatic papillae of *Brassica oleracea* L.**
Bayam C., ÇETİNBAŞ GENÇ A.
II. International Green Biotechnology Congress, İstanbul, Turkey, 9 - 11 September 2019
- **Borik Asitin *Viburnum tinus* L. (*Caprifoliaceae*)'xx nin İn Vitro Polen Tüp Uzaması Üzerine Etkisi**
Kurtuluş G., ÇETİNBAŞ GENÇ A., Yanık F., VARDAR F.
International Agriculture, Environment and Health Congress, 26 - 28 October 2018
- **Effects of Low and High Temperature Stresses on Pollen Germination and Pollen Tube Growth in *Corylus avellana* cultivars**
ÇETİNBAŞ GENÇ A., CAI G., VARDAR F., ÜNAL M.
7th Balkan Botanical Congress, 10 - 14 September 2018
- **The Effects of Putrescine Application against Aluminum Toxicity in Wheat (*Triticum aestivum* L.) Roots**
VARDAR F., Akgün Ö., ÇETİNBAŞ GENÇ A., Yanık F.
4th International Congress on Applied Biological Sciences, 3 - 05 May 2018
- **Developmental Features of Male and Female Reproductive Organ in *Viburnum tinus* L.**
ÇETİNBAŞ GENÇ A., VARDAR F.
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
- **Comparison of Morphological and Biochemical Changes in Stigma Development of *Hibiscus syriacus* L. (*Malvaceae*)**
ÇETİNBAŞ GENÇ A., Yanık F., VARDAR F.
International Congress of Agriculture and Environment, 16 - 18 November 2017
- **Alüminyum Toksisitesinin *Ayçiçeği* (*Helianthus annuus* L.) Üzerindeki Etkilerinin Biyokimyasal ve Genotoksik Analizi**
ÇETİNBAŞ GENÇ A., Kılıç E., Yanık F., VARDAR F., ALTINKUT UNCUOĞLU A., Aydın Y.
4. Ulusal Botanik Kongresi, Turkey, 6 - 09 July 2017
- **Sıcaklık stresinin *Viburnum tinus* L. (*Caprifoliaceae*)' nin polen çimlenmesi ve polen tüp uzaması üzerine etkisi**
ÇETİNBAŞ GENÇ A., Kurtuluş G., Yanık F., VARDAR F.
4. Ulusal Botanik Kongresi, Turkey, 6 - 08 July 2017
- **Structural and Histochemical Alterations in the Development of the Stigma in *Viburnum tinus***
ÇETİNBAŞ GENÇ A., ÜNAL M.
ICPB 2017: 19th International Conference on Plant Biology, 21 - 22 June 2017
- **Early Flower Development Schedule in *Crataegus tanacetifolia* (Lam.) Pers**

ÇETİNBAŞ GENÇ A., ÜNAL M.

The International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOT), 15 - 17 May 2017

- **The Developmental Features of the Ovule and Embryo Sac in the Hermaphrodite Flowers of *Helianthus annuus* L**

ÇETİNBAŞ GENÇ A., ÜNAL M.

19TH INTERNATIONAL SUNFLOWER CONFERENCE, Edirne, Turkey, 29 May - 03 June 2016

- **Cytological Features of Apomixis in *Crataegus tanacetifolia* Lam Pers**

ÇETİNBAŞ GENÇ A., ÜNAL M.

International Congress on Applied Biological Sciences, Saraybosna, Bosnia And Herzegovina, 27 - 31 May 2016

- **Structural and Cytochemical Features of Stigma and Style of *Crataegus tanacetifolia* Lam Pers**

ÇETİNBAŞ GENÇ A., ÜNAL M.

International Congress on Applied Biological Sciences, Saraybosna, Bosnia And Herzegovina, 27 - 31 May 2016

- **The Effects of Salicylic Acid Application on Pigment Content and Antioxidant Enzyme Activities in Rye *Secale cereale* L**

YANIK F., ÖZLEM A., VARDAR F., ÇETİNBAŞ GENÇ A.

International Conference on Applied Biological Sciences (ICABS), 16 - 20 September 2015

- **Proterandrik *Malva Sylvestris* L nin Erkek ve Dişi Üreme Organlarının Karşılaştırmalı Gelişimi**

ÇETİNBAŞ GENÇ A., ÜNAL M.

Ulusal Botanik Kongresi, Turkey, 25 - 28 August 2015

- ***Salvia viridis* L nin Üreme Biyolojisi**

ÇETİNBAŞ GENÇ A., ÜNAL M.

Ulusal Botanik Kongresi., Turkey, 25 - 28 August 2015

- **Türkiye Endemiği Olan *Crataegus tanacetifolia* Lam Pers in Anter Ontogenisi**

ÇETİNBAŞ GENÇ A., ÜNAL M.

Ulusal Botanik Kongresi, Turkey, 25 - 28 October 2014

Tasks In Event Organizations

10 Mayıs 2018

Çetinbaş Genç A., Yaşamın içinden mikroorganizmalar, Art Activities, İstanbul, Turkey

Invited Congress and Symposium Activities

2018

International Agriculture, Environment and Health Congress, Working Group, Aydın, Turkey

2018

7th Balkan Botanical Congress, Working Group, Novi-Sad, Serbia And Montenegro

2018

4th International Congress on Applied Biological Sciences (ICABS), Working Group, Eskişehir, Turkey

2018

International Eurasian Conference on Biological and Chemical Sciences, Working Group, Ankara, Turkey

2017

International Congress of Agriculture and Environment, Working Group, Antalya, Turkey

2017

4. Ulusal Botanik Kongresi, Working Group, Afyon, Turkey

2017

19th International Conference on Plant Biology, Working Group, Vienna, Austria

2017

International Conference on Agriculture, Forest, Food Sciences and Technologies, Working Group, Nevşehir, Turkey

2016

19th International Sunflower Conference, Working Group, Edirne, Turkey

2016

2nd International Congress on Applied Biological Sciences, Working Group, Sarajevo, Bosnia And Herzegovina

2015

1st International Congress on Applied Biological Sciences, Working Group, Skopje, Macedonia

2015

2. Ulusal Botanik Kongresi , Working Group, Afyon, Turkey

2014

1. Ulusal Botanik Kongresi, Working Group, Antalya, Turkey

Citations

- Total Citations (WOS): 8
- h-index (WOS): 2