

Res. Asst. PhD Kadir BOZTAŞ

Personal Information

Office Phone: [+90 212 440 0000](tel:+902124400000) Extension: 14270

Email: kadir.boztas@istanbul.edu.tr

Web: <https://avesis.istanbul.edu.tr/kadir.boztas>

International Researcher IDs

ScholarID: Qa-yl6YAAAAJ

ORCID: 0000-0002-4638-4973

Publons / Web Of Science ResearcherID: AAC-8704-2020

Yoksis Researcher ID: 299585

Education Information

Doctorate, Istanbul University, Institute Of Graduate Studies In Sciences, Biyoloji, Turkey 2017 - 2024

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji, Turkey 2011 - 2014

Undergraduate, Istanbul University, Faculty Of Science, Biyoloji, Turkey 2007 - 2011

Dissertations

Doctorate, Floresan ve Elektron Mikroskop Görüntüleme Teknikleri ile Narcissus tazetta Bitkisinde Fitoplazma Enfeksiyon Mekanizmasının Belirlenmesi, Istanbul University, Faculty Of Science, Department Of Biology, 2024

Postgraduate, Mercimek (*Lens culinaris Medik.*) bitkisinde nişasta dallandırma enzimlerinin farklı fotoperiyodlardaki ekspresyon analizi, Istanbul University, Faculty Of Science, Department Of Biology, 2014

Research Areas

Life Sciences, Plant Biology, Plant Pathology, Natural Sciences

Academic Titles / Tasks

Research Assistant, Istanbul University, Faculty of Science, Department of Biology, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Enzyme Inhibitory, Physicochemical, and Phytochemical Properties and Botanical Sources of Honey, Bee Pollen, Bee Bread, and Propolis Obtained from the Same Apiary**
Gerçek Y. C., Dağsuyu E., Baştürk F. N., Kırkancı S., Yıldırım N., Kıskaç G., Özmener B., Ünlü Y. S., Kalkan S. N., Boztaş K., et al.
ANTIOXIDANTS, vol.13, no.12, pp.1-22, 2024 (SCI-Expanded)
- Comparative analysis of the complete chloroplast genome of endemic *Colchicum baytopiorum* CD. BRICKELL**
Morgil Gerçek H., Unlu O., Boztaş K., Tulum I., Öz G.

BRAZILIAN JOURNAL OF BOTANY, vol.47, no.3, pp.637-647, 2024 (SCI-Expanded)

- III. **Molecular Detection and Characterization of '*Candidatus* Phytoplasma mali' Associated With Phyllody on *Narcissus tazetta* in Türkiye**
BOZTAŞ K., Derecik K., Çağlayan K., TULUM I.
JOURNAL OF CROP HEALTH, vol.76, no.3, pp.683-691, 2024 (SCI-Expanded)
- IV. **Microwave hydrodistillation of *Pelargonium graveolens* L'Her leaves: Essential oil profile, phytochemical composition of wastewater, histo-anatomical structure**
BOZTAŞ K., GERÇEK Y. C., Turer G., Canli D., Bayram S., Celik S., Kirkinci S., Basturk F. N., Feizollahi S., ÖZ G., et al.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.27, pp.659-677, 2024 (SCI-Expanded)
- V. **Expression analyses of soluble starch synthase and starch branching enzyme isoforms in stem and leaf tissues under different photoperiods in lentil (*Lens culinaris* Medik.)**
Gerçek Y. C., Boztaş K., Aydın C., Morgil H., Baris I., Öz G., Tulum I.
Biologia, vol.77, no.2, pp.593-607, 2022 (SCI-Expanded)
- VI. **Characterization of Essential Oil and Wastewater from *Thymus nummularius* M. Bieb. and Micromorphological Examination of Glandular Trichomes**
GERÇEK Y. C., Bayram S., Çelik S., Canlı D., Mavalı M. H., BOZTAŞ K., Bastürk F. N., Kırkıncı S., Yeşil Y., KÖSESAKAL T., et al.
Journal of Essential Oil-Bearing Plants, vol.25, no.3, pp.690-706, 2022 (SCI-Expanded)
- VII. **Rutin mediated targeting of signaling machinery in cancer cells**
Perk A., SHATYNSKA-MYTSYK I., Gercek Y. C., Boztas K., Yazgan M., FAYYAZ S., FAROOQI A. A.
CANCER CELL INTERNATIONAL, vol.14, 2014 (SCI-Expanded)
- VIII. **Anticancer Activity of Essential Oils: Targeting of Protein Networks in Cancer Cells**
Aras A., IQBAL M. J., NAQVI S. K., Gercek Y. C., Boztas K., GASPARRI M. L., SHATYNSKA-MYTSYK I., FAYYAZ S., FAROOQI A. A.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, no.19, pp.8047-8050, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **In situ Detection and Investigation of The Ultrastructural Modifications of Phytoplasma Infection on Daffodil (*Narcissus tazetta*) Using a Combined Microscopy Approaches**
Derecik K., Boztaş K., Ulusoy M., Çağlayan K., Tulum I.
Agrica, no.13, pp.12-20, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Visualization of Phytoplasma Infection in Plant Tissues**
Boztaş K., Kocabağ H. D., Derecik K., Gazel M., Çağlayan K., Tulum I.
24th Biennial Congress of the International Organization for Mycoplasma (IOM), Osaka, Japan, 16 - 20 July 2023, no.15, pp.98-99
- II. **Molecular detection of '*Candidatus* Phytoplasma mali' associated with virescence in *Narcissus tazetta* in Turkey**
TULUM I., BOZTAŞ K., KOCABAĞ H. D., ÇAĞLAYAN K., DERECİK K.
The 5th Congress of the International Phytoplasma Working Group (IPWG), Muscat, UMMAN, 21 May 2023, vol.13, pp.113-114
- III. **Molecular detection of phytoplasma associated disease in Türkiye.**
Ünlü Y. S., Boztaş K., Tulum I.
2nd International Molecular Plant Protection Congress- IMPPC2023, Bursa, Turkey, 15 - 18 May 2023, pp.105-106
- IV. **Spreading status of '*Candidatus* Phytoplasma' in tomato and grapevine plants in Western Marmara region of Turkey**

Ünlü Y. S., Boztaş K., Öz G., Tulum I.

5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, no.1165, pp.65

V. Survey of the detection and characterization of 'Candidatus Phytoplasma' in Western Marmara region of Turkey

Boztaş K., Öz G., Ünlü Y. S., Tulum I.

8th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 9 - 12 June 2022, pp.112

VI. Antioxidant and Thioredoxin Reductase and Trypsin Inhibitor Activities of Honey, Bee Pollen and Bee Bread

Boztaş K., Dağsuyu E., Gerçek Y. C., Bayram N. E., Öz G., Yanardağ R.

3rd Eurasia Biochemical Approaches & Technologies (EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.41

VII. Amsonia orientalis Decne bitkisinin GC/MS analiz yöntemiyle kimyasal bileşiklerinin belirlenmesi

Ünlü Y. S., Morgil Gerçek H., Boztaş K., Öz G.

Ulusal Botanik Kongresi, Antalya, Turkey, 25 - 28 October 2014, no.72

VIII. Transcriptional regulation of the starch branching enzyme isoforms in the leaf and the stem under long and short photoperiod in lentil

Boztaş K., Baris I., Kavaklı H., Morgil H., Oz G. C.

FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, pp.694

Supported Projects

Erol O., Çiftçi A., Tulum I., Şık L., Tuna M., BOZTAŞ K., TÜBİTAK Project, A Comprehensive Study on the Systematics and Rhizosphere Biome of Crocus chrysanthus Herb. complex, 2023 - 2026

TULUM I., BOZTAŞ K., Project Supported by Higher Education Institutions, Floresan ve Elektron Mikroskop Görüntüleme Teknikleri ile Narcissus tazetta Bitkisinde Fitoplazma Enfeksiyon Mekanizmasının Belirlenmesi, 2019 - 2024

Boztaş K., Industrial Thesis Project, Yalancı İğde (Hippophae rhamnoides L.) Bitkisinin Yaprak ve Meyvelerinden Bitki Çayı Üretilmesi, 2013 - 2014

Memberships / Tasks in Scientific Organizations

The International Organization for Mycoplasmaology (IOM) , Member, 2023 - Continues, United States Of America

Metrics

Publication: 17

Citation (WoS): 89

Citation (Scopus): 95

H-Index (WoS): 3

H-Index (Scopus): 2

Congress and Symposium Activities

Öz G., Morgil H., Boztaş K., Ünlü Y.S. , Tuğcu F. , "Amsonia Orientalis Decne Bitkisinin Gc/Ms Analiz Yöntemiyle Kimyasal Bileşiklerinin Belirlenmesi", Ulusal Botanik Kongresi, İSTANBUL, TÜRKİYE, 25-28 Ekim 2014, ss.19-19, Attendee, İstanbul, Turkey, 2014

Öz G., Barış D.İ. , Morgil H., Kavaklı I.H., Boztaş K., "Transcriptional Regulation Of The Starch Branching Enzyme Isoforms In The Leaf And The Stem Under Long And Short Photoperiod In Lentil", The Federation of European Biochemical

Societies (FEBS), EMBO , Paris, FRANSA, 30 Ağustos - 4 Eylül 2014, pp.1-1, Attendee, Paris, France, 2014

Scholarships

2250-Lisansüstü Bursları Performans Programı, TUBITAK, 2022 - 2024

2224-A Yurt Dışı Bilimsel Etkinliklere Katılma Destegi Programı, TUBITAK, 2023 - 2023