

## Prof. ILGAZ AKATA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-6004-2020

ScopusID: 26324773200

Yoksis Researcher ID: 108507

### Biography

Araştırmacı 1975 doğumlu olup 2000 yılında Ankara Üniversitesi Biyoloji Bölümü'nden mezun olmuştur. Ankara Üniversitesi' Biyoloji Bölümü'nde 2002 yılında araştırma görevlisi olarak göreve başlayan araştırmacı Ankara Üniversitesi Fen Bilimleri Enstitüsü'nde yüksek lisansını ve doktorasını tamamlamıştır.

Araştırmacı, ziyaretçi araştırmacı olarak bulunduğu Vytautas Magnus Üniversitesi (Litvanya, 2015); Taras Shevchenko Üniversitesi (Ukrayna, 2014); M.G. Kholodny Botanik Enstitüsü (Ukrayna, 2013); Atina Üniversitesi (Yunanistan, 2008); Gent Üniversitesi (Belçika, 2006)'da yurt dışı akademik çalışmalarını yürütmüştür.

2013 yılında Mikoloji alanında Doçentlik ünvanını alan araştırmacı; Ankara Üniversitesi adına tescil ettirdiği ulusal bir patentte buluş sahibidir.

Araştırmacı şimdiye kadar 18 adet projede görev almış olup şuanda devam etmekte olan bir Tubitak 1001 projesinin de yürütücülüğünü yapmaktadır.

Araştırmacının 82 SCI; 35 ESCI/SCOPUS; 46 TR-Dizin; 3 Uluslararası indeks; 20 diğer dergilerde olmak üzere 186 adet makalesi bulunmaktadır.

Ayrıca 40 adet bildiri; 5 kitap bölümü yazarlığına sahip olan araştırmacı çalışmalarını öğretim üyesi olarak görev yaptığı Ankara Üniversitesi Biyoloji Bölümü'nde sürdürmektedir.

### Education Information

Doctorate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2004 - 2010

Postgraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2001 - 2004

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1994 - 2000

### Foreign Languages

English, C2 Mastery

## Dissertations

Doctorate, Ilgaz Dağı Milli Parkı ve yakın çevresinin makrofungus florası, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2010

Postgraduate, Kızılcahamam Soğuksu Milli Parkı Makrofungus Florası, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2004

## Research Areas

Life Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Biyoloji Bölümü, 2022 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Biyoloji Bölümü, 2013 - 2022

Research Assistant, Ankara University, Fen Fakültesi, Biyoloji Bölümü, 2002 - 2013

## Courses

EXCURSION , Undergraduate, 2023 - 2024, 2022 - 2023

Gastroid Funguslar, Postgraduate, 2023 - 2024, 2022 - 2023

Halüsinojenik Mantarlar, Undergraduate, 2023 - 2024

Arazi Uygulama Botanik, Undergraduate, 2023 - 2024, 2022 - 2023

Genel Botanik, Undergraduate, 2023 - 2024

General Biology II, Undergraduate, 2023 - 2024, 2022 - 2023

Hallucinogenic Mushrooms , Undergraduate, 2022 - 2023

BRYOLOGY, Undergraduate, 2023 - 2024, 2022 - 2023

Truffles, Undergraduate, 2022 - 2023

Türkiye'nin Zehirli Mantarları, Postgraduate, 2022 - 2023, 2021 - 2022

Laboratuary of General Biology II, Undergraduate, 2022 - 2023, 2021 - 2022

Special Project II, Undergraduate, 2022 - 2023, 2021 - 2022

TEZ ÇALIŞMASI, Doctorate, 2022 - 2023, 2021 - 2022

Trüf Mantarları, Undergraduate, 2022 - 2023

Medicinal Mushroom, Undergraduate, 2022 - 2023

uzmanlık alan dersi, Doctorate, 2022 - 2023, 2021 - 2022

PLANT DIVERSITY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

TEZ ÇALIŞMASI, Postgraduate, 2022 - 2023, 2021 - 2022

Etnomikoloji, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Tıbbi Mantarlar, Undergraduate, 2022 - 2023

Uzmanlık alan dersi, Postgraduate, 2022 - 2023, 2021 - 2022

Tohumsuz Bitkiler 1, Undergraduate, 2022 - 2023, 2021 - 2022

Plant diversity laboratuary, Undergraduate, 2022 - 2023, 2021 - 2022

Seminer, Postgraduate, 2022 - 2023

Tohumsuz Bitkiler Lab, Undergraduate, 2022 - 2023, 2021 - 2022

Tohumsuz Bitkiler II, Undergraduate, 2021 - 2022

LICHENOLOGY, Undergraduate, 2021 - 2022

Special Project I, Undergraduate, 2022 - 2023, 2021 - 2022

MYCOLOGY, Undergraduate, 2022 - 2023, 2021 - 2022

Cryptogamic Botany, Undergraduate, 2021 - 2022

seminer, Doctorate, 2021 - 2022

Laboratory of Cryptogamic Botany, Undergraduate, 2018 - 2019

## Advising Theses

Akata I., *Lactarius Cinsi Üyelerinin Konaklık Ettiği Mikovirüslerin Tanımlanması ve Moleküler Olarak Nitelendirilmesi*, Doctorate, A.KALIYEVA(Student), Continues

## Jury Memberships

Doctorate, Doctorate, Kastamonu Üniversitesi, August, 2024

Doctorate, Doctorate, Kastamonu Üniversitesi, June, 2024

Post Graduate, Post Graduate, Kastamonu Üniversitesi, June, 2024

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

- I. **Deep Learning-Based Classification of Macrofungi: Comparative Analysis of Advanced Models for Accurate Fungi Identification**  
Ozsari Ş., Kumru E., Ekinci F., Akata I., Guzel M. S., Acici K., Ozcan E., Asuroglu T.  
SENSORS, vol.24, no.22, pp.1-22, 2024 (SCI-Expanded)
- II. **Heavy metal analysis of wild edible mushrooms grown in Türkiye and assessment of possible carcinogenic and non-carcinogenic risk**  
Turhan Ş., AKATA I., Kumru E., Altuner E. M.  
Journal of Food Composition and Analysis, vol.135, 2024 (SCI-Expanded)
- III. **Complete Genome Analyses of a Novel Flexivirus with Unique Genome Organization and Three Endornaviruses Hosted by the Mycorrhizal Fungus *Terfezia claveryi***  
Akata I., Edis G., Özbey B. G., Keskin E., Şahin E.  
CURRENT MICROBIOLOGY, vol.81, no.7, 2024 (SCI-Expanded)
- IV. **Characterization of the Cytotoxic Compounds of *Lactarius salmonicolor* R. Heim and Leclair by Gas Chromatography-Mass Spectrometry and Chemometrics**  
Cam D., Cakir C., Karaman A. H., Abdelsalam A. H., SICAK Y., AKATA I., ARSLAN Ş., ÖZTÜRK M.  
ANALYTICAL LETTERS, 2024 (SCI-Expanded)
- V. ***Lepiota castanea* mushroom growing in Turkiye does not contain phallotoxins and amatoxins**  
Yilmaz I., AKATA I., Horoz E., Kaya E.  
Toxicon, vol.243, 2024 (SCI-Expanded)
- VI. **Molecular characterization of the complete genome of a novel ormycovirus infecting the ectomycorrhizal fungus *Hortiboletus rubellus***  
ŞAHİN E., Edis G., KESKİN E., AKATA I.  
Archives of Virology, vol.169, no.5, 2024 (SCI-Expanded)
- VII. **Full-length genome characterization of a novel mitovirus isolated from the root rot fungus *Armillaria mellea***  
Erkmen S., ŞAHİN E., AKATA I.  
Virus Genes, vol.60, no.1, pp.65-70, 2024 (SCI-Expanded)
- VIII. **Diverse partitiviruses hosted by the ectomycorrhizal agaric *Hebeloma mesophaeum* and the natural transmission of a partitivirus between phylogenetically distant, sympatric fungi**  
AKATA I., Edis G., KESKİN E., ŞAHİN E.  
Virology, vol.581, pp.63-70, 2023 (SCI-Expanded)

- IX. **Identification and complete genome sequencing of a novel betapartitivirus naturally infecting the mycorrhizal desert truffle *Terfezia claveryi***  
ŞAHİN E., ÖZBEY SARIDOĞAN B. G., KESKİN E., AKATA I.  
Virus Genes, vol.59, no.2, pp.254-259, 2023 (SCI-Expanded)
- X. **Anatolun A and B isolated from medicinal *Tricholoma anatolicum* are new cytotoxic ergostanoids against the most common cancers**  
Kaplaner E., Aydoğmuş-Öztürk F., Öztürk M., Akata I., Duru M. E.  
Natural Product Research, vol.37, no.22, pp.3787-3797, 2023 (SCI-Expanded)
- XI. **First reports of *Milesina* and *Triphragmium* from Turkey**  
Kabaktepe S., AKATA I.  
MYCOTAXON, vol.137, no.4, pp.929-934, 2022 (SCI-Expanded)
- XII. **Wild mushrooms from Ilgaz Mountain National Park (Western Black Sea, Turkey): element concentrations and their health risk assessment**  
KESKİN F., Sarikurkcu C., DEMİRRAK A., AKATA I., Tepe A. S.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.21, pp.31923-31942, 2022 (SCI-Expanded)
- XIII. **Molecular characterization of a new mitovirus hosted by the ectomycorrhizal fungus *Albatrellopsis flettii***  
AKATA I., KESKİN E., Sahin E.  
ARCHIVES OF VIROLOGY, vol.166, pp.3449-3454, 2021 (SCI-Expanded)
- XIV. **Production and Characterization of Nontoxic and Biodegradable Chitosan-Ectomycorrhizal Fungi Spores Blend Films**  
Akyuz Yilmaz B., Karaduman T., ÇİÇEK M., AKATA I., KAYA M.  
WASTE AND BIOMASS VALORIZATION, vol.12, no.11, pp.5899-5908, 2021 (SCI-Expanded)
- XV. **Molecular characterization of the complete genome of a novel partitivirus hosted by the saprobic mushroom *Leucocybe candicans***  
Sahin E., KESKİN E., AKATA I.  
ARCHIVES OF MICROBIOLOGY, vol.203, no.9, pp.5825-5830, 2021 (SCI-Expanded)
- XVI. **Element concentration, daily intake of elements, and health risk indices of wild mushrooms collected from Belgrad Forest and Ilgaz Mountain National Park (Turkey)**  
KESKİN F., Sarikurkcu C., AKATA I., TEPE B.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.37, pp.51544-51555, 2021 (SCI-Expanded)
- XVII. **The unique genome organization of two novel fusariviruses hosted by the true morel mushroom *Morchella esculenta***  
Sahin E., KESKİN E., AKATA I.  
VIRUS RESEARCH, vol.302, 2021 (SCI-Expanded)
- XVIII. **Molecular characterization of a new endornavirus inhabiting the ectomycorrhizal fungus *Hygrophorus penarioides***  
Sahin E., Akata I., Keskin E.  
BRAZILIAN JOURNAL OF MICROBIOLOGY, vol.52, no.3, pp.1167-1172, 2021 (SCI-Expanded)
- XIX. **Metal concentrations of wild mushroom species collected from Belgrad forest (Istanbul, Turkey) with their health risk assessments**  
KESKİN F., Sarikurkcu C., AKATA I., TEPE B.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.27, pp.36193-36204, 2021 (SCI-Expanded)
- XX. **Evaluation of the metal concentrations of wild mushroom species with their health risk assessments**  
Sarikurkcu C., YILDIZ D., AKATA I., TEPE B.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.17, pp.21437-21454, 2021 (SCI-Expanded)
- XXI. **Metal concentration and health risk assessment of eight *Russula* mushrooms collected from Kizilcahamam-Ankara, Turkey**  
Sarikurkcu C., AKATA I., TEPE B.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.13, pp.15743-15754, 2021 (SCI-Expanded)
- XXII. **Molecular characterization of a novel partitivirus hosted by the false morel mushroom *Gyromitra***

**esculenta**

Sahin E., KESKİN E., AKATA I.

ARCHIVES OF VIROLOGY, vol.166, no.4, pp.1247-1251, 2021 (SCI-Expanded)

- XXIII. **Full-length genome characterization of a novel alphapartitivirus detected in the ectomycorrhizal fungus *Hygrophorus penarioides***  
Sahin E., Akata I.  
VIRUS GENES, vol.57, no.1, pp.94-99, 2021 (SCI-Expanded)
- XXIV. **BIOLOGICAL ACTIVITIES AND HEAVY METAL CONTENTS OF SOME PHOLIOTA SPECIES**  
Islek C., Özbey Sarıdoğan B. G., Sevindik M., Akata I.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, no.6, pp.6109-6114, 2021 (SCI-Expanded)
- XXV. **New additions to Turkish mycota from Ankara, Balıkesir, and Kutahya provinces**  
Altuntas D., BOZOK F., TAŞKIN H., Kabaktepe S., ALLI H., AKATA I.  
TURKISH JOURNAL OF BOTANY, vol.45, no.1, pp.83-94, 2021 (SCI-Expanded)
- XXVI. **Novel and diverse mycoviruses co-inhabiting the hypogeous ectomycorrhizal fungus *Picoa juniperi***  
Sahin E., KESKİN E., AKATA I.  
VIROLOGY, vol.552, pp.10-19, 2021 (SCI-Expanded)
- XXVII. **Full-length genome characterization of a new fusagravirus hosted by the spring orange peel fungus *Caloscypha fulgens***  
Sahin E., Keskin E., Akata I.  
ACTA VIROLOGICA, vol.65, no.3, pp.313-319, 2021 (SCI-Expanded)
- XXVIII. **Toxin components and toxicological importance of *Galerina marginata* from Turkey**  
AKATA I., Yilmaz I., KAYA E., COŞKUN N. C., Donmez M.  
TOXICON, vol.187, pp.29-34, 2020 (SCI-Expanded)
- XXIX. **Metal concentration and health risk assessment of fifteen wild mushrooms collected from the Ankara University Campus (Turkey)**  
Sarıkurkcu C., Sarıkurkcu R. T., AKATA I., TEPE B.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.26, pp.32474-32480, 2020 (SCI-Expanded)
- XXX. **Novel and divergent bipartite mycoviruses associated with the ectomycorrhizal fungus *Sarcosphaera coronaria***  
Sahin E., Akata I., Keskin E.  
VIRUS RESEARCH, vol.286, 2020 (SCI-Expanded)
- XXXI. **Metal concentration and health risk assessment of wild mushrooms collected from the Black Sea region of Turkey**  
Sarıkurkcu C., AKATA I., GÜVEN G., TEPE B.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.21, pp.26419-26441, 2020 (SCI-Expanded)
- XXXII. **Production and characterization of chitosan-fungal extract films**  
Koc B., AKYÜZ L., ÇAKMAK Y. S., Sargin I., Salaberria A. M., Labidi J., İlk S., ÇEKİÇ F. Ö., AKATA I., KAYA M.  
FOOD BIOSCIENCE, vol.35, 2020 (SCI-Expanded)
- XXXIII. **Complete genome sequence of a novel mitovirus from the ectomycorrhizal fungus *Geopora sumneriana***  
Sahin E., Akata I.  
ARCHIVES OF VIROLOGY, vol.164, no.11, pp.2853-2857, 2019 (SCI-Expanded)
- XXXIV. **Two new species of *Amanita* sect. *Phalloideae* from Africa, one of which is devoid of amatoxins and phallotoxins**  
Fraiture A., Amalfi M., Raspe O., KAYA E., AKATA I., Degreeef J.  
MYCOKEYS, vol.53, no.53, pp.93-125, 2019 (SCI-Expanded)
- XXXV. **Enzyme inhibitory and antioxidant properties of six mushroom species from the Agaricaceae family**  
Akata I., Zengin G., Picot C. M. N., Mahomoodally M. F.  
South African Journal of Botany, vol.120, pp.95-99, 2019 (SCI-Expanded)
- XXXVI. ***Lepiota cristata* does not contain amatoxins or phallotoxins**  
Yilmaz I., AKATA I., Bakirci S., KAYA E.

- TOXIN REVIEWS, vol.37, no.2, pp.149-153, 2018 (SCI-Expanded)
- XXXVII. ***Puccinia marrubii* (Pucciniaceae), a new rust species on *Marrubium globosum* subsp *globosum* from Nigde and Malatya in Turkey**  
Kabaktepe S., MUTLU B., KARAKUŞ Ş., AKATA I.  
PHYTOTAXA, vol.272, no.4, pp.277-286, 2016 (SCI-Expanded)
- XXXVIII. **Use of gaseous ozone to reduce aflatoxin B-1 and microorganisms in poultry feed**  
TORLAK E., AKATA I., Erci F., UNCU A. T.  
JOURNAL OF STORED PRODUCTS RESEARCH, vol.68, pp.44-49, 2016 (SCI-Expanded)
- XXXIX. **New records of Basidiomycota from Trabzon, Tokat, and Istanbul provinces in Turkey**  
Sesli E., Türkekul İ., Akata I., Niskanen T.  
TURKISH JOURNAL OF BOTANY, vol.40, no.5, pp.531-545, 2016 (SCI-Expanded)
- XL. **An outbreak of non-fatal mushroom poisoning with *Omphalotus olearius* among Syrian refugees in Izmir, Turkey**  
Bal A., Anil M., Yilmaz I., AKATA I., Atilla O. D.  
TOXIN REVIEWS, vol.35, no.1-2, pp.1-3, 2016 (SCI-Expanded)
- XLI. **A Case Study: What Doses of *Amanita phalloides* and Amatoxins Are Lethal to Humans?**  
Yilmaz I., Ermis F., AKATA I., KAYA E.  
WILDERNESS & ENVIRONMENTAL MEDICINE, vol.26, no.4, pp.491-496, 2015 (SCI-Expanded)
- XLII. **Efficacy of gaseous ozone for reducing microflora and foodborne pathogens on button mushroom**  
AKATA I., TORLAK E., Erci F.  
POSTHARVEST BIOLOGY AND TECHNOLOGY, vol.109, pp.40-44, 2015 (SCI-Expanded)
- XLIII. **A Case Study: Rare *Lepiota brunneoincarnata* Poisoning**  
KÖSE M., Yilmaz I., AKATA I., KAYA E., Guler K.  
WILDERNESS & ENVIRONMENTAL MEDICINE, vol.26, no.3, pp.350-354, 2015 (SCI-Expanded)
- XLIV. **Toxin content and toxicological significance in different tissues and development stages of *Lepiota brunneoincarnata* mushroom**  
Yilmaz I., Bakirci S., AKATA I., Bayram R., KAYA E.  
TOXIN REVIEWS, vol.34, no.3, pp.109-114, 2015 (SCI-Expanded)
- XLV. **Physicochemical Properties of Chitin and Chitosan Produced from Medicinal Fungus (*Fomitopsis pinicola*)**  
KAYA M., AKATA I., BARAN T., MENTEŞ A.  
FOOD BIOPHYSICS, vol.10, no.2, pp.162-168, 2015 (SCI-Expanded)
- XLVI. **First record of *Erysiphe syringae-japonicae* in Turkey**  
Akata I., Heluta V. P.  
MYCOTAXON, vol.130, no.1, pp.259-264, 2015 (SCI-Expanded)
- XLVII. **Metal concentration of wild edible mushrooms in Soguksu National Park in Turkey**  
Sarikurkcü C., Copur M., YILDIZ D., AKATA I.  
FOOD CHEMISTRY, vol.128, no.3, pp.731-734, 2011 (SCI-Expanded)
- XLVIII. **New records of lichenicolous and lichenized fungi from Turkey**  
HALICI M. G., AKATA I., KOCAKAYA M.  
MYCOTAXON, vol.114, pp.311-314, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Initial Report of *Inocybe costinittii* in Türkiye with Morphological and Molecular Data**  
AKATA I., Edis G., Kumru E., Acar İ., ŞAHİN E.  
KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.27, no.6, pp.1304-1312, 2024 (ESCI)
- II. **Molecular characterization and comparative genomic analysis of two triamitovirus isolates hosted**

**by the hypogean fungus *Tuber excavatum* Vittad.**

BORA E., AKATA I., KESKİN E., SAHİN E., SAHİN E.

Trakya University Journal of Natural Sciences, vol.25, no.2, pp.169-176, 2024 (ESCI)

**III. Identification and full-length genome characterization of a novel mitovirus hosted by the truffle species *Tuber rufum***

AKATA I., Edis G., Kumru E., ŞAHİN E.

VirusDisease, vol.35, no.3, pp.531-536, 2024 (Scopus)

**IV. Taxonomic Studies on *Rhodocybe asyae* Specimens Discovered in a New Location**

Akata I., Ediş G., Kumru E., Acar İ., Sahin E.

KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.27, no.(Suppl 1), pp.124-132, 2024 (ESCI)

**V. Viruses infecting macrofungi**

Sahin E., AKATA I.

VirusDisease, vol.29, no.1, 2018 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

**I. Diversity of Wild Medicinal Mushrooms in Turkey**

Akata I., Sevindik M.

International Eurasian Conference on Biotechnology and Biochemistry (BioTechBioChem 2020), Ankara, Turkey, 16 - 18 December 2020, pp.243

**II. Investigation of Polyphenol Contents and Antioxidant Activities of *Lactarius deliciosus* and *Lactarius salmonicolor* Mushrooms**

Shomali N., Onar O., Akata I., Yıldırım O.

12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.347

**III. Ecology and Distribution of Turkish Sclerodermataceae**

AKATA I.

ECOLOGY 2017 INTERNATIONAL SYMPOSIUM, Kayseri, Turkey, 11 - 13 May 2017, pp.130

**IV. Wild Edible Mushroom Species Available In Local Markets Of Black Sea Region**

AKATA I.

International Symposium on Biodiversity and Edible Wild Species (BEWS2017), Antalya, Turkey, 3 - 05 May 2017, pp.68

**V. Hallucinogenic mushrooms and their legal status in Turkey**

AKATA I.

2nd International Congress of Forensic Toxicology Industrial and Environmental Toxicology Ankara-Turkey May 26- 30, 2016, Ankara, TURKEY, Ankara, Turkey, 26 - 30 May 2016

**VI. Poisonous Mushrooms of Turkey**

Akata I.

International Conference of Young Scientist "Advances in Botany and Ecology, Uman, Zhytomyr, Ukraine, 9 - 14 September 2014, pp.36

## Supported Projects

Akata I., Özbey B. G., Şahin E., Kabaktepe Ş., TUBITAK Project, Elâzığ Yöresi Vasküler Bitkileri Üzerinde Tespit Edilen Parazitik Mikrofungusların Taksonomik Olarak Değerlendirilmesi ve Konaklık Ettikleri Virüslerin Araştırılması, 2024 - 2027

Akata I., Şahin E., Gündoğdu M., Kaya S., TUBITAK Project, Dermatofitoz Etmeni *Trichophyton Rubrum*?U Enfekte Eden Mikovirüslerin Tanımlanması, Genomik Olarak Nitelendirilmesi Ve Konaklarında Meydana Getirdikleri Fenotipik Etkilerin Araştırılması, 2023 - 2026

Akata I., Kaliyeva A., Project Supported by Higher Education Institutions, Lactarius Cinsi Üyelerinin Konaklık Ettiği Mikovirüslerin Tanımlanması ve Moleküler Olarak Nitelendirilmesi, 2023 - 2025

Akata I., Keskin E., Şahin E., TÜBİTAK Project, Trakya Bölgesi'nin Türkiye Sınırları İçerisinde Yer Alan Kısmında Yayılış Gösteren Trüf Mantarlarını Enfekte Eden Fungal Virüslerin Tanımlanması ve Moleküler Özelliklerinin Belirlenmesi, 2022 - 2025

Akata I., Kulaksız İ., Project Supported by Higher Education Institutions, Ankara Üniversitesi Fen Fakültesi Biyoloji Bölümü Fungaryumu'nda Bulunan Bazı Mantar Örneklerinin Genetik Olarak Barkodlanması, 2023 - 2024

Akata I., Saif H., Project Supported by Higher Education Institutions, Morchellaceae Üyelerini Doğal Olarak Enfekte Eden RNA Mikovirüslerinin Tanımlanması ve Moleküler Olarak Nitelendirilmesi, 2023 - 2024

Akata I., Kumru E., Project Supported by Higher Education Institutions, Türkiye'nin Farklı Bölgelerinde Yayılış Gösteren Amanita Türlerini Enfekte Eden RNA Virüslerinin Tanımlanması ve Moleküler Özelliklerinin Belirlenmesi, 2022 - 2024

Akata I., Şahin E., Özbey B. G., Project Supported by Higher Education Institutions, Terfezia Cinsine Ait Bazı Türleri Enfekte Eden Mikovirüslerin Tanımlanması Ve Moleküler Özelliklerinin Belirlenmesi, 2022 - 2024

Akata I., Öztürk M., TÜBİTAK Project, Yenilebilir Bazı Mantarların Sitotoksik Aktiviteden Sorumlu Bileşiklerinin İzolasyonu ve Yapılarının Aydınlatılması ve Metastazı Engelleme Potansiyellerinin in vitro Belirlenmesi, 2021 - 2024

Akata I., Ediş G., Project Supported by Higher Education Institutions, Ankara Üniversitesi Beşevler 10. Yıl Yerleşkesi'nde Yayılış Gösteren Bazı Ektomikorizal Makrofungusları Enfekte Eden RNA Virüslerinin Tanımlanması ve Moleküler Özelliklerinin Belirlenmesi , 2021 - 2022

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## Patent

Akata I., ZEHİRLİ MANTARLARIN VE MANTAR ZEHİRLENMELERİNİN AYIRICI TANISINI SAĞLAYAN ALFA AMANİTİNE DUYARLI İMMÜNOKROMATOGRAFİK KART TEST, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2017 09563 B , Standard Registration, 2020

## Activities in Scientific Journals

MANTAR DERGİSİ, Committee Member, 2015 - 2021

TRAKYA UNIVERSITY JOURNAL OF NATURAL SCIENCES, Committee Member, 2017 - 2020

## Scientific Refereeing

TRAKYA UNIVERSITY JOURNAL OF NATURAL SCIENCES, Journal Indexed in ESCI, August 2024

TURKISH JOURNAL OF BOTANY, SCI Journal, July 2024

KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, Journal Indexed in ESCI, June 2024

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Kahramanmaraş Sütçü İmam Üniversitesi Tarım ve Doğa Dergisi, Journal Indexed in ESCI, March 2023

## **Scientific Consultations**

TÜBİTAK, Project Consultancy, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey, 2023 - 2023

## **Metrics**

Publication: 350

Citation (WoS): 1420

Citation (Scopus): 1249

H-Index (WoS): 20

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## **Awards**

Akata I, ÜNAL M. A., YEŞİLBAĞ M., Ankara Üniversitesi Ödülleri, Ankara Üniversitesi, January 2023

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