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3. International Eurasian Mycology Congress

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Book of Proocedings and Abstracts

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3rd INTERNATIONAL EURASIAN MYCOLOGY CONGRESS (EMC'22)

3. ULUSLARARASI AVRASYA MİKOLOJİ KONGRESİ (EMC'22)

BOOK OF PROCEEDINGS AND ABSTRACTS

TAM METİN VE ÖZET KİTABI

September 07-09, 2022

Van-Türkiye

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3. ULUSLARARASI AVRASYA MİKOLOJİ KONGRESİ (EMC'22)

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3. ULUSLARARASI AVRASYA MİKOLOJİ KONGRESİ (EMC'22)

September 07-09, 2022

Wednesday, Thursday, Friday

in Faculty of Engineering at Van Yüzüncü Yıl University

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FACE to FACE PROGRAM

07.09.2022-Wednesday		
9:00-11:00	Registration	Faculty of Engineering
11:30-12:30	Opening Ceremony	Faculty of Engineering (Hall 1)
12:30-13:30	Lunch	University Central Restaurant
Plenary Sessions	**Chair: Prof. Dr. Younes REZAEE DANESH, Prof. Dr. Alev HALİKİ UZTAN**	
Invited Speakers		
13:30-14:00	European Species of the Genus *Melanoleuca* Basidiomycota Agaricales *Prof. Dr. Vladimír Antonín*	
14:00-14:30	Studies on Basidiomycetes from the Field to the Laboratory *Prof. Dr. Ertuğrul Sesli*	
14:30-15:00	Fungal Biotechnology of Türkiye *Prof. Dr. H. Halil Biyik*	
15:00-15:30	**Coffee Break**	
15:30-16:00	Revealing Soil Fungal Biodiversity in Natural and Agricultural Ecosystems: The Role of Arbuscular Mycorrhizal Fungi (AMF) and Their Potential as Bio-fertilizers *Prof. Dr. Valeria Bianciotto*	
16:00-16:30	Nano-elicitor Constructed from Fungal Metabolites for Plant Immunity *Assoc. Prof. Dr. Kasem Soytong*	
16:30-16:45	**Coffee Break**	
Session 1 (Hall 1): Fungal Biodiversity Chair: Prof. Dr. Celaleddin ÖZTÜRK, Prof. Dr. Tülin AŞKUN		
16:45-17:00	Microfungus Diversity of Salda Lake Türkiye an Alkaline Lake *Semra İlhan, Emine Irdem, Ömer Topyıldız*	
17:00-17:15	New Strategies for Molecular Identification of *Aspergillus* Section *Nigri* Species *Yüksel Gezgin*	
17:15-17:30	Contributions to the Turkish Mycobiota New Species Records *Merve Ulukapı, Faruk Selçuk*	
17:30-17:45	Contributions to the Turkish Mycobiota New Genera Records *Faruk Selçuk, Merve Ulukapi*	
17:45-18:00	Hakkari Türkiye Ilinden Yeni Bir Vibrisseaceous Mantar Kaydı *İsmail Acar, Yusuf Uzun, Luis Quijada*	
18:00-18:15	Hypogeous Sequestrate Higher Basidiomycetes of Türkiye and Their Distribution *Yasin Uzun, Veysel Batur, Abdullah Kaya*	
Session 2 (Hall 2): Fungal Biodiversity Chair: Prof. Dr. Faruk SELÇUK, Prof. Dr. Sevda KIRBAĞ		
16:45-17:00	Antifungal Activity of Six Nanoparticles of Zinc Copper Cerium Oxide Silver Gold and Selenium against Clinical Isolates of *Aspergillus* Species *Shaghayegh Moghadam, Behnam Azari, Hossein Zarrinfar, Majid Darroudi, Zahra Sabouri, Mohsen Dashti*	
17:00-17:15	Molecular Identification of *Aspergillus* Species in Covid 19 Patients Associated with Fungal Rhinosinusitis *Seyedeh Sabereh Mojtahedi, Hossein Zarrinfar, Mohammad Javad Najafzadeh, Mehdi Bakhshaee, Emane Roshanzamir, Jos Houbrakenss*	
17:15-17:30	Pulmonary Candidiasis Molecular Identification and Antifungal Susceptibility Patterns *Seyedeh Sabereh Mojtahedi, Hossein Zarrinfar, Shaghayegh Moghadam, Neginsadat Hosseinikarger*	

17:30-17:45	Contributions to the Agaricales of Türkiye *Mustafa Emre Akçay, Seyfettin Kaya, Sedat Kesici, Cemil Sadullahoğlu*
17:45-18:00	Hakkari İlinden Türkiye Mikotasi için İki Yeni Galerina Kaydı *Cemil Sadullahoğlu, Sedat Kesici, Yusuf Uzun, Mustafa Emre Akcay*
18:00-18:15	Functional Properties of Iranian Agaric Mushrooms *Masoomeh Ghobad Nejhad, Vladimir Antonin*
08.09.2022-Thursday	
8:00-9:30 (VAN Breakfast in Edremit Seyir Hills)	
Session 3 (Hall 1): Medicinal Fungi Chair: Prof. Dr. Gıyasettin KAŞIK, Assoc. Prof. Dr. Mehmet AKYÜZ	
10:45-11:00	Distribution of Candida Species Isolated from Blood Cultures During the Pandemic Period and Evaluation of Antifungal Susceptibility *Senanur Aydoğan, Rugiyya Samadzade, Salih Macin, Hatice Türk Dağı, Duygu Fındık*
11:00-11:15	The Evaluation of Antioxidant Antimicrobial Antidiabetic Activities and Anatomical Properties of *Armillaria mellea* Vahl P Kumm Physalaciriaceae *Ayşe Civaş, Enes Tekman, Hafize Yuca, Bilge Aydin, Elif Beyza Özer, Mohaddeseh Nobarirezaeyeh, Muhammed Ziya Şahinöz, Ilgaz Akata, Gamze Göğer, Aydan Acar Sahin, Songül Karakaya, Nur Münevver Pınar, Zühal Güvenalp*
11:15-11:30	Evaluation of *In Vitro* Antidiabetic Antioxidant Antimicrobial Activities and Anatomical Properties of an Edible Mushroom *Macrolepiota procera* Scop Singer *Elif Beyza Özer, Muhammed Ziya Şahinöz, Mohaddeseh Nobarirezaeyeh, Ayşe Civas, Bilge Aydin, Enes Tekman, Hafize Yuca, Aydan Acar Sahin, Gamze Göğer, Ilgaz Akata, Songul Karakaya, Nur Munevver Pinar, Zuhal Guvenalp*
11:30-11:45	The Evaluation of Antioxidant Antidiabetic Antimicrobial Activities and Anatomical Properties of *Tricholoma terreum* Schaeff P Kumm Tricholomataceae *İsmail Çağrı Aydın, Muhammed Sait Ertuğrul, Hafize Yuca, Enes Tekman, Ayşe Civaş, Bilge Aydın, Aydan Acar Şahin, Gamze Göğer, Ilgaz Akata, Mohaddeseh Nobarirezaeyeh, Elif Beyza Özer, Muhammed Ziya Şahinöz, Songül Karakaya, Nur Münevver Pınar, Zühal Güvenalp*
11:45-12:00	The Evaluation of Antioxidant Antidiabetic Antimicrobial Activities and Anatomical Properties of *Clitocybe nebularis* Batsch P Kumm Tricholomataceae *Bilge Aydın, Mohaddeseh Nobarirezaeyeh, Ayşe Civaş, Enes Tekman, Hafize Yuca, Elif Beyza Özer, Muhammed Ziya Şahinöz, Ilgaz Akata, Gamze Göğer, Aydan Acar Şahin, Songül Karakaya, Nur Münevver Pınar, Zühal Güvenalp*
12:00-12:15	The Estimation of Antioxidant Antimicrobial Antidiabetic Activities and Anatomical Properties of an Edible Mushroom *Pleurotus ostreatus* Jacq P Kumm Pleurotaceae *Enes Tekman, Hafize Yuca, Ayşe Civaş, Bilge Aydın, Elif Beyza Özer, Mohaddeseh Nobarirezaeyeh, Muhammet Ziya Şahinöz, Ilgaz Akata, Gamze Göğer, Aydan Acar Şahin, Songül Karakaya, Nur Münevver Pınar, Zühal Güvenalp*
12:15-12:30	A Case with Fungal Keratit Developed to Corneal Melting *Ülkü Demir*
12:30-12:45	Evaluation of *Candida* Types and Antifungal Sensitivity in Endotracheal Aspirate Samples of Icu Patients *Feray Ferda Şenol, Fatma Günbey, Zülal Aşçı Toraman*
12:30-13:30	Lunch (University Central Restaurant)

Session 4 (Hall 2): Medicinal Fungi Chair: Prof. Dr. Semra İLHAN, Assoc. Prof. Dr. Hossein ZARRINFAR	
10:45-11:00	The Assessment of Antioxidant Antimicrobial Antidiabetic Activities and Anatomical Properties of *Lepista nuda* Bull Cooke Tricholomataceae *Mohaddeseh Nobarirezaeyeh, Muhammed Ziya Sahninsoz, Elif Beyza Özer, Bilge Aydın, Ayşe Civas, Enes Tekman, Hafize Yuca, Gamze Göğer, Ilgaz Akata, Aydan Acar Şahin, Songül Karakaya, Nur Munevver Pınar, Zuhal Guvenalp*
11:00-11:15	Screening of *In Vitro* Antidiabetic Antioxidant Antimicrobial Activities and Anatomical Properties of an Edible Mushroom *Lycoperdon pyriforme* Schaeff *Hafize Yuca, Enes Tekman, Ayşe Civaş, Bilge Aydın, Aydan Acar Şahin, Gamze Göğer, Ilgaz Akata, Mohaddeseh Nobarirezaeyeh, Elif Beyza Özer, Muhammed Ziya Şahinöz, Songül Karakaya, Nur Münevver Pınar, Zühal Güvenalp*
11:15-11:30	Assessment of *In Vitro* Antidiabetic Antioxidant Antimicrobial Activities and Anatomical Properties of *Coprinus atramentarius* Bull Fr. *Muhammed Ziya Şahinöz, Elif Beyza Özer, Mohaddeseh Nobarirezaeyeh, Ayşe Civaş, Bilge Aydın, Enes Tekman, Hafize Yuca, Aydan Acar Şahin, Gamze Göğer, Ilgaz Akata*
11:30-11:45	Determination of Catalase Enzyme Activity and Reduced Glutathione Level from the Extracts Obtained from *Lepista nuda* *Mustafa Bilici*
11:45-12:00	Determination of Medicinal Effects of *Ganoderma adspersum* Schulzer Donk *Şule İnci*
12:00-12:15	Determination of Antimicrobial and Antioxidant Effect of *Suillus luteus* L Roussel *Şule İnci, Sevda Kırbağ*
12:15-12:30	Expression of Sap Genes 1 10 and Biofilm Formation in *Candida* spp. Comparison of Healthcare Associated Infection Isolates from Bloodstream with Isolates from Other Sources *Ahmed Moustapha Nsangou, Rugiyya Samadzade, Tuğçe Duran, Salih Macin, Merve Aydın, Duygu Fındık*
12:30-12:45	The Importance of Early Diagnosis and Effective Treatment in Rino Orbito Cerebral Mucormycosis *Canser Yılmaz Demir*
12:30-13:30	**Lunch (University Central Restaurant)**

08.09.2022-Thursday	
Session 5 (Hall 1): Fungal Biotechnology and Chemistry Chair: Prof. Dr. Mustafa YAMAÇ, Assoc. Prof. Dr. Hakan ALLI	
13:30-13:45	Extraction Characterization and Biological Activity of Chitosan from a Fungal Mycelial Waste *Burcu Atlı, Mustafa Yamaç, Zeki Yıldız, Zerrin Cantürk*
13.45-14:00	Fungal Pigments and Their Advantages in Industrial Biotechnology *Selma Kıraç, Yüksel Gezgin*
14:00-14:15	The Biotechnological Potential of the Macrofungi Isolates Obtained from Bilecik Province *Mustafa Yamaç, Hasan Hüseyin Doğan, Hakan Allı, Bahar Gülce Korkmaz Kahveci*
14:15-14:30	Türkiye'den Zehirli İki Mantar Türü *Russula emetica* Schaeff Pers ve *Boletus satanas* Lenz in Antimikrobiyal Antioksidan Aktiviteleri ve Enzim İnhibisyonu *Merve Koçak, Erdoğan Güneş, Sinan Aktaş, Habibe Ünal*
14:30-14:45	**Coffee Break**

14:45-15:00	Evaluation of B Galactosidase Enzymes Production by *Aspergillus* Section *Nigri* Species Isolated from Dried Figs *Yüksel Gezgin, Ayşegül Yoltaş, Ebru Kocadağ Kocazorbaz*
15:00-15:15	Kestel Bölgesinde Kadinhanı Konya Yaygın Olarak Yetişen Bazı Makromantarların Mineral Kompozisyonu *Raziye Büşra Aydemir, Gıyasettin Kaşık, Celaleddin Öztürk, Sinan Alkan*
15:15-15:30	Mineral Compositions and Morphological Characterizations of Some Edible Natural Basidiomycota Species *Sinan Alkan, Giyasettin Kaşık, İlker Akın*
15:30-15:45	Possibilities of Using Myconanotechnology in Combating *Verticillium dahliae* Fungal Pathogen *Hilal Acay, Ayfer Yıldırım*
15:45-16:00	Antioxidant Antimicrobial and Cytotoxic Activities of *Ganoderma* Isolates from Turkiye *Göksu Ceylan, Mustafa Yamaç, Mustafa Kemal Soylu, Hasan Hüseyin Doğan, Zerrin Cantürk*
Session 6 (Hall 1): Mushroom Cultivation Chair: Prof. Dr. İbrahim TÜRKEKUL, Assoc. Prof. Dr. Şeyda ÇAVUŞOĞLU	
16:30-16:45	Use of Biogas Waste Fermented Corn Silage as a Casing Material in the Production of Cultivated Mushrooms *Agaricus bisporus* *Erkan Eren, Mehmet Çetin, Levent Türkler, Şeyda Çavuşoğlu*
16:45-17:00	A Research on the Cultivation of *Pleurotus nebrodensis* Inzenga Quel *Mehmet Akyüz, Sevda Kırbağ*
17:00-17:15	Problems Detected in Truffle Cultivation in Türkiye *Hakan Allı, Sevgin Özderin*
17:15-17:30	Hasat Sonrası Kestane Mantarına (*Agaricus campestris*) Uygulanan Melatonin ve Jelatinin Toplam Fenolik ve Antioksidan Kapasitesi İçeriği Üzerine Etkisi *Şeyda Çavuşoğlu, Nurettin Yılmaz, Onur Tekin, Ramazan Ağın, Mehmet Ali Koyuncu*
Session 7 (Hall 2): Fungal Taxonomy and Biodiversity Chair: Prof. Dr. Abdullah KAYA, Prof. Dr. Makbule ERDOĞDU	
13:30-13:45	Isolation and Identification of Microfungi with Potential Degradation Factors Detected on Historical Ruins in Izmir Archaeological Museum *Niloufar Ahmari, Bengi Aldi, Alev Haliki Uztan*
13.45-14:00	Molecular Phylogeny and Morphology of *Cortinarius denseconnatus* Basidiomycota from Turkiye *Ayşenur Kalmer, Sedat Kesici, Ayten Dizkırıcı, Yuzuf Uzun*
14:00-14:15	Kestel Ormanı (Kadınhanı-Konya) Epifitik Likenleri *Gülşah Yurtyapan, Hatice Esra Akgül, Celaleddin Öztürk*
14:15-14:30	Nehir Sularında Rastlanan Mikrofunguslar *Gulnara Hasanova*
14:45-15:00	Determination of *Pleurotus eryngii* Complex Species Grown in Eastern Region of Türkiye *Mehmet Akyüz, Sevda Kırbağ,*
15:00-15:15	Molecular and Morphological Identification of *Leucoagaricus lidensis* from Türkiye *İsmail Acar, Ayşenur Kalmer, Ayten Dizkırıcı*
15:15-15:30	Morpho Molecular Evidences Reveal Two Noteworthy *Hebeloma* Basidiomycota Species from Türkiye *Ayşenur Kalmer, Ayten Dizkırıcı, İsmail Acar*
15:30-15:45	Identification of *Helvella* spp. with Molecular Tools Comparison of Barcode and Protein Coding Regions *Şüheda Sümeyye Terman, Mustafa Emre Akçay, Ayten Dizkırıcı Tekpınar*
19:30 (Gala Dinner VAN City Municipality)	

09.09.2022-Friday	
Session 8 (Hall 1): Environmental Mycology Chair: Prof. Dr. Semra DEMİR, Prof. Dr. Younes REZAEE DANESH	
9:30-9:45	Iranian Mycological Society Activity at a Glance *Ahmad Abbasi Moghadam, Mohammad Javan Nikkhah*
9:45-10:00	A New Technique for Enumeration of Arbuscular Mycorrhizal Fungus Spores from Soil: Ultrasonication Technique *Gökhan Boyno, Younes Rezaee Danesh, Emre Demirer Durak, Rojbin Çevik, Semra Demir*
10:00-10:15	İklim Değişikliğinin Funguslar Üzerindeki Etkisi *Osman Alp Öztop, Senem Öztürk Köse, Hacı Halil Bıyık*
10:15-10:30	Türkiye Mikobiyotası için Bir Yeni Cins Kaydı *Sedat Kesici, Yusuf Uzun, Cemil Sadullahoğlu, Mustafa Emre Akcay*
10:30-11:00	**Coffee Break**
11:00-12:00	**Closing Ceremony**
12:00-13:00	**Lunch (University Central Restaurant)**
14:00-17:00 (Turkish Van Cat Research Center and City Tour)	

ONLINE PROGRAM

07.09.2022-Wednesday	
Session 1 Chair: Prof. Dr. Hasan Hüseyin DOĞAN	
14:00-14:30	Asian Mycology in the Next Decade Challenges Solutions and Future Directions *Nalin Wijayawardene* **(Invited Speaker)**
14:30-14:45	Evaluation of Toxicokinetic Properties of Major Mushroom Toxins through in Silico Analysis *Fadime Canbolat*
14:45-15:00	Microfungi Biodiversity of Pink Kalpli Lake in the Çanakkale Ezine Dalyan Region *Tülay Bican Suerdem, Gülçin Özcan Ateş*
15:00-15:15	First Report of Powdery Mildew Caused by *Erysiphe platani* on *Platanus orientalis* in Pakistan *Irsa Zafar, Najam Ul Sehar Afshan, Abdul Nasir Khalid*
15:15-15:30	Biological Control of *Trichoderma* spp. against *Fusarium oxysporum* and *Rhizoctonia solani* in Mint (*Mentha multimentha* L.) *Emre Demirer Durak, Füsun Gülser, Hasret Güneş*
Session 2 Chair: Assoc. Prof. Ilgaz AKATA	
15:45-16:00	Utilization of Agricultural and Forestry by Products in *Ganoderma lucidum* Curt Fr. P Karst Production *Funda Atila*
16:00-16:15	A New Locality Record of *Singerocybe phaeophthalma* in Türkiye Evidence from Molecular and Morphological Data *İbrahim Türkekul, Oğuzhan Kaygusuz*
16:15-16:30	*Terfezia* Species Natural Distributed in Türkiye and Their Ecologies *Funda Atila, Ahmet Kazankaya*
16:30-16:45	The Evaluation of Antioxidant Antidiabetic Antimicrobial Activities and Anatomical Properties of *Lyophyllum decastes* Fr. Singer *Lyophyllaceae* *Muhammed Sait Ertuğrul, İsmail Çağrı Aydın, Bilge Aydın, Hafize Yuca, Ayşe Civaş, Enes Tekman, Gamze Göğer, Aydan Acar Şahin, Mohaddeseh Nobarirezaeyeh, Elif Beyza Özer, Muhammed Ziya Şahinöz, Ilgaz Akata, Songül Karakaya, Nur Münevver Pınar, Zühal Güvenalp*

16:45-17:00	Synergistic Antifungal Activities of *P. griseofulvum* E7p Metabolites with Silver Nanoparticles *Emine İrdem, Semra İlhan, Zerrin Cantürk*
17:00-17:15	Pathogenicity of Entomopathogen *Beauveria bassiana* against to the Larvae of *Cadra cautella* Lepidoptera Pyralidae and *Ephestia kuehniella* Zeller Lepidoptera Pyralidae *Pınar Güner, Tülin Aşkun, Aylin Er, Görkem Deniz Sönmez*
08.09.2022-Thursday	
Session 3 **Chair: Prof. Dr. Hasan AKGÜL**	
14:00-14:30	A New Species of Genus *Bacidina* (*Ramalinaceae*, *Ascomycota*) from Pakistan *Fatima Iftikhar, Najam-Ul Sehar Afshan*
14:30-14:45	Ethnomycological Studies in Anatolia from Past to Present *Sanem Bulam, Aysun Pekşen, Nebahat Şule Üstün*
14:45-15:00	Freshwater Fungal Diversity in Selected Anuradhapura Lakes of Sri Lanka *Madhara Wimalasena, Nalin N Wijayawardene, Dong Qin Dai, T C Bamunuarachchige, Nattawut Boonyuen, R G U Jayalal*
15:00-15:15	Oyster Mushroom (*Pleurotus ostreatus*) as a Healthy Ingredient for Sustainable Functional Food Production *Sanem Bulam, Nebahat Şule Üstün, Aysun Pekşen*
15:15-15:30	Biological Degradation of Historical Buildings a Research in Teos Antique City Türkiye *Hatice Yıldız Acar, Fatma Akdeniz, Hasan Akgül, Hacer Sert*
15:30-15:45	Reactions of Durum Wheat *Triticum Durum* Varieties to Yellow Rust Disease *Ahmet Çat*
Session 4 **Chair: Prof. Dr. Füsun GÜLSER**	
15:45-16:00	*Fusarium* Species Isolated from Bozcada, Cavus and Karalahna Grape *Gülçin Özcan Ateş, Nükhet Nilüfer Demirel Zorba*
16:00-16:15	Kutanoz Mantar Enfeksiyonu Şüphesi Olan Hastalardan Alınan Deri Kazıntı Örneklerinde Dermatofit ve Diğer Mantar Etkenlerinin Konvansiyonel Yöntemlerle Saptanması *Fatma Günbey, Zülal Aşçı Toraman, Demet Çiçek, Betül Demir, Neslihan Yüksel Bozdemir*
16:15-16:30	Bronkoalveoler Lavaj Örneklerinde *Pneumocystis jirovecii*'nin Gercek Zamanli Pzr Yontemiyle Arastırılması *Merve Ayyıldız, Zülal Aşçı Toraman, Fatma Günbey, Doğukan Faik Baytaş, Feray Ferda Şenol, Yüksel Akkaya*
16:30-16:45	Study on Genetic Diversity of *Fusarium oxysporum* f.sp. *dianthi* Based on Vegetative Compatibility Groups and Races in Five Provinces of Iran *Nazyar Zandyavari, Hossein Bayat, Nader Hasanzadeh*
16:45-17:00	Evaluation of Waste Mushroom Composts as Plant Growing Media *Füsun Gülser, Coşkun Gülser*
17:00-17:15	Effects of Different Plant Wastes on Some Soil Properties *Coşkun Gülser, Füsun Gülser*
17:15-17:30	Makrofunguslara Yönelik Ölçek Geliştirme ve Etnomikolojik Özelliklerinin Araştırılması Konya Modeli *Mustafa Çevrim, Celaleddin Öztürk, Hakan Kurt*
17:30-17:45	Başyayla Karaman İlçesinin Miksomisetleri *Gönül Eroğlu*

POSTERS PROGRAM

Identification of Subtilisin Genes in Dermatophytes in Ardabil, Iran
Solmaz Basiri, Seyed Jamal Hashemi, Hossein Zarrinfar

The Role of Native Preparation in the Diagnosis of Superficial Dermatophyte Infections
Feray Ferda Şenol

Pneumocystis Jirovecii Pneumonia in Children Clinical Presentation Underlying Diseases and Accurate Laboratory Diagnosis
Neginsadat Hosseinikargar, Hossein Zarrinfar, Seyed Javad Seyedi, Mohammad Javad Najafzadeh, Hassan Mehrad Majd, Seyedeh Sabereh Mojtahedi, Mohsen Dashti

Study of the Effect of Some Plant Essential Oils on *Verticillium dahlia* Pathogen by Mixing with Culture Medium
Lida Saeedi, Mojdeh Maleki, Jalal Gholamnezhad, Samin Seddigh, Abdolbaset Azizi

First Use of *Pisolithus arhizus* Scop Rauschert Mushroom in Cotton Yarn Dyeing in Türkiye
Hakan Allı, Ertuğrul Kalay

Determination of Fatty Acid Content of *Pleurotus eryngi* Dc Quel Growıng in the Aegean Region
Hakan Allı, Sevgin Özderin, İbrahim Kıvrak

Biodiversity and Ecology of Myxomycetes of Ayazma Kaz Mountains Bayramic Çanakkale
Tülay Bican Suerdem, İjlal Ocak

Identification of Fungi Associated With Different Pigeon Pea Seed Accessions From Iran
Simin Taheri Ardestani, Ahmad Abbasi Moghadam, Mehrzad Ahmadi, Zahra Talaei

Molecular Diversity on the Races of *Fusarium Oxysporum* f.sp. *ciceris* Causing Wilt of Chickpea in Kurdistan Province of Iran
Tahmineh Naeim Abadi, Mohammad Ali Tajik, Ahmad Abbasi Moghadam, Vali Allah Babaeizad, Majid Hashemi

Determination of *Penicillium* Biodeversity in Winter Month January, February, March 2022 of Battle Stables in Ihsangazı Dıstrıct Kastamonu
Abdullah Şimşek, Gülay Giray

Evaluation of Biochemical Parameters in Coronavirus Disease 2019 Patients along with *Candida* infections
Mahtab Zamanian Yazdi, Azar Khadem Razavi, Hossein Zarrinfar, Hassan Mehrad Majd

Determination of *Aspergillus* Biodiversity in indor Air in the Winter Months January, February, March 2022 of Cattle Barns in İhsangazı District Kastamonu Which May Create Potential Infection Risk *Gülay Giray, Abdullah Şimşek*

Pseudohydropus floccipes a New Record for Turkish Mycota
Abdullah Kaya, Yasin Uzun

Functional Properties of Iranian Agaric Mushrooms
Masoomeh Ghobad Nejhad, Vladimir Antonin

Biodiversıty of Fungi and Fungus Like Organism on *Solanum* Species in Uzbekistan
Yusufjon Gafforov, Shakhnoza Teshaboeva, Tutigul Kholmuradova, Trobjon Makhkamov, Nargiza Abduboyeva, Aziz Abdurazakov, Nodirali Normakhamatov, Sylvie Rapior, Soumya Ghosh

The Aspects of Hematological Parameters among Covid 19 Patients Affected to Yeast Infections
Azar Khadem Razavi, Mahtab Zamanian Yazdi, Hossein Zarrinfar, Hassan Mehrad Majd

Determination of Antifungal Activity of Different Plant Extracts *Senem Öztürk Köse, Hacı Halil Bıyık, Esin Poyrazoğlu, Zeynep Burcu Bayrak*
Detection and Measurement of Aflatoxins B1 Using Cdse Zns Core Shell Quantum Dots *Mehdi Razzaghi Abyaneh, Farnoush Asghari Paskiabi, Mohammadhassan Gholami Shabani, Masoomeh Shams Ghahfarokhi, Fatemehsadat Jamzivar*
Green Synthesis of Silver Nanoparticles Using Plant Extract and Comparison Their Effect With Antifungal Drugs on the Growth of Standard Strains of *Aspergillus* and *Candida* *Mahdi Hosseini Bafghi, Hossein Zarrinfar*
Evaluation of the Effect of Plant Essential Oils on *Verticillıum dahlia* Pathogen by Paper Disk Method *Lida Saeedi, Mojdeh Maleki, Jalal Gholamnezhad, Samin Seddigh, Abdolbaset Azizi*
İstanbulda Hava Kirliliğinin Likenler Üzerindeki Etkilerinin İncelenmesi *Damla Yayman, Gülşah Çobanoğlu*
A Close Friendshıp in Subsoil Arbuscular Mycorrhiza and *Clonostachys rosea* *Gökhan Boyno, Rojbin Çevik, Younes Rezaee Danesh, Semra Demir*
Phenotypic and Molecular Identification of Green Pea Powdery Mildew Pathogen from Alborz, Iran *Simin Taheri Ardestani, Seyed Akbar Khodaparast, Ahmad Abbasi Moghadam, Mehrzad Ahmadi*
Morfological and Molecular Confirmation of an Edible Fungus *Agaricus arvensis* Schaeff and *Agaricus litoralis* Pilat *Seyda Çomak, Şüheda S. Terman, M. Emre Akçay, Ayten Dizkırıcı Tekpınar*
Immunsuprese Hastalardan Soyutlanan *Candida* Suşlarının Tiplendirilmesi ve Antifungal İlaçlara Karşı Duyarlılıklarının E Test Yöntemi ile Araştırılması *Feray Ferda Şenol, Mehmet Özcan, Zülal Aşçı Toraman, Yusuf Yakupoğulları, Yasemin Bulut*
Yoğun Bakım Hastalarının Kan Kültüründe üreyen *Candida* Türlerinin Dağılımının Değerlendirilmesi *Fatma Günbey, Zülal Aşçı Toraman, Merve Ayyıldız, Doğukan Faik Baytaş, Yasemin Bulut, Feray Ferda Şenol, Yüksel Akkaya*
Biyogoruntüleme için Floresan Prob olarak *Agaricus bisporus*'tan Türetilen Karbon Kuantum Noktalarının Mikrodalga Destekli Yeşil Sentezi *Serdar Karakurt, Cemile Birer, Kemal Baş*
Preparations for a Digital Lichen Flora of Iran Dilfi *Mohammad Sohrabi, Christian Printzen*

FULL TEXTS 1

REACTIONS OF DURUM WHEAT *TRITICUM DURUM* VARIETIES TO YELLOW RUST DISEASE
AHMET ÇAT 2

EVALUATION OF TOXICOKINETIC PROPERTIES OF MAJOR MUSHROOM TOXINS THROUGH IN SILICO ANALYSIS
FADİME CANBOLAT 7

BAŞYAYLA (KARAMAN) İLÇESİNİN MİKSOMİSETLERİ
GÖNÜL EROĞLU 20

EXPRESSION OF SAP GENES 1 10 AND BIOFILM FORMATION IN *CANDIDA* SPP COMPARISON OF HEALTHCARE ASSOCIATED INFECTION ISOLATES FROM BLOODSTREAM WITH ISOLATES FROM OTHER SOURCES
AHMED MOUSTAPHA NSANGOU, RUGİYYA SAMADZADE, TUĞÇE DURAN, SALİH MAÇİN, MERVE AYDIN, DUYGU FINDIK 26

DETERMINATION OF MEDICINAL EFFECTS OF *GANODERMA ADSPERSUM* SCHULZER DONK
ŞULE İNCİ 33

DETERMINATION OF ANTIMICROBIAL AND ANTIOXIDANT EFFECT OF *SUILLUS LUTEUS* L ROUSSEL
ŞULE İNCİ, SEVDA KIRBAĞ 40

MOLECULAR DIVERSITY ON THE RACES OF *FUSARIUM OXYSPORUM* F SP *CICERIS* CAUSING WILT OF CHICKPEA IN KURDISTAN PROVINCE OF IRAN
TAHMINEH NAEIM ABADI, MOHAMMAD ALI TAJIK, AHMAD ABBASI MOGHADAM, VALI ALLAH BABAEIZAD, MAJID HASHEMI 46

BIODIVERSITY AND ECOLOGY OF MYXOMYCETES OF AYAZMA KAZ MOUNTAINS BAYRAMIC CANAKKALE
TÜLAY BİCAN SUERDEM, İJLAL OCAK 57

BRONKOALVEOLER LAVAJ ÖRNEKLERİNDEN İZOLE EDİLEN *ASPERGILLUS* TÜRLERİNİN ARAŞTIRILMASI
MERVE AYYILDIZ, ZÜLAL AŞÇI TORAMAN, FATMA GÜNBEY, DOĞUKAN FAİK BAYTAŞ, YASEMİN BULUT, FERAY FERDA ŞENOL, YÜKSEL AKKAYA 75

BRONKOALVEOLER LAVAJ ÖRNEKLERİNDE *PNEUMOCYSTIS JIROVECII*'NİN GERÇEK ZAMANLI PZR YÖNTEMİYLE ARAŞTIRILMASI
MERVE AYYILDIZ, ZÜLAL AŞÇI TORAMAN, DOĞUKAN FAİK BAYTAŞ, FERAY FERDA ŞENOL, YÜKSEL AKKAYA 81

HYPOGEOUS SEQUESTRATE HIGHER BASIDIOMYCETES OF TÜRKİYE AND THEIR DISTRIBUTION
YASİN UZUN, VEYSEL BATUR, ABDULLAH KAYA 88

ORAL PRESENTATIONS 100

SECTION: *DERMATOPHYTE FUNGI* 101

A CASE WITH FUNGAL KERATIT DEVELOPED TO CORNEAL MELTING
ÜLKÜ DEMİR 102

SYNERGISTIC ANTIFUNGAL ACTIVITIES OF *P. GRISEOFULVUM* E7P METABOLITES WITH SILVER NANOPARTICLES
EMİNE İRDEM, SEMRA İLHAN, ZERRİN CANTÜRK 103

THE ROLE OF NATIVE PREPARATION IN THE DIAGNOSIS OF SUPERFICIAL DERMATOPHYTE INFECTIONS
FERAY FERDA ŞENOL 104

SECTION: *ENVIRONMENTAL MYCOLOGY* 105

STUDIES ON *BASIDIOMYCETES* FROM THE FIELD TO THE LABORATORY
ERTUĞRUL SESLİ 106

BIOLOGICAL CONTROL OF *TRICHODERMA* SPP AGAINST *FUSARIUM OXYSPORUM* AND *RHIZOCTONIA SOLANI* IN MINT *MENTHA MULTIMENTHA* L.
EMRE DEMİRER DURAK, FÜSUN GÜLSER, HASRET GÜNEŞ 107

MINERAL COMPOSITIONS AND MORPHOLOGICAL CHARACTERIZATIONS OF SOME EDIBLE NATURAL *BASIDIOMYCOTA* SPECIES
SİNAN ALKAN, GIYASETTİN KAŞIK, İLKER AKIN 108

MICROFUNGI BIODIVERSITY OF PINK KALPLI LAKE IN THE ÇANAKKALE EZINE DALYAN REGION
TÜLAY BİCAN SUERDEM, GÜLÇİN ÖZCAN ATEŞ 109

İKLİM DEĞİŞİKLİĞİNİN FUNGUSLAR ÜZERİNDEKİ ETKİSİ
OSMAN ALP ÖZTOP, SENEM ÖZTÜRK KÖSE, HACI HALİL BIYIK 110

ISOLATION AND IDENTIFICATION OF MICROFUNGI WITH POTENTIAL DEGRADATION FACTORS DETECTED ON HISTORICAL RUINS IN IZMIR ARCHAEOLOGICAL MUSEUM
NILOUFAR AHMARI, BENGİ ALDI, ALEV HALİKİ UZTAN 111

SECTION: *LICHENOLOGY* 112

A NEW SPECIES OF GENUS *BACIDINA* (*RAMALINACEAE*: *ASCOMYCOTA*) FROM PAKISTAN
FATIMA IFTIKHAR, NAJAM-UL SEHAR AFSHAN 113

KESTEL ORMANI (KADINHANI-KONYA) EPİFİTİK LİKENLERİ
GÜLŞAH YURTYAPAN, HATİCE ESRA AKGÜL, CELALEDDİN ÖZTÜRK 114

SECTION: *ETHNOMYCOLOGY* 115

MAKROFUNGUSLARA YÖNELİK ÖLÇEK GELİŞTİRME VE ETNOMİKOLOJİK ÖZELLİKLERİNİN ARAŞTIRILMASI KONYA MODELİ
MUSTAFA ÇEVRİM, CELALEDDİN ÖZTÜRK, HAKAN KURT 116

ETHNOMYCOLOGICAL STUDIES IN ANATOLIA FROM PAST TO PRESENT
SANEM BULAM, AYSUN PEKŞEN, NEBAHAT ŞULE ÜSTÜN 117

SECTION: *FUNGAL PHYSIOLOGY* **118**

NANOELICITOR CONSTRUCTED FROM FUNGAL METABOLITES FOR PLANT IMMUNITY
KASEM SOYTONG **119**

SECTION: *MEDICINAL MUSHROOMS* **120**

MANTARDAN İLACA *GANODERMA APPLANATUM* EKSTRAKTININ KOLON KANSERİNDEKİ TERAPOTİK ETKİSİ
SERDAR KARAKURT, SÜREYYA ERTÜRK, KEMAL BAŞ, SİNAN AKTAŞ **121**

YOĞUN BAKIM HASTALARININ ENDOTRAKEAL ASPIRAT ORNEKLERINDE UREYEN CANDIDAL ETKENLER VE ANTIFUNGAL DUYARLILIKLARI
FERAY FERDA ŞENOL, FATMA GÜNBEY, ZÜLAL AŞÇI TORAMAN **122**

DISTRIBUTION OF *CANDIDA* SPECIES ISOLATED FROM BLOOD CULTURES DURING THE PANDEMIC PERIOD AND EVALUATION OF ANTIFUNGAL SUSCEPTIBILITY
SENANUR AYDOĞAN, RUGIYYA SAMADZADE, SALİH MAÇİN, HATİCE TÜRK DAĞI, DUYGU FINDIK **123**

THE ASSESSMENT OF ANTIOXIDANT ANTIMICROBIAL ANTIDIABETIC ACTIVITIES AND ANATOMICAL PROPERTIES OF *LEPISTA NUDA* BULL COOKE TRICHOLOMATACEAE
MOHADDESEH NOBARIREZAEYEH, MUHAMMED ZİYA ŞAHİNÖZ, ELİF BEYZA ÖZER, BİLGE AYDIN, AYŞE CİVAŞ, ENES TEKMAN, HAFİZE YUCA, GAMZE GÖĞER, ILGAZ AKATA, AYDAN ACAR ŞAHİN, SONGÜL KARAKAYA, NUR MÜNEVVER PINAR, ZÜHAL GÜVENALP **124**

THE EVALUATION OF ANTIOXIDANT ANTIMICROBIAL ANTIDIABETIC ACTIVITIES AND ANATOMICAL PROPERTIES OF *ARMILLARIA MELLEA* VAHL P KUMM PHYSALACIRIACEAE
AYŞE CİVAŞ, ENES TEKMAN, HAFİZE YUCA, BİLGE AYDIN, ELİF BEYZA ÖZER, MOHADDESEH NOBARIREZAEYEH, MUHAMMED ZİYA ŞAHİNÖZ, ILGAZ AKATA, GAMZE GÖĞER, AYDAN ACAR ŞAHİN, SONGÜL KARAKAYA, NUR MÜNEVVER PINAR, ZUHAL GÜVENALP **127**

EVALUATION OF *IN VITRO* ANTIDIABETIC ANTIOXIDANT ANTIMICROBIAL ACTIVITIES AND ANATOMICAL PROPERTIES OF AN EDIBLE MUSHROOM *MACROLEPIOTA PROCERA* SCOP SINGER
ELİF BEYZA ÖZER, MUHAMMED ZİYA ŞAHİNÖZ, MOHADDESEH NOBARIREZAEYEH, AYŞE CİVAŞ, BİLGE AYDIN, ENES TEKMAN, HAFİZE YUCA, AYDAN ACAR ŞAHİN, GAMZE GÖĞER, ILGAZ AKATA, SONGÜL KARAKAYA, NUR MÜNEVVER PINAR, ZUHAL GÜVENALP **130**

THE EVALUATION OF ANTIOXIDANT ANTIDIABETIC ANTIMICROBIAL ACTIVITIES AND ANATOMICAL PROPERTIES OF *LYOPHYLLUM DECASTES* FR SINGER LYOPHYLACEAE
MUHAMMED SAİT ERTUĞRUL, İSMAİL ÇAĞRI AYDIN, BİLGE AYDIN, HAFİZE YUCA, AYŞE CİVAŞ, ENES TEKMAN, GAMZE GÖĞER, AYDAN ACAR ŞAHİN, MOHADDESEH NOBARIREZAEYEH, ELİF BEYZA ÖZER, MUHAMMED ZİYA ŞAHİNÖZ, ILGAZ AKATA, SONGÜL KARAKAYA, NUR MÜNEVVER PINAR, ZUHAL GÜVENALP **133**

THE EVALUATION OF ANTIOXIDANT ANTIDIABETIC ANTIMICROBIAL ACTIVITIES AND ANATOMICAL PROPERTIES OF *TRICHOLOMA TERREUM* SCHAEFF P KUMM *TRICHOLOMATACEAE*
İSMAİL ÇAĞRI AYDIN, MUHAMMED SAİT ERTUĞRUL, HAFİZE YUCA, ENES TEKMAN, AYŞE CİVAŞ, BİLGE AYDIN, AYDAN ACAR ŞAHİN, GAMZE GÖĞER, ILGAZ AKATA, MOHADDESEH NOBARIREZAEYEH, ELİF BEYZA ÖZER, MUHAMMED ZİYA ŞAHİNÖZ, SONGÜL KARAKAYA, NUR MÜNEVVER PINAR, ZUHAL GÜVENALP **136**

THE EVALUATION OF ANTIOXIDANT ANTIDIABETIC ANTIMICROBIAL ACTIVITIES AND ANATOMICAL PROPERTIES OF *CLITOCYBE NEBULARIS* BATSCH P KUMM *TRICHOLOMATACEAE*
BİLGE AYDIN, MOHADDESEH NOBARIREZAEYEH, AYSE CİVAŞ, ENES TEKMAN, HAFİZE YUCA, ELİF BEYZA ÖZER, MUHAMMED ZİYA ŞAHİNÖZ, ILGAZ AKATA, GAMZE GÖĞER, AYDAN ACAR ŞAHİN, SONGÜL KARAKAYA, NUR MÜNEVVER PINAR, ZUHAL GÜVENALP **139**

ANTIOXIDANT ANTIMICROBIAL AND CYTOTOXIC ACTIVITIES OF *GANODERMA* ISOLATES FROM TÜRKİYE
GÖKSU CEYLAN, MUSTAFA YAMAÇ, MUSTAFA KEMAL SOYLU, HASAN HÜSEYİN DOĞAN, ZERRİN CANTÜRK **142**

THE ESTIMATION OF ANTIOXIDANT ANTIMICROBIAL ANTIDIABETIC ACTIVITIES AND ANATOMICAL PROPERTIES OF AN EDIBLE MUSHROOM *PLEUROTUS OSTREATUS* JACQ P KUMM *PLEUROTACEAE*
ENES TEKMAN, HAFİZE YUCA, AYSE CİVAŞ, BİLGE AYDIN, ELİF BEYZA ÖZER, MOHADDESEH NOBARIREZAEYEH, MUHAMMED ZİYA ŞAHİNÖZ, ILGAZ AKATA, GAMZE GÖĞER, AYDAN ACAR ŞAHİN, SONGÜL KARAKAYA, NUR MÜNEVVER PINAR, ZUHAL GÜVENALP **143**

SCREENING OF *IN VITRO* ANTIDIABETIC ANTIOXIDANT ANTIMICROBIAL ACTIVITIES AND ANATOMICAL PROPERTIES OF AN EDIBLE MUSHROOM *LYCOPERDON PYRIFORME* SCHAEFF
HAFİZE YUCA, ENES TEKMAN, AYSE CİVAŞ, BİLGE AYDIN, AYDAN ACAR ŞAHİN, GAMZE GÖĞER, ILGAZ AKATA, MOHADDESEH NOBARIREZAEYEH, ELİF BEYZA ÖZER, MUHAMMED ZİYA ŞAHİNÖZ, SONGÜL KARAKAYA, NUR MÜNEVVER PINAR, ZÜHAL GÜVENALP **146**

ASSESSMENT OF *IN VITRO* ANTIDIABETIC ANTIOXIDANT ANTIMICROBIAL ACTIVITIES AND ANATOMICAL PROPERTIES OF *COPRINUS ATRAMENTARIUS* BULL FR
MUHAMMED ZİYA ŞAHİNÖZ, ELİF BEYZA ÖZER, MOHADDESEH NOBARIREZAEYEH, AYŞE CİVAŞ, BİLGE AYDIN, ENES TEKMAN, HAFİZE YUCA, AYDAN ACAR ŞAHİN, GAMZE GÖĞER, ILGAZ AKATA **149**

SECTION: *PARASITIC MUSHROOMS* **151**

PATHOGENICITY OF ENTOMOPATHOGEN *BEAUVERIA BASSIANA* AGAINST TO THE LARVAE OF *CADRA CAUTELLA* (LEPIDOPTERA: PYRALIDAE) AND *EPHESTIA KUEHNIELLA* ZELLER (LEPIDOPTERA: PYRALIDAE)
PINAR GÜNER, TÜLİN AŞKUN, AYLİN ER, GÖRKEM DENİZ SÖNMEZ **152**

BIOLOGICAL DEGRADATION OF HISTORICAL BUILDINGS A RESEARCH IN TEOS ANTIQUE CITY TÜRKİYE
HATİCE YILDIZ ACAR, FATMA AKDENİZ, HASAN AKGÜL, HACER SERT **153**

SECTION: *FUNGAL BIODIVERSITY* **154**

STUDY ON GENETIC DIVERSITY OF *FUSARIUM OXYSPORUM* F SP *DIANTHI* BASED ON VEGETATIVE COMPATIBILITY GROUPS AND RACES IN FIVE PROVINCES OF IRAN
NAZYAR ZANDYAVARI, HOSSEIN BAYAT, NADER HASANZADEH **155**

REVEALING SOIL FUNGAL BIODIVERSITY IN NATURAL AND AGRICULTURAL ECOSYSTEMS THE ROLE OF ARBUSCULAR MYCORRHIZAL FUNGI AMF AND THEIR POTENTIAL AS BIOFERTILIZERS
VALERIA BIANCIOTTO **156**

ASIAN MYCOLOGY IN THE NEXT DECADE CHALLENGES SOLUTIONS AND FUTURE DIRECTIONS
NALIN WIJAYAWARDENE **157**

MOLECULAR IDENTIFICATION OF *ASPERGILLUS* SPECIES IN COVID 19 PATIENTS ASSOCIATED WITH FUNGAL RHINOSINUSITIS
SEYEDEH SABEREH MOJTAHEDI, HOSSEIN ZARRINFAR, MOHAMMAD JAVAD NAJAFZADEH, MEHDI BAKHSHAEE, EMANE ROSHANZAMIR, JOS HOUBRAKEN **158**

CONTRIBUTIONS TO THE AGARICALES OF TÜRKİYE
MUSTAFA EMRE AKÇAY, SEYFETTİN KAYA, SEDAT KESİCİ, CEMİL SADULLAHOĞLU **159**

MICROFUNGUS DIVERSITY OF SALDA LAKE TÜRKİYE AN ALKALINE LAKE
SEMRA İLHAN, EMİNE İRDEM, ÖMER TOPYILDIZ **160**

FRESHWATER FUNGAL DIVERSITY IN SELECTED ANURADHAPURA LAKES OF SRI LANKA
S D M K WIMALASENA, NALIN WIJAYAWARDENE, DONG QIN DAI, T C BAMUNUARACHCHIGE, NATTAWUT BOONYUEN, R G U JAYALAL **161**

CONTRIBUTIONS TO THE TURKISH MYCOBIOTA NEW GENERA RECORDS
FARUK SELÇUK, MERVE ULUKAPI **162**

ANTIFUNGAL ACTIVITY OF SIX NANOPARTICLES OF ZINC COPPER CERIUM OXIDE SILVER GOLD AND SELENIUM AGAINST CLINICAL ISOLATES OF *ASPERGILLUS* SPECIES
SHAGHAYEGH MOGHADAM, BEHNAM AZARI, HOSSEIN ZARRINFAR, MAJID DARROUDI, ZAHRA SABOURI, MOHSEN DASHTI **163**

EUROPEAN SPECIES OF THE GENUS *MELANOLEUCA* (BASIDIOMYCOTA: AGARICALES)
VLADIMIR ANTONIN, SEVCIKOVA HANA, PARA ROBERTO, DURISKA ONDREJ, KUDLACEK TOMAS, JANCOVICOVA SONA, TOMSOVSKY MICHAL **164**

NEW STRATEGIES FOR MOLECULAR IDENTIFICATION OF *ASPERGILLUS* SECTION *NIGRI* SPECIES
YÜKSEL GEZGİN **165**

***FUSARIUM* SPECIES ISOLATED FROM BOZCADA CAVUS AND KARALAHNA GRAPE**
GÜLÇİN ÖZCAN ATEŞ, NÜKHET NİLÜFER DEMİREL ZORBA **166**

PULMONARY CANDIDIASIS MOLECULAR IDENTIFICATION AND ANTIFUNGAL SUSCEPTIBILITY PATTERNS
SEYEDEH SABEREH MOJTAHEDI, HOSSEIN ZARRINFAR, SHAGHAYEGH MOGHADAM, NEGINSADAT HOSSEINIKARGER **167**

TERFEZIA SPECIES NATURAL DISTRIBUTED IN TÜRKİYE AND THEIR ECOLOGIES
FUNDA ATİLA, AHMET KAZANKAYA **168**

HAKKARİ (TÜRKİYE) İLİNDEN YENİ BİR *VIBRISSEACEOUS* MANTAR KAYDI
İSMAİL ACAR, YUSUF UZUN, LUIS QUIJADA **169**

CONTRIBUTIONS TO THE TURKISH MYCOBIOTA NEW SPECIES RECORDS
MERVE ULUKAPI, FARUK SELÇUK **170**

HAKKARİ İLİNDEN TÜRKİYE MİKOTASI İÇİN İKİ YENİ *GALERINA* KAYDI
CEMİL SADULLAHOĞLU, SEDAT KESİCİ, YUSUF UZUN, MUSTAFA EMRE AKÇAY **171**

TÜRKİYE MİKOBİYOTASI İÇİN BİR YENİ CİNS KAYDI
SEDAT KESİCİ, YUSUF UZUN, CEMİL SADULLAHOĞLU, MUSTAFA EMRE AKÇAY **172**

FIRST REPORT OF POWDERY MILDEW CAUSED BY ERYSIPHE PLATANI ON PLATANUS ORIENTALIS IN PAKISTAN
IRSA ZAFAR, NAJAM UL SEHAR AFSHAN, ABDUL NASIR KHALID **173**

IRANIAN MYCOLOGICAL SOCIETY ACTIVITY AT A GLANCE
AHMAD ABBASI MOGHADAM, MOHAMMAD JAVAN NIKKHAH **174**

SECTION: *FUNGAL CHEMISTRY AND BIOCHEMISTRY* **175**

FUNGAL PIGMENTS AND THEIR ADVANTAGES IN INDUSTRIAL BIOTECHNOLOGY
SELMA KIRAÇ, YÜKSEL GEZGİN **176**

EXTRACTION CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF CHITOSAN FROM A FUNGAL MYCELIAL WASTE
BURCU ATLI, MUSTAFA YAMAÇ, ZEKİ YILDIZ, ZERRİN CANTÜRK **177**

OYSTER MUSHROOM (*PLEUROTUS OSTREATUS*) AS A HEALTHY INGREDIENT FOR SUSTAINABLE FUNCTIONAL FOOD PRODUCTION
SANEM BULAM, NEBAHAT ŞULE ÜSTÜN, AYSUN PEKŞEN **178**

THE BIOTECHNOLOGICAL POTENTIAL OF THE MACROFUNGI ISOLATES OBTAINED FROM BILECIK PROVINCE
MUSTAFA YAMAÇ, HASAN HÜSEYİN DOĞAN, HAKAN ALLI, BAHAR GÜLÇE KORKMAZ KAHVECİ **179**

TÜRKİYE'DEN ZEHİRLİ İKİ MANTAR TÜRÜ *RUSSULA EMETICA* SCHAEFF PERS VE *BOLETUS SATANAS* LENZ'IN ANTİMİKROBİYAL ANTİOKSİDAN AKTİVİTELERİ VE ENZİM İNHİBİSYONU
MERVE KOÇAK, ERDOĞAN GÜNEŞ, SİNAN AKTAŞ, HABİBE ÜNAL **180**

FUNGAL BIOTECHNOLOGY OF TÜRKİYE
HACI HALİL BIYIK **181**

EVALUATION OF B GALACTOSIDASE ENZYMES PRODUCTION BY *ASPERGILLUS* SECTION *NIGRI* SPECIES ISOLATED FROM DRIED FIGS
YÜKSEL GEZGİN, AYŞEGÜL YOLTAŞ, EBRU KOCADAĞ KOCAZORBAZ **182**

POSSIBILITIES OF USING MYCONANOTECHNOLOGY IN COMBATING *VERTICILLIUM DAHLIAE* FUNGAL PATHOGEN
HİLAL ACAY, AYFER YILDIRIM **183**

KESTEL BÖLGESİNDE (KADINHANI: KONYA) YAYGIN OLARAK YETİŞEN BAZI MAKROMANTARLARIN MİNERAL KOMPOZİSYONU
RAZİYE BÜŞRA AYDEMİR, GIYASETTİN KAŞIK, CELALEDDİN ÖZTÜRK, SİNAN ALKAN **184**

SECTION: *MUSHROOM CULTIVATION* **185**

EVALUATION OF WASTE MUSHROOM COMPOSTS AS PLANT GROWING MEDIA
FÜSUN GÜLSER, ÇOŞKUN GÜLSER **186**

USE OF BIOGAS WASTE FERMENTED CORN SILAGE AS A CASING MATERIAL IN THE PRODUCTION OF CULTIVATED MUSHROOMS *AGARICUS BISPORUS*
ERKAN EREN, MEHMET ÇETİN, LEVENT TÜRKLER, ŞEYDA ÇAVUŞOĞLU **187**

HASAT SONRASI KESTANE MANTARINA (*AGARICUS CAMPESTRIS*) UYGULANAN MELATONİN VE JELATİNİN TOPLAM FENOLİK VE ANTİOKSİDAN KAPASİTESİ İÇERİĞİ ÜZERİNE ETKİSİ
ŞEYDA ÇAVUŞOĞLU, NURETTİN YILMAZ, ONUR TEKİN, RAMAZAN AĞIN, MEHMET ALİ KOYUNCU **188**

A RESEARCH ON THE CULTIVATION OF *PLEUROTUS NEBRODENSIS* INZENGA QUEL
MEHMET AKYÜZ, SEVDA KIRBAĞ **189**

UTILIZATION OF AGRICULTURAL AND FORESTRY BY PRODUCTS IN *GANODERMA LUCIDUM* CURT FR P KARST PRODUCTION
FUNDA ATİLA **190**

EFFECTS OF DIFFERENT PLANT WASTES ON SOME SOIL PROPERTIES
ÇOŞKUN GÜLSER, FÜSUN GÜLSER **191**

PROBLEMS DETECTED IN TRUFFLE CULTIVATION IN TÜRKİYE
HAKAN ALLI, SEVGİN ÖZDERİN **192**

SECTION: *MOLECULAR FUNGAL TAXONOMY* **193**

MOLECULAR AND MORPHOLOGICAL IDENTIFICATION OF *LEUCOAGARICUS LIDENSIS* FROM TÜRKİYE
İSMAİL ACAR, AYŞENUR KALMER, AYTEN DİZKIRICI **194**

IDENTIFICATION OF *HELVELLA* SPP WITH MOLECULAR TOOLS COMPARISON OF BARCODE AND PROTEIN CODING REGIONS
ŞÜHEDA SÜMEYYE TERMAN, MUSTAFA EMRE AKÇAY, AYTEN DİZKIRICI TEKPINAR **195**

DETERMINATION OF *PLEUROTUS ERYNGII* COMPLEX SPECIES GROWN IN EASTERN REGION OF TÜRKİYE
MEHMET AKYÜZ, SEVDA KIRBAĞ **196**

MORPHO-MOLECULAR EVIDENCES REVEAL TWO NOTEWORTHY *HEBELOMA* (BASIDIOMYCOTA) SPECIES FROM TÜRKİYE
AYŞENUR KALMER, AYTEN DİZKIRICI, İSMAİL ACAR **197**

***INFUNDIBULICYBE ALKALIVIOLASCENS* (BASIDIOMYCOTA: AGARICALES) FROM AEGEAN REGION TÜRKİYE**
OĞUZHAN KAYGUSUZ, İBRAHİM TÜRKEKUL **198**

A NEW LOCALITY RECORD OF *SINGEROCYBE PHAEOPHTHALMA* IN TÜRKİYE EVIDENCE FROM MOLECULAR AND MORPHOLOGICAL DATA
İBRAHİM TÜRKEKUL, OĞUZHAN KAYGUSUZ **199**

MOLECULAR PHYLOGENY AND MORPHOLOGY OF *CORTINARIUS DENSECONNATUS* (BASIDIOMYCOTA) FROM TÜRKİYE
AYŞENUR KALMER, SEDAT KESİCİ, AYTEN DİZKIRICI, YUSUF UZUN **200**

SECTION: *MYCORRHIZA* **201**

A NEW TECHNIQUE FOR ENUMERATION OF ARBUSCULAR MYCORRHIZAL FUNGUS AMF SPORES FROM SOIL ULTRASONICATION TECHNIQUE
GÖKHAN BOYNO, YOUNES REZAEE DANESH, EMRE DEMİRER DURAK, ROJBİN ÇEVİK, SEMRA DEMİR **202**

IDENTIFICATION OF SUBTILISIN GENES IN DERMATOPHYTES IN ARDABIL IRAN
BASIRI SOLMAZ, HASHEMI SEYED JAMAL, HOSSEIN ZARRINFAR **203**

THE IMPORTANCE OF EARLY DIAGNOSIS AND EFFECTIVE TREATMENT IN RINO ORBITO CEREBRAL MUCORMYCOSIS
CANSER YILMAZ DEMİR **204**

POSTER PRESENTATIONS 205

STUDY OF THE EFFECT OF SOME PLANT ESSENTIAL OILS ON VERTICILLIUM DAHLIA PATHOGEN BY MIXING WITH CULTURE MEDIUM
LIDA SAEEDI, MOJDEH MALEKI, JALAL GHOLAMNEZHAD, SAMIN SEDDIGH, ABDOLBASET AZIZI 206

***PNEUMOCYSTIS JIROVECII* (PNEUMONIA) IN CHILDREN CLINICAL PRESENTATION UNDERLYING DISEASES AND ACCURATE LABORATORY DIAGNOSIS**
NEGINSADAT HOSSEINIKARGAR, HOSSEIN ZARRINFAR, SEYED JAVAD SEYEDI, MOHAMMAD JAVAD NAJAFZADEH, HASSAN MEHRAD MAJD, SEYEDEH SABEREH MOJTAHEDI, MOHSEN DASHTI 207

ISTANBUL'DA HAVA KİRLİLİĞİNİN LİKENLER ÜZERİNDEKİ ETKİLERİNİN İNCELENMESİ
DAMLA YAYMAN, GÜLŞAH ÇOBANOĞLU 208

PREPARATIONS FOR A DIGITAL LICHEN FLORA OF IRAN DILFI
MOHAMMAD SOHRABI, CHRISTIAN PRINTZEN 209

FIRST USE OF *PISOLITHUS ARHIZUS* SCOP RAUSCHERT MUSHROOM IN COTTON YARN DYEING IN TÜRKİYE
HAKAN ALLI, ERTUĞRUL KALAY 210

DETERMINATION OF FATTY ACID CONTENT OF PLEUROTUS ERYNGII DC QUEL GROWING IN THE AEGEAN REGION
HAKAN ALLI, SEVGİN ÖZDERİN, İBRAHİM KIVRAK 211

EVALUATION OF THE EFFECT OF PLANT ESSENTIAL OILS ON *VERTICILLIUM DAHLIA* PATHOGEN BY PAPER DISK METHOD
LIDA SAEEDI, MOJDEH MALEKI, JALAL GHOLAMNEZHAD, SAMIN SEDDIGH, ABDOLBASET AZIZI 212

GREEN SYNTHESIS OF SILVER NANOPARTICLES USING PLANT EXTRACT AND COMPARISON THEIR EFFECT WITH ANTIFUNGAL DRUGS ON THE GROWTH OF STANDARD STRAINS OF *ASPERGILLUS* AND *CANDIDA*
MAHDI HOSSEINI BAFGHI, HOSSEIN ZARRINFAR 213

BİYOGÖRÜNTÜLEME İÇİN FLORESAN PROB OLARAK *AGARICUS BISPORUS*'TAN TÜRETİLEN KARBON KUANTUM NOKTALARININ MİKRODALGA DESTEKLİ YEŞİL SENTEZİ
SERDAR KARAKURT, CEMİLE BİRER, KEMAL BAŞ 214

IMMUNSUPRESE HASTALARDAN SOYUTLANAN *CANDIDA* SUŞLARININ TİPLENDİRİLMESİ VE ANTİFUNGAL İLAÇLARA KARŞI DUYARLILIKLARININ E TEST YÖNTEMİ İLE ARAŞTIRILMASI
FERAY FERDA ŞENOL, MEHMET ÖZCAN, ZÜLAL AŞÇI TORAMAN, YUSUF YAKUPOĞULLARI, YASEMİN BULUT 215

THE ASPECTS OF HEMATOLOGICAL PARAMETERS AMONG COVID 19 PATIENTS AFFECTED TO YEAST INFECTIONS
AZAR KHADEMRAZAVI, MAHTAB ZAMANIAN YAZDI, HOSSEIN ZARRINFAR, HASSAN MEHRAD MAJD 216

BIODIVERSITY OF FUNGI AND FUNGUS LIKE ORGANISM ON *SOLANUM* SPECIES IN UZBEKISTAN
YUSUFJON GAFFOROV, SHAKHNOZA TESHABOEVA, TUTIGUL KHOLMURADOVA, TROBJON MAKHKAMOV, NARGIZA ABDUBOYEVA, AZIZ ABDURAZAKOV, NODIRALI NORMAKHAMATOV, SYLVIE RAPIOR, SOUMYA GHOSH **217**

FUNCTIONAL PROPERTIES OF IRANIAN AGARIC MUSHROOMS
MASOOMEH GHOBAD NEJHAD, VLADIMIR ANTONIN **219**

***PSEUDOHYDROPUS FLOCCIPES* A NEW RECORD FOR TURKISH MYCOTA**
ABDULLAH KAYA, YASİN UZUN **220**

DETERMINATION OF *ASPERGILLUS* BIODIVERSITY IN INDOOR AIR IN THE WINTER MONTHS JANUARY FEBRUARY MARCH 2022 OF CATTLE BARNS IN IHSANGAZI DISTRICT KASTAMONU WHICH MAY CREATE POTENTIAL INFECTION RISK
GÜLAY GİRAY, ABDULLAH ŞİMŞEK **221**

EVALUATION OF BIOCHEMICAL PARAMETERS IN CORONAVIRUS DISEASE 2019 PATIENTS ALONG WITH *CANDIDA* INFECTIONS
MAHTAB ZAMANIAN YAZDI, AZAR KHADEM RAZAVI, HOSSEIN ZARRINFAR, HASSAN MEHRAD MAJD **222**

DETERMINATION OF *PENICILLIUM* BIODIVERSITY IN WINTER MONTH JANUARY FEBRUARY MARCH 2022 OF BATTLE STABLES IN IHSANGAZI DISTRICT KASTAMONU
ABDULLAH ŞİMŞEK, GÜLAY GİRAY **223**

IDENTIFICATION OF FUNGI ASSOCIATED WITH DIFFERENT *PIGEON PEA* SEED ACCESSIONS FROM IRAN
TAHERI ARDESTANI SIMIN, ABBASI MOGHADAM AHMAD, AHMADI MEHRZAD, TALAEI ZAHRA **225**

DETERMINATION OF ANTIFUNGAL ACTIVITY OF DIFFERENT PLANT EXTRACTS
SENEM ÖZTÜRK KÖSE, HACI HALİL BIYIK, ESİN POYRAZOĞLU, ZEYNEP BURCU BAYRAK **226**

DETECTION AND MEASUREMENT OF AFLATOXINS B1 USING CDSE ZNS CORE SHELL QUANTUM DOTS
MEHDI RAZZAGHI ABYANEH, FARNOUSH ASGHARI PASKIABI, MOHAMMADHASSAN GHOLAMI SHABANI, MASOOMEH SHAMS GHAHFAROKHI, FATEMEHSADAT JAMZIVAR **227**

MORFOLOGICAL AND MOLECULAR CONFIRMATION OF AN EDIBLE FUNGUS *AGARICUS ARVENSIS* SCHAEFF AND *AGARICUS LITORALIS* PILAT
ŞEYDA ÇOMAK, ŞÜHEDA SÜMEYYE TERMAN, MUSTAFA EMRE AKÇAY, AYTEN DİZKIRICI TEKPINAR **228**

PHENOTYPIC AND MOLECULAR IDENTIFICATION OF GREEN PEA POWDERY MILDEW PATHOGEN FROM ALBORZ IRAN
TAHERI ARDESTANI SIMIN, KHODAPARAST SEYED AKBAR, ABBASI MOGHADAM AHMAD, AHMADI MEHRZAD **229**

A CLOSE FRIENDSHIP IN SUBSOIL ARBUSCULAR MYCORRHIZA AND *CLONOSTACHYS ROSEA*
GÖKHAN BOYNO, ROJBİN ÇEVİK, YOUNES REZAEE DANESH, SEMRA DEMİR **230**

FULL TEXTS

FUSARIUM SPECIES ISOLATED FROM BOZCADA CAVUS AND KARALAHNA GRAPE

GÜLÇİN ÖZCAN ATEŞ[1], NÜKHET NİLÜFER DEMİREL ZORBA[2]

[1]Çanakkale Onsekiz Mart University, Çanakkale Vocational School of Health Services, Medical Services and Techniques, Çanakkale, Türkiye
[2]Çanakkale Onsekiz Mart University, Faculty of Engineering, Food Engineering, Çanakkale, Türkiye

ABSTRACT

Bozcaada is the third largest island of Türkiye, connected to Çanakkale, and is located northeast of the Aegean Sea. It has a low and flat structure geographically. Since most of Bozcaada's vegetation consists of vineyards, viticulture is the most significant source of income. It has a Mediterranean climate and due to its geographical location at the exit of the Bosporus, north and south winds are very effective. For this reason, it allows the world's most delicious Çavuş grape and various grapes to be grown. The risk of contamination of grapes with mycotoxin-producing mold species such as *Aspergillus*, *Alternaria*, and *Penicillium* is well-known. Especially *Aspergillus* species and their mycotoxins have been studied in grapes and grape products. Recently, the presence of fumonisin B2 mycotoxin in grapes and their products has been determined. Still, there is minimal information about toxinogenic *Fusarium* species in grapes and their products. For this reason, our study identified 10 *Fusarium* isolates isolated from Karalahna and Çavuş grape varieties grown in Bozcaada between 2015-2016. Identification of the isolates was made according to the guidelines of Leslie and Summerell (2006), Pitt and Hocking (2009), Samson et al. (2010), and Walsh et al. (2018). As a result, it was determined that the isolates were probably *Fusarim equiseti*, *Fusarium fujikuroi*, *Fusarium oxysporum*, *Fusarium poae*, and *Fusarium verticillioides*.

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KEYWORDS: *Fusarium*, Bozcaada, Çavuş grape, Karalahna grape, Iden



INVITATION LETTER

26.08.2022

Dear ASSIS PROF DR GULCIN OZCAN ATES,
Canakkale Onsekiz Mart University
TR

To Whom It May Concern,

The International Scientific Committee has the pleasure of inviting you as **Oral** presenter delegate to the 3rd International Eurasian Mycology Congress (EMCVAN22) to be held in Van on Sep 07-09, 2022.

Thank you in advance for your contribution toward the success of EMCVAN22. We look forward to welcoming you to EMCVAN22 in Van.

Best Regards,

Prof. Dr. Yusuf UZUN
On the behalf of Organizing Committee, EMCVAN22

Paper Code : EMCVAN22-0093

3rd International Eurasian Mycology Congress (EMCVAN22)

Sep 07-09, 2022

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Phone: 5343658626 - **Fax:** 5343658626

Email: info@emcvan2022.com - **Web:** https://www.emcvan2022.com



ACCEPTANCE LETTER

26.08.2022

Dear ASSIS PROF DR GULCIN OZCAN ATES,

We are pleased to inform you that your paper entitled "*FUSARIUM SPECIES ISOLATED FROM BOZCADA CAVUS AND KARALAHNA GRAPE*" has been accepted as ***Oral Presentation*** to be presented at the 3rd International Eurasian Mycology Congress 2022 which will take place on Sep 07-09, 2022 in Van

Thank you in advance for your contribution toward the success of EMCVAN22. We look forward to welcoming you to EMCVAN22 in Van.

Best Regards,

Prof. Dr. Yusuf UZUN
On the behalf of Organizing Committee, EMCVAN22

3rd International Eurasian Mycology Congress (EMCVAN22)

Sep 07-09, 2022

Van Yuzuncu Yil Üniversitesi

Mantar Araştırma ve Uygulama Merkezi Müdürlüğü, Zeve Kampüsü, 65060, Tuşba, Van

Phone: 5343658626 - **Fax:** 5343658626

Email: info@emcvan2022.com - **Web:** https://www.emcvan2022.com