

Dates: 7-8 October, 2024

Venue: 7 October -- Batumi Shota Rustaveli State University, Building I., Room 55. Address: 35/32 Ninoshvili/Rustaveli str. Batumi.

8 October – Institute of Phytopathology and Biodiversity, Kobuleti, Haidar Abashidze st. 26

Agenda

Monday, 7 October

9:00 – 10:00	Registration
10:00 – 11:00 Room 55.	Conference opening, welcome speeches.
11:00 – 11:20	Coffee break
I Plenary session	Moderator: Mariam Metreveli
11:20 - 11:40	Zoia Sikharulidze Phytopathological Studies of the Institute of Phytopathology and Biodiversity Institute of Phytopathology and Biodiversity, Batumi Shota Rustaveli State University. Kobuleti, <i>Georgia</i> .
11:40 – 12:00	Giorgi Kvesitadze Discovery of a new bacteriophage and creation of a new genus <i>Dibbivirus</i> in the taxonomy of viruses Sadunishvili T., Gaganidze D., Kvesitadze G., Kropinski A. Sergi Durmishidze Institute of Biochemistry and Biotechnology, Agricultural University of Georgia, Tbilisi, Georgia; University of Guelph, <i>Canada</i> .
12:00 – 12:20	Aliosha Bakuridze Plants as a Source for the Production of Biofunctional Products A. Bakuridze, M. Metreveli, M. Jokhadze, D. Berashvili, L. Bakuridze Tbilisi State Medical University, Tbilisi, <i>Georgia</i> . Institute of Phytopathology and Biodiversity, Batumi Shota Rustaveli State University. Kobuleti, <i>Georgia</i> .
12:20 – 12:40	Gianluigi Franci Antimicrobial Activity of Natural Origin Products: Exploring Novel Bioactive Compounds. (ZOOM) University of Salerno. Salerno, <i>Italy</i>
12:40 – 13:00	Marina Tediashvili Potential of bacteriophages in relation to the “One World -One Health” concept G. Eliava Institute of Bacteriophages, Microbiology and Virology, Tbilisi, <i>Georgia</i>

13:00-13:20	Izolda Machutadze Cooperation and awareness raising for a pollution-free and ecologically sustainable Black Sea Institute of Phytopathology and Biodiversity, Batumi Shota Rustaveli State University, Kobuleti, <i>Georgia</i>
13:20-13:40	Kadir Seyhan Assessing challenges and opportunities in the Black Sea: Insights from the 2nd Multi-Actor Forum Kadir Seyhan, Ömerhan Dürrani, Şebnem Atasaral, Koray Özşeker Karadeniz Technical University, Trabzon, <i>Türkiye</i>
13:40-14:00	Keziban YAZICI Selection breeding of Satsuma Mandarin in Rize province, establishment of gene pool and development of new varieties Keziban YAZICI, Burcu GÖKSU, Mustafa AKBULUT, Nalan BAKOĞLU Recep Tayyip Erdoğan University, Faculty of Agriculture, Department of Horticulture, Rize, <i>Turkey</i>
14:00 – 15:00	Lunch break
II Plenary session Room 55.	Moderator: Guguli Dumbadze
15:00-15:20	Cem Mutlu TURKSEVEN Nature Knows No Boundaries: Common Challenges, Common Solutions. Cem Mutlu TURKSEVEN, Ali BIGEN, Guguli DUMBADZE Giresun Governorship, EU and External Relations Office, Giresun, <i>Turkey</i> Batumi Shota Rustaveli State University, Batumi, <i>Georgia</i>
15:20-15:40	Dominik Wróbel Problems of managing valuable natural wetlands in south-eastern Poland on the example of selected peatland reserves State University of Applied Sciences in Krosno, <i>Poland</i>
15:40-16:00	Bülent Turgut Predictive Modelling and Spatial Assessment of Türkiye's Climate Variability through Machine Learning Karadeniz Technical University, <i>Türkiye</i>
16:00-16:20	Temel Gokturk Current status of Halyomorpha halys in Turkey Artvin Çoruh University, Faculty of Forestry, Department of Forestry Engineering, <i>Turkey</i>
16:20-16:40	Tsotne Samadashvili The Role of Georgian Endemic Wheat Species in Biodiversity of Wheat Scientific-Research Center of Agriculture, Tbilisi, <i>Georgia</i>
17:00-17:20	Özgür EMİNAĞAOĞLU An Important Step for Regional Development: The Project for the Establishment of a Facility for Processing and Storing Aromatic Plants in Artvin Özgür EMİNAĞAOĞLU, Hayal AKYILDIRIM BEĞEN, Alper DURMAZ, Kamil ÖZTÜRK, Zehra EMİNAĞAOĞLU, Abdüssamed KABAKUŞ, Şevval SALİOĞLU, Canan AÇIKGÖZ HARŞIT, Hayrettin İlker ÖZDEMİR, Bahar PALAŞOĞLU, Çağlar YAZICI. Ali Nihat Gökyiğit Botanical Garden Application and Research Center, Artvin Coruh

	University, Artvin, <i>Türkiye</i>
17:20-17:40	Andiashvili Giorgi Sustainable Management of Urban Greening – Application of Impulse Tomography to Assess the Condition of Woody Plants Andiashvili Giorgi, Danelia I., Zakariashvili N., Kvitsiani S. National Botanical Garden of Georgia, Tbilisi, Georgia Georgian Technical University, Tbilisi, <i>Georgia</i>
17:40-18:00	Feride Chaidze Gene pool of medicinal woody exotics introduced at Batumi Botanical Garden Feride Chaidze, Mariam Metreveli Batumi Botanical Garden, Batumi, <i>Georgia</i> ; Institute of Phytopathology and Biodiversity, Batumi Shota Rustaveli State University, Batumi, <i>Georgia</i>
18:00-18:30	Poster Presentations
19:30	Gala dinner

Session II Room 32	Moderator: Izolda Matchutadze BSB00559 CARE SEA Cooperation and Awareness for Pollution-free and Environmentally Sustainable Black Se
15:00-15:20	Dr. Izolda Matchutadze Emerald Network freshwater ponds of riv. Chorokhi mouth and Plastic pollution
15:20-15:40	Prof. Victoria TROFIMOV „USPEE and “Lower Prut” Biosphere Reserve - problems, conservation, challenges“
15:40-16:00	Prof. Kadir Seyhan KTU a sampling strategy fro riv. Chorokhi vallry
16:00-16:20	Professor Antigoni Zafeirakou Cooperation and Awareness for Pollution-free and Environmentally Sustainable Black Sea
16:20-16:40	Prof. Cristina Despina Danube Delta National Institute for Research and Development Tulcea – 1970 – 2024

Tuesday, 8 October

I Plenary session	Moderator: Neli khalvashi
10:00 – 10:20	Sevim İNANÇ ÖZKAN Economic resources allocated for fighting forest pest Sevim İNANÇ ÖZKAN, Mehmet Özkan Department of Forest Engineering, Faculty of Forestry, Artvin Coruh University, Artvin, Turkey.
10:20-10:40	Maia Vanidze Research on Plant-Based Compounds at the Western Georgian Regional Chromatography Center Maia Vanidze, R. Davitadze, I. Japaridze, A. Kalandia Batumi Shota Rustaveli State University (BSU), Faculty of Natural Sciences and Health; Batumi Shota Rustaveli State University, Western Georgian Regional Chromatography Center, Batumi <i>Georgia</i>
10:40-11:00	Aysun AKAR General Problems and Solutions of Hazelnut Production in the World and Turkey Aysun AKAR, Meryem Nur SENE Hazelnut Research Institute, Giresun, Turkey
11:00-11:20	Magda Davitashvili The scientific discussion of some issues of features of using of car-t cells in immunotherapy Nodar Sulashvili, M.Davitashvili, N.Gorgaslidze, L.Gabunia, M. Beglaryan, N. Alavidze Iakob Gogebashvili Telavi State University, Telavi, <i>Georgia</i> .
11:20-11:40	Hayal AKYILDIRIM BEĞEN Genetic Identification of some Medicinal- Aromatic Plants from Artvin, Türkiye Hayal AKYILDIRIM BEĞEN, Özgür EMİNAĞAOĞLU, Perinçek Seçkinozan ŞEKER, Ahmet Yesari SELÇUK, Batuhan Yaman YAKIN, Nasibe Tekiner AYDIN, Ayşegül SARAL SARIYER, Emrah SARIYER Artvin Çoruh University, Artvin, <i>Türkiye</i>
11:40-12:00	Zurab Bukia Biodiversity and variety creation of Citrus - some issues of conservation TSMU Vladimer Bakhutashvili Institute of Medical Biotechnology. Tbilisi, <i>Georgia</i>
12:00-12:20	Coffee break
12:20-12:40	Van der Wolf Pathways of blackleg-causing Pectobacteriaceae that result in initial infections of a seed potato crop Van der Wolf, J.M. Krijger, M. Mendes O. & Poleij L. Wageningen University & Research, Wageningen, The <i>Netherlands</i>

12:40-13:00	Mzia Beruashvili Use of biodiversity and allelopathic potential of companion plants in tomato bioproduction Mzia Beruashvili, Tsereteli G., Kereselidze M., Saralidze Mz., Tsilosani G. Scientific Research Center of Agriculture, Tbilisi, <i>Georgia</i>
13:20-13:40	Ömerhan Dürrani Evaluation of the effectiveness of morphological markers in distinguishing fish stocks Karadeniz Technical University, Trabzon, <i>Türkiye</i>
13:40-14:00	Guguli Dumbadze Biostimulants in Citrus Cultivation in Adjara: Addressing Agricultural Challenges for Sustainable Development Lasha Mikeladze, Guguli Dumbadze, Vakhtang Kobalia, Roza Lortkipanidze, Nunu Chachkhiani-Anasashvili Akaki Tsereteli State University, Kutaisi, Georgia Batumi Shota Rustaveli State University, Batumi, Georgia.
14:00-14:20	Lunch break
14:20-15:00	Exploring the laboratories and plant collections at the Institute of Phytopathology and Biodiversity
15:00-15:15	Transfer of Certificates
15:20 – 18:00	Field trip to Ispani 2 UNESCO World Natural Heritage Sites/Excursion to Batumi Botanical Garden

Poster Presentations

Tserodze M., Javakhishvili G., Meskhi N.

Pests of some herbaceous ornamental plants

Swiss Agriculture School Caucasus, Tbilisi, *Georgia*

Ilia State University, Tbilisi, *Georgia*

Natuinal Food Agency, Tbilisi, *Georgia*

Gokadze S., Mskhiladze L., Bozhadze A., Zardiashvili L., Korkotadze T.

Evaluation of Phenolic Compounds of *Cedrus deodara* (Roxb.exD.DON) needles, introduced in Georgia

Tbilisi State Medical University, Tbilisi, *Georgia*.

Tatanashvili M., Jokhadze M., Sivsivadze K., Murtazashvili T., Tushurashvili P.

Evaluation of Phenolic Compounds and Antioxidant Potential of Vine Shoots in Georgian Grape Varieties

Tbilisi State Medical University, Tbilisi, *Georgia*.

K.Natobidze, M.Goderdzishvili, I.Tsurtsunia, G.Mikaia, A.Bakuridze

Studies of the Antifungal Activity of Some Secondary Plant Metabolites.

Tbilisi State Medical University, Tbilisi, *Georgia*.

George Eliava Institute of Bacteriology, Microbiology and Virology, Tbilisi, *Georgia* .

T. Kokashvili, M. Meparishvili, T. Eliashvili, N. Lashkhi, G. Tsertsvadze, M. Muradashvili, G. Meparishvili, M. Tediashvili

Bacteriophages specific to phytopathogenic bacteria of *Pectobacterium* and *Ralstonia* genera: characterization and antibacterial potential in vitro.

G. Eliava Institute of Bacteriophages, Microbiology and Virology, Tbilisi, *Georgia*

Institute of Phytopathology and Biodiversity, Batumi Shota Rustaveli State University, Batumi, *Georgia*

Amashukeli N., Gaganidze D., Rezzonico F., Kharadze Sh., Sadunishvili T.

Fire blight of pome fruits and CRISPR genotypes of its causative pathogen *Erwinia amylovora* in Georgia

Sergi Durmishidze Institute of Biochemistry and Biotechnology, Agricultural University of Georgia, Tbilisi, *Georgia*. Environmental Genomics and Systems Biology Research Group, Institute of Natural Resource Sciences, Zürich University of Applied Sciences (ZHAW), Campus Reidbach, Wädenswil, *Switzerland*

Omiadze N., Chokoraia I., Abutidze M., Kokhreidze V., Kvesitadze G.

Natural food dyes based on tea and vine plants and their application prospects

Sergi Durmishidze Institute of Biochemistry and Biotechnology, Agricultural University of Georgia, Tbilisi, *Georgia*

R. Dumbadze; G. Meparishvili; L. Gorgiladze; N. Jabnidze; L. Koiava; M. Muradashvili
Incidence and Severity of *Alternaria* Species Affecting *Solanaceae* Family Crops

R. Dumbadze; G. Meparishvili; L. Gorgiladze; N. Jabnidze; L. Koiava; M. Muradashvili

Institute of Phytopathology and Biodiversity, Batumi Shota Rustaveli State University, Kobuleti, *Georgia*.

Kharabadze N., Tavartkiladze K., Andiashvili G., Nakaidze J.

Climate Change and Its Negative Impact on Pest Insect Resistance

National Botanical Garden of Georgia. Tbilisi, *Georgia*.

Larisa Tirkia, Tamar Zarandia

Measures to combat pests and diseases of some woody plants in Zugdidi Botanical Garden.

Zugdidi Botanical Garden. Zugdidi, *Georgia*.

Makaradze E., Meparishvili G., Varshanidze N.

Bioecological features of *Cyclamen* species

Batumi Shota Rustaveli State University. Batumi, *Georgia*.

Lasha Bobokhidze

"Microscopic examination of some wild edible plants"

Batumi Shota Rustaveli State University. Batumi, *Georgia*.