Agenda

MUNIS
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The IV Traditional International Conference of Young Botanical Scientists





Institute of Botany, Academy of Sciences of the Republic of Uzbekistan
September 11–12, 2025

INTRODUCTION

In recent years, research in the field of botany has reached a new qualitative stage. In this process, the contribution of young botanical scientists has been significant, with their creative approaches and innovative ideas exerting a substantial influence on the advancement of the discipline. Exchanging ideas and sharing experiences among young researchers regarding the achievements being made is of paramount importance.

The Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan serves as a platform for young scientists who are achieving success in the field of plant science to present their accomplishments. One such platform is the traditional conference of young botanical scientists, regularly organized at the Institute of Botany. Over the past period, the Institute has hosted three major "Young Botanical Scientists" conferences, during which more than 50 young researchers delivered presentations and engaged in scientific discussions.

In 2025, the Institute of Botany plans to continue this tradition and intends to hold the next IV Traditional International Conference of Young Botanical Scientists on September 11–12. Unlike previous conferences, this one will be organized on an international scale. In addition to researchers from scientific institutions, university faculty, and students from across Uzbekistan, young scientists from China, South Korea, the Russian Federation, Kazakhstan, Kyrgyzstan, Tajikistan, and other countries are expected to participate. This will open up new prospects for international scientific cooperation and experience exchange.

The primary objectives of the conference are to attract young people to science, facilitate the exchange of experience in modern research across various fields of botany, further strengthen international collaborations, and foster discussions on challenges and solutions related to the conservation of plant diversity. The conference will provide a valuable platform for young researchers to acquire knowledge and experience, foster collaboration, and develop innovative ideas in scientific research.

The conference will cover the following areas:

1. Plant diversity in natural ecosystems and modern methods of botanical research;
2. The IUCN Red List and National Red Books: scientific approaches to the assessment of threatened species;
3. Molecular and genetic research in plants: phylogeny, biogeography, and bioinformatics;
4. Current topics in biotechnology, plant biochemistry, and structural botany;
5. The importance of plant introduction and ex situ research in the conservation of rare species.

The IV Traditional International Conference of Young Botanical Scientists

Agenda: Part I

Opening Ceremony of the Conference and Plenary Presentations

Date: Thursday, September 11, 2025

Time: 09:30 – 12:30

Venue: Conference hall of the Institute of Botany

Time	Agenda presentations	Speaker
09:30 – 09:35	Opening speech of the conference	Director of the Institute of Botany UAS, Academician, **Tojibaev Komiljon**
09:35 - 09:40	Welcome speeches	The President of the UAS, Academician, **Ayupov Shavkat** Vice-President of the UAS, Professor, **Turdikulova Shakhlo**
09:40 – 09:45	Video clip	
09:45 – 09:55	Group photo session	
Plenary presentations		
09:55 – 10:15	The ecological scale of Uzbekistan's flora – as a modern tool for the ecological interpretation and spatial analysis of vegetation cover	Head of the Geobotany Laboratory of the Institute of Botany UAS, DSc, **Bekhzod Adilov**
10:15 – 10:35	Phylogeny and flow cytometry of species of the Chenopodiaceae family (Amaranthaceae s.l.)	Institute of Botany and Phytointroduction, Kazakhstan, PhD, **Bektemir Osmonali**
10:35 – 10:55	Digital Nature: The Phenomenon of Endemism in Central Uzbekistan and its Molecular-genetic Basis Project	O'zR FA Botanika instituti Molekulyar filogeniya va biogeografiya laboratoriyasi mudiri, PhD, **Ziyoviddin Yusupov**
10:55 – 11:10	Coffee Break	
11:10 – 11:30	Methods of plant taxonomy identification and traditional Chinese medicine identification and their application in taxonomic practice	Xinjiang Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, China, PhD, **Chun-Fang Lu**
11:30 – 11:50	Genome Evolution and Phylogeny of the Genus *Gossypium* L. (Cotton): Studies Based on Molecular-Genetic and Bioinformatic Analyses	Chief Researcher of the Institute of Genetics and Experimental Plant Biology of the UAS, Professor, **Fakhriddin Kushanov**
11:50 – 12:10	Phylogeography of the Asphodelaceae family	DSc student of the Institute of Botany UAS, PhD, **Dilmurod Makhmudjanov**
12:10 – 12:30	Development of utilization categories for resource plants and creation of a digital system	Senior Researcher of the Laboratory of Plant Natural Resources Cadastre and Population Biology, Institute of Botany UAS, PhD, **Azizbek Makhmudov**
12:30 – 14:00	Lunch	

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Agenda: Part 2. Presentations within sections.
Section 1: Plant diversity in natural ecosystems and modern methods of botanical research

Date: Thursday, September 11, 2025
Time: 14:00 – 17:15
Venue: Conference hall of the Institute of Botany

Time	Agenda presentations	Speaker
14:00 – 14:15	Linking evolutionary dynamics to species extinction for flowering plants	Staff member of the Kunming Institute of Botany, Chinese Academy of Sciences, PhD, **Quansheng Fu** (Online)
14:15 – 14:30	Assessing the impact of climate change on the natural flora of Surkhandarya	Junior Researcher of the Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan, **Feruz Akbarov**
14:30 – 14:45	Morphobiological characteristics and aerobiological analysis of atmospheric pollen (case study of Andijan region)	3rd-year PhD student of Andijan State University, **Gulmira Ergasheva**
14:45 – 15:00	Revision of the genus *Ferula* L. (Apiaceae Lindl.) in Central Asia: Collection-based taxonomy, endemism, natural-geographical regions, sections, and altitudinal distribution	Junior Researcher of the Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan, **Bakhtiyor Karimov**
15:00 – 15:15	Flora of Lower Surkhan Region	Senior Lecturer at Termiz State University, **Uralov Rustam**
15:15– 15:30	Genus *Elymus* L. in the flora of Uzbekistan	3rd-year PhD student of the Institute of Botany UAS, **Kumush Alieva**
15:30– 15:45	Ecophysiological assessment of pasture degradation processes under the impact of livestock grazing	Master's student of the Department of Plant Physiology and Microbiology, Samarkand State University, **Jamshid Amirov**
15:45 – 16:00	Coffee Break	
16:00 – 16:15	Natural resources of species of the genus *Cistanche* distributed in Bukhara region	Researcher of Bukhara State University, **Sirojiddin Murodov**
16:15– 16:30	Distribution and resources of the genus *Codonopsis* in the flora of Uzbekistan	Researcher of the Institute of Botany UAS, **Bekzod Mavlanov**
16:30 – 16:45	Assessment of ecological niche values of *Ferula foetida* (Bunge) Regel in Uzbekistan	Researcher of the Geobotany Laboratory, Institute of Botany UAS, **Allan Mirzambetov**
16:45 – 17:00	Assessment of changes in vegetation indices and their trends in the Aral Sea region's plant cover in relation to climate change	Researcher of the Institute of Botany UAS, **Jasur Sadinov**
17:00 – 17:15	Current state and transformation mechanisms of mesophilic vegetation in the Fergana Valley	2nd-year PhD student of Namangan State University, **Zulkhumor Jurakhanova**

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Agenda: Part 2. Presentations within Sections

Section 2: IUCN Red List and National Red Books: Scientific Approaches to the Assessment of Threatened Species

Date: Thursday, September 11, 2025
Time: 14:00 – 16:00
Venue: Conference hall of the Institute of Zoology UAS

Time	Agenda presentations	Speaker
14:00 – 14:15	Assessment results of protected *Phlomoides* Moench species in the flora of Uzbekistan based on IUCN criteria	Namangan State University, Senior Lecturer, PhD, Associate Professor, **Rustamjon Gulomov**
14:15 – 14:30	Rare species of the Tomdi remnant mountains	Bukhara State University, 2nd-year PhD student, **Shokhrux Fayzullaev**
14:30 – 14:45	Assessment of rare species in specially significant areas of the Fergana Valley according to IUCN categories	Namangan State University, Senior Lecturer, PhD, Associate Professor, **Khushbakht Khoshimov**
14:45 – 15:00	Rare macromycetes of the mycobiota of Uzbekistan: their conservation status and the need for inclusion in the Red Book	Tashkent Botanical Garden named after Academician F.N. Rusanov, Dendrology Laboratory, Institute of Botany UAS, Junior Researcher, **Mirzarahmat Turaboyev**
15:00 – 15:15	Coffee Break	
15:15– 15:30	Conservation status and distribution of IUCN-listed plant species in the Yukori Tupolang National Nature Park	Green Business Innovation LLC, Staff Member, **Bobur Choriyev**
15:30– 15:45	Current state of populations of some rare species of the family Asteraceae Brecht. & J. Presli distributed in the Nurota Range	Institute of Botany UAS, Laboratory of Plant Conservation and Ecology, PhD student, **Hikmatullo Ibragimov**
15:45– 16:00	Current state of populations of the endemic species *Lepidium olgae* in the Nurota Range	Institute of Botany UAS, Laboratory of Plant Conservation and Ecology, Junior Researcher, **Husniddin Abulfayzov**

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Agenda: Part 2. Presentations within Sections

Section 3: Molecular-Genetic Research in Plants: Phylogeny, Biogeography, and Bioinformatics

Date: September 11, 2025, Thursday
Time: 14:00 – 16:15
Venue: Conference Hall of the Institute of Mechanics, UAS

Time	Agenda presentations	Speaker
14:00 – 14:15	Molecular Phylogeny and Biogeography of the *Allium* subgenus *Melanocrommyum* (Amaryllidaceae)	Independent Researcher, Institute of Botany UAS, **Ibrokhimjon Ergashev**
14:15 – 14:30	Bridging Chemical Analysis and Functional Screening: Innovative Applications of the Zebrafish Model in the Discovery and Validation of Botanical Active Ingredients	Changchun University of Chinese Medicine, **Lulu Wang**
14:30 – 14:45	Molecular Phylogeny and Biogeography of the Genus *Euphorbia* in the Fergana Valley	PhD Student at Namangan State University, **Asilbek Najmiddinov**
14:45 – 15:00	*Rheum maximowiczii* Losinsk.: Characterization of Secondary Metabolite Profiles and Delayed Luminescence Properties Based on Comparison with *Rheum tanguticum* Maxim. ex Balf.	Changchun University of Chinese Medicine, **Jianan Wang**
15:00 – 15:15	Coffee Break	**Coffee Break**
15:15– 15:30	Taxonomic significance of chloroplast genome variation and anther appendage shape diversity in the genus *Cousinia*	PhD Student at Institute of Botany UAS, **Bobur Karimov**
15:30 – 15:45	Genetic Analysis of Abiotic Stress Tolerance in Selected Narrow-Range *Nepeta* Species	PhD Student at Institute of Botany UAS, **Zamira Rakhimjonova**
15:45 – 16:00	Biogeographical History and Molecular Insights into the Diversification of *Gagea* in Central Asia	Junior Researcher at Institute of Botany UAS, PhD, **Gulsauir Kurbaniyazova**
16:00 – 16:15	Genetic Diversity of *Inula L.* species: Analysis Based on STAB and KIT Methods and the Impact of Stress Factors	Phd Student at Andijan State University, **Gulzoda Ermatova**

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Agenda: Part 2. Presentations within sections
Section 4: Current Trends in Biotechnology, Plant Biochemistry, and Structural Botany

Date: Thursday, 11 September 2025
Time: 14:00 – 17:55
Venue: Meeting Hall of the Institute of Mechanics UAS

Time	Agenda presentations	Speaker
14:00 – 14:15	Prospects for the use of rhizobial bacteria-based biopreparations	Professor of the Department of Biotechnology, Jizzakh Branch of the National University of Uzbekistan, DSc, **Sayyora Murodova**
14:15 – 14:30	Breeding program of seedless grapes	Junior Researcher, Center for Genomics and Bioinformatics of the Academy of Sciences of Uzbekistan, **Sadulla Abdullayev**
14:30 – 14:45	Comparative anatomical structure of fruits of two species of the genus *Ferula* L.	Lecturer at Namangan State University, PhD, **Mokhizar Mirzaolimova**
14:45 – 15:00	In vitro propagation of desert medicinal plants and assessment of their adaptation to salinity stress.	Junior Researcher at Research Institute of Plant Genetic Resources, **Sayyora Abdirakhimova**
15:00 – 15:15	Biotechnology of species of the genus *Codonopsis* Wall. distributed in Uzbekistan	Junior Researcher at Institute of Botany UAS, PhD, **Dilafruz Djamalova**
15:15– 15:30	Biotechnological potential of soil cyanobacteria	Associate Professor at Namangan State University, DSc, **Yulduzkhon Tukhtaboyeva**
15:30– 15:45	The Effect of Bioactive Compounds on the Physiological and Biochemical Characteristics of varieties of *Phaseolus vulgaris* L.	3rd-Year PhD Student at Institute of Biochemistry, Samarkand State University, **Maftuna Nasimova**
15:40 – 15:55	Coffee Break	
15:55 – 16:10	Diterpenoid alkaloids and biological activity of *Delphinium oreophilum* Huth. distributed in Uzbekistan	Junior Researcher at Institute of Botany UAS, PhD, **Khilola Akhunova**
16:10 – 16:25	Chemical study of *Vitis vinifera* L. and development of biologically active supplements based on it	3rd-Year PhD Student at National University of Uzbekistan named after Mirzo Ulug'bek, **Aziza Azimova**
16:25 – 16:40	Biochemical composition of dewberry (*Rubus caesius* L.) cultivars grown under the conditions of Samarkand Region	3rd-Year PhD Student at Samarkand State University named after Sharof Rashidov, **Noila Jumakulova**
16:40 – 16:55	Identification of active compounds in the roots of *Rubia tinctorum L.* and investigation of their biological activity	Junior Researcher at Institute of Bioorganic Chemistry of the Academy of Sciences of Uzbekistan, **Aziza Ishmuratova**
16:55 – 17:10	Assessment of the impact of drought on certain physiological parameters of annual cultivars of *Secale cereale* L.	3rd-Year PhD Student at Samarkand State University named after Sharof Rashidov, **Markhabo Makhramova**
17:10 – 17:25	Structural adaptation features of some *Salsola L.* species distributed in arid regions	Staff Member, National University of Uzbekistan named after Mirzo Ulugbek, PhD, **Guli Ibrohimova**
17:25 – 17:40	Genetic analysis and in vitro microclonal propagation of local cultivars of pomegranate (*Punica granatum* L.)	Junior Researcher, Center for Genomics and Bioinformatics of the Academy of Sciences of Uzbekistan, **Abduvohid Bolkiyev**
17:40 – 17:55	Influence of microelements on the physiological and biochemical characteristics of *Cucumis melo L.* cultivars	3rd-Year PhD Student at Institute of Biochemistry, Samarkand State University, **Durdona Ergashova**

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Agenda: Part 2. Presentations within sections.

Section 5: Plant introduction and the importance of *ex-situ* research in the conservation of rare species

Date: Thursday, September 11, 2025
Time: 14:00 – 16:00
Venue: Tashkent Botanical Garden, Conference Hall

Time	Agenda presentations	Speaker
14:00 – 14:15	Introduction of medicinal plants under the conditions of the Qarshi oasis	Associate Professor, Department of Botany, Qarshi State University, PhD, **Mekhriniso Nasriddinova**
14:15 – 14:30	Importance and scientific foundations of establishing collections in botanical gardens	Deputy Director, Tashkent Botanical Garden, PhD, **Sobitjon Nosirov**
14:30 – 14:45	Introduction of trees and shrubs used in greening Namangan city	Lecturer, Faculty of Biotechnology, Namangan State University, **Ilyosjon Zahiriddinov**
14:45 – 15:00	Introduction and current status of bulbous geophytes: the case of the Tashkent Botanical Garden	Junior Researcher, Laboratory of Dendrology, Tashkent Botanical Garden, PhD, **Davlatali Abdullayev**
15:00 – 15:15	Coffee Break	
15:15– 15:30	The importance of ornamental shrubs in the greening of cities in Uzbekistan. Theoretical foundations of introducing ornamental shrubs	Junior Researcher, Laboratory of Dendrology, Tashkent Botanical Garden, PhD, **Dilovar Hamrayeva**
15:30 – 15:45	Agrotechnics of transplanting and maintaining trees and shrubs used in landscaping	Associate Professor, Department of Forestry and Landscape Design, Tashkent State Agrarian University, **Kamola Khalilova**
15:45-16:00	Conservation of rare and endangered plant species under *ex-situ* conditions	Junior Researcher (Independent Researcher), Laboratory of Dendrology, Tashkent Botanical Garden, **Muslimjon Rakhmatillaev**

KUN TARTIBI

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Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasi





O‘zbekiston Respublikasi Fanlar akademiyasi Botanika instituti
11–12-sentabr, 2025

KIRISH

So‘nggi yillarda botanika sohasida amalga oshirilayotgan tadqiqotlar yangi sifat bosqichiga chiqdi. Ushbu jarayonda yosh botanik olimlarning hissasi juda yuqori va ularning ijodiy yondashuvlari, innovatsion g‘oyalari sohaning rivojlanishiga katta ta’sir ko‘rsatmoqda. Erishilayotgan yutuqlar bo‘yicha yosh olimlar o‘rtasida o‘zaro fikr almashish va tajriba ulashish nihoyatda muhim ahamiyat kasb etadi.

O‘zbekiston Respublikasi Fanlar akademiyasi Botanika instituti o‘simlikshunoslik sohasida muvaffaqiyatga erishayotgan yosh olimlar uchun o‘zlari erishgan yutuqlarini namoyish qilishda platforma vazifasini bajarmoqda. Ushbu platformalardan biri, an’anaviy ravishda, Botanika institutida tashkil qilinayotgan Yosh botanik olimlar konferensiyasidir. O‘tgan davr mobaynida Botanika instituti uchta yirik “Yosh botanik olimlar” konferensiyasiga mezbonlik qildi, buning natijasida 50 dan ortiq yosh olimlar o‘z ma’ruzalarini taqdim etdilar va ilmiy munozaralarda ishtirok etishdi.

2025-yilda ham Botanika instituti ushbu an’anani davom ettirish rejasini ishlab chiqdi va 11-12-sentabr kunlari navbatdagi Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasini o‘tkazishni maqsad qilmoqda. Ushbu konferensiyaning avvalgilaridan farqli jihati uning xalqaro miqyosda bo‘lishidir. Konferensiyada O‘zbekistondagi ilmiy tadqiqot muassasalari xodimlari, oliy o‘quv yurtlari professor-o‘qituvchilari va talabalari bilan bir qatorda, Xitoy, Janubiy Koreya, Rossiya Federatsiyasi, Qozog‘iston, Qirg‘iziston, Tojikiston va boshqa davlatlardan yosh olimlarning ishtirok etishi kutilmoqda. Bu esa xalqaro ilmiy hamkorlik va tajriba almashuvlari uchun yangi istiqbollarni ochadi.

Konferensiya o‘tkazishdan asosiy ko‘zlangan maqsad — yoshlarni ilm-fanga jalb qilish, botanikaning turli sohalarida zamonaviy tadqiqotlar bo‘yicha tajriba almashish, xorijiy aloqalarni yanada mustahkamlash, shuningdek, o‘simliklar xilma-xilligini saqlashdagi muammolar va ularning yechimi bo‘yicha fikr almashishdan iborat. Konferensiya yosh olimlar uchun qimmatbaho bilim va tajribalarni o‘rganish, o‘zaro hamkorlik va ilmiy tadqiqotlar sohasidagi innovatsion g‘oyalarni rivojlantirish uchun muhim platforma bo‘lib xizmat qiladi.

Konferensiya quyidagi yo‘nalishlarni o‘z ichiga oladi:

1. Tabiiy ekotizimlardagi o‘simliklar xilma-xilligi va botanik tadqiqotlarning zamonaviy usullari;

2. IUCN Qizil ro‘yxati va Milliy Qizil kitoblar: Xavf ostidagi turlarni baholashning ilmiy yondashuvlari;

3. O‘simliklarda molekulyar-genetik tadqiqotlar: filogeniya, biogeografiya va bioinformatika;

4. Biotexnologiya, o‘simliklar biokimyosi va strukturaviy botanikaning dolzarb yo‘nalishlari;

5. O‘simliklar introduksiyasi va kamyob turlarni saqlab qolishda *ex-situ* tadqiqotlarining ahamiyati.

Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasi

Kun tartibi: 1-qism

Konferensiyaning ochilish marosimi va plenar ma’ruzalar

Sana: 2025-yil 11-sentabr, Payshanba

Vaqt: 09:30 – 12:15

Manzil: Botanika instituti majlislar zali

Vaqt	Kun tartibidagi masala	Ma’ruzachi
09:30 – 09:35	Konferensiyaning ochilish nutqi	O‘zR FA Botanika instituti direktori, akademik **Tojibayev Komiljon**
09:35 - 09:40	Tabriklash nutqlari	O‘zR FA Prezidenti, akademik, **Ayupov Shavkat** O‘zR FA Vitse-prezidenti, professor, **Turdikulova Shaxloxon**
09:40 – 09:45	Videorolik	
09:45 – 09:55	Guruh bo‘lib rasmga tushish	
Plenar ma’ruzalar		
09:55 – 10:15	O‘zbekiston florasining ekologik shkalasi - o‘simliklar qoplamining ekologik talqini va fazoviy tahlilining zamonaviy vositasi sifatida	O‘zR FA Botanika instituti Geobotanika laboratoriyasi mudiri, b.f.d., **Adilov Bexzod**
10:15 – 10:35	Филогения и проточная цитометрия видов семейства Chenopodiaceae (Amaranthaceae s. l.)	Институт ботаники и фитоинтродуции, Казахстан, PhD **Осмонали Бектемир**
10:35 – 10:55	Digital Nature: The Phenomenon of Endemism in Central Uzbekistan and its Molecular-genetic Basis Project	O‘zR FA Botanika instituti Molekulyar filogeniya va biogeografiya laboratoriyasi mudiri, PhD, **Yusupov Ziyoviddin**
10:55 – 11:10	Kofe ichish uchun tanaffus	
11:10 – 11:30	Methods of plant taxonomy identification and traditional Chinese medicine identification and their application in taxonomic practice	Xitoy Fanlar akademiyasi Shinjon fizika va kimyo texnika instituti, Xitoy, PhD, **Lu Chun-Fang**
11:30 – 11:50	Genome Evolution and Phylogeny of the Genus *Gossypium* L. (Cotton): Studies Based on Molecular-Genetic and Bioinformatic Analyses	O‘zR FA Genetika va o'simliklar eksperimental biologiyasi instituti bosh ilmiy xodimi **Kushanov Faxriddin**
11:50 – 12:10	Asphodelaceae oilasining filogeografiyasi	O‘zR FA Botanika instituti doktoranti, PhD, **Maxmudjanov Dilmurod**
12:10 – 12:30	Resursbop o‘simliklardan foydalanish toifalarini ishlab chiqish va raqamli tizimini yaratish	O‘zR FA Botanika instituti O‘simliklar tabiiy resurslari kadastri va populyatsion biologiyasi laboratoriyasi kat.i.x. PhD, **Maxmudov Azizbek**
12:30 – 14:00	Tushlik	

Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasi

Kun tartibi: 2-qism. Seksiyalar doirasida ma’ruzalar.

1-seksiya: Tabiiy ekotizimlardagi o‘simliklar xilma-xilligi va botanik tadqiqotlarning zamonaviy usullari

Sana: 2025-yil 11-sentabr, Payshanba

Vaqt: 14:00 – 17:15

Manzil: Botanika instituti majlislar zali

Vaqt	Kun tartibidagi masala	Ma’ruzachi
14:00 – 14:15	Linking evolutionary dynamics to species extinction for flowering plants	Xitoy Fanlar akademiyasi Kunming Botanika instituti xodimi, PhD, **Quansheng Fu** (Online)
14:15 – 14:30	Iqlim o‘zgarishlarini Surxondaryo tabiiy florasiga ta’sirini baholash	O‘zR FA Botanika instituti kichik ilmiy xodimi, **Akbarov Feruz**
14:30 – 14:45	Atmosfera gulchanglarining morfobiologik xususiyati va aerobiologik taxlili (Andijon viloyati misolida)	Andijon davlat universiteti 3-bosqich tayanch doktoranti **Ergasheva Gulmira**
14:45 – 15:00	Markaziy Osiyoda *Ferula* L. (Apiaceae Lindl.) turkumi reviziyasi: Kollektonimika, endemism, tabiiy-geografik hududlar, seksiyalar va balandlik mintaqalari bo’ylab tarqalishi	O‘zR FA Botanika instituti kichik ilmiy xodimi, **Karimov Baxtiyor**
15:00 – 15:15	Quyi Surxon hududi florasi	Termiz davlat universiteti katta o‘qituvchi, **Uralov Rustam**
15:15– 15:30	O‘zbekiston florasidagi *Elymus* L. turkumi	O‘zR FA Botanika instituti 3-bosqich tayanch doktoranti, **Aliyeva Kumush**
15:30– 15:45	Chorva mollarini boqilish ta’sirida yaylov degradatsiya jarayonlarini ekofiziologik baholash	Samarqand davlat universiteti O‘simliklar fiziologiyasi va mikrobiologiya kafedrasi magistri **Amirov Jamshid**
15:45 – 16:00	Kofe ichish uchun tanaffus	
16:00 – 16:15	Buxoro viloyatida tarqalgan *Cistanche* turkumi turlari tabiiy resurslari	Buxoro davlat universiteti tadqiqotchisi **Murodov Sirojiddin**
16:15– 16:30	O‘zbekiston florasidagi *Codonopsis* turkumi turlarining tarqalishi va resurslari	O‘zR FA Botanika instituti tadqiqotchisi **Mavlanov Bekzod**
16:30– 16:45	Assessment of ecological niche values of *Ferula foetida* (Bunge) Regel in Uzbekistan	O‘zR FA Botanika instituti Geobotanika laboratoriyasi xodimi, **Mirzambetov Allan**
16:45 – 17:00	Iqlim o‘zgarishiga bog‘liq holda Orol bo‘yi hududi o‘simliklar qoplami vegetatsiya indekslarining o‘zgarishi va ularning trend ko‘rsatkichlarini baholash	O‘zR FA Botanika instituti tadqiqotchisi **Sadinov Jasur**
17:00 – 17:15	«Современное состояние и механизмы трансформации мезофильной растительности Ферганской долины»	Namangan Davlat Universiteti 2-bosqich tayanch doktoranti, **Juraxanova Zulxumor**

Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasi

Kun tartibi: 2-qism. Seksiyalar doirasida ma’ruzalar.

2-seksiya: IUCN Qizil ro‘yxati va Milliy Qizil kitoblar: Xavf ostidagi turlarni baholashning ilmiy yondashuvlari

Sana: 2025-yil 11-sentabr, Payshanba
Vaqt: 14:00 – 16:00
Manzil: O‘zR FA Zoologiya instituti majlislar zali

Vaqt	Kun tartibidagi masala	Ma’ruzachi
14:00 – 14:15	O‘zbekiston florasida muhofazaga olingan *Phlomoides* Moench turlarining IUCN mezonlari asosida baholash natijalari	Namangan davlat universiteti katta o‘qituvchisi PhD, dotsent, **G‘ulomov Rustamjon**
14:15 – 14:30	Tomdi qoldiq tog’larining kamyob turlari	Buxoro davlat universiteti 2-bosqich tayanch doktoranti, **Fayzullaev Shoxrux**
14:30 – 14:45	Farg‘ona vodiysining alohida ahamiyatga ega hududlaridagi noyob turlarni IUCN kategoriyasi bo‘yicha baholash	Namangan davlat universiteti katta o‘qituvchisi PhD, dotsent, **Xoshimov Xushbaxt**
14:45 – 15:00	O‘zbekiston mikobiotasining kamyob makromitsetlari: ularning muhofaza holati va Qizil kitobga kiritish zarurati	O‘zR FA Botanika instituti qoshidagi Akademik F.N. Rusanov nomidagi Toshkent botanika bog‘i Dendrologiya laboratoriyasi kichik ilmiy xodimi, **To‘raboyev Mirzarahmat**
15:00 – 15:15	Kofe ichish uchun tanaffus	
15:15– 15:30	Conservation Status and Distribution of IUCN-Listed Plant Species in the Yukori Tupolang National Nature Park	Green business Innovation MCHJ xodimi **Choriyev Bobur**
15:30– 15:45	Nurota tizmasida tarqalgan Asteraceae Brecht. & J.Presli oilasi ayrim kamyob turlari populyatsiyalarining zamonaviy holati	O‘zR FA Botanika instituti O‘simliklar muhofazasi va ekologiyasi laboratoriyasi tayanch doktoranti, **Ibragimov Hikmatullo**
15:45– 16:00	Nurota tizmasida tarqalgan *Lepidium olgae* endemik turi populyatsiyasining zamonaviy holati	O‘zR FA Botanika instituti O‘simliklar muhofazasi va ekologiyasi laboratoriyasi kichik ilmiy xodimi **Abulfayzov Husniddin**

Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasi

Kun tartibi: 2-qism. Seksiyalar doirasida ma’ruzalar.

3-seksiya: O‘simliklarda molekulyar-genetik tadqiqotlar: filogeniya, biogeografiya va bioinformatika

Sana: 2025-yil 11-sentabr, Payshanba
Vaqt: 14:00 – 16:15
Manzil: O‘zR FA Mexanika instituti majlislar zali

Vaqt	Kun tartibidagi masala	Ma’ruzachi
14:00 – 14:15	Molecular phylogeny and biogeography of the *Allium* subgenus *Melanocrommyum* (Amaryllidaceae)	O‘zR FA Botanika instituti Mustaqil tadqiqotchisi **Ergashov Ibroximjon**
14:15 – 14:30	Bridging Chemical Analysis and Functional Screening: Innovative Applications of the Zebrafish Model in the Discovery and Validation of Botanical Active Ingredients	Changchun University of Chinese Medicine, **Lulu Wang**
14:30 – 14:45	Farg‘ona vodiysida tarqalgan *Euphorbia* turkumining molekulyar filogeniyasi va biogeografiyasi	NamDU Tayanch doktoranti **Najmiddinov Asilbek**
14:45 – 15:00	*Rheum maximowiczii* Losinsk.: Characterization of secondary metabolites profile and delayed luminescence properties based on comparison with *Rheum tanguticum* Maxim. ex Balf.	Changchun University of Chinese Medicine, **Jianan Wang**
15:00 – 15:15	Kofe ichish uchun tanaffus	
15:15– 15:30	Taxonomic significance of chloroplast genome variation and anther appendage shape diversity in the genus *Cousinia*	O‘zR FA Botanika instituti Tayanch doktoranti **Karimov Bobur**
15:30 – 15:45	Tor tarqalish arealiga ega ayrim *Nepeta* turkum turlarinig abiotik stresslarga chidamliligining genetik tahlili	O‘zR FA Botanika instituti Tayanch doktoranti **Raximjonova Zamira**
15:45 – 16:00	Biogeographical history and molecular insights into the diversification of *Gagea* in Central Asia	O‘zR FA Botanika instituti kichik ilmiy xodimi **Kurbaniyazova Gulsauir**
16:00 – 16:15	*Inula* L. turlarining genetik xilma-xilligi: STAB va KIT usullari asosida tahlil hamda	Andijon davlat universiteti tayanch doktoranti, **Ermatova Gulzoda**

Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasi

Kun tartibi: 2-qism. Seksiyalar doirasida ma’ruzalar.
4-seksiya: Biotexnologiya, o‘simliklar biokimyosi va strukturaviy botanikaning dolzarb yo‘nalishlari

Sana: 2025-yil 11-sentabr, Payshanba
Vaqt: 14:00 – 17:55
Manzil: O‘zR FA Mexanika instituti majlislar zali

Vaqt	Kun tartibidagi masala	Ma’ruzachi/Speaker
14:00 – 14:15	Rizobial bakteriyalar asosidagi biopreparatlardan foydalanish istiqbollari	O‘zbekiston Milliy universiteti Jizzax filiali Biotexnologiya kafedrasi professori, b.f.d. **Murodova Sayyora**
14:15 – 14:30	Breeding program of seedless grapes	O‘zR FA Genomika va bioinformatika markazi kichik ilmiy xodimi **Abdullayev Sa’dulla**
14:30 – 14:45	Сравнительное анатомическое строение плодов двух видов рода *Ferula* L.	Namangan davlat universiteti xodimi, PhD **Mirzaolimova Moxizar**
14:45 – 15:00	Cho‘l dorivor o‘simliklarini in vitro ko‘paytirish va sho‘rlanish stressiga adaptatsiyasini baholash	O‘simliklar genetik resurslari ilmiy-tadqiqot instituti kichik ilmiy xodimi **Abdiraximova Sayyora**
15:00 – 15:15	O‘zbekistonda tarqalgan *Codonopsis* Wall. turkumi turlarining biotexnologiyasi	O‘zR FA Botanika instituti kichik ilmiy xodimi, PhD **Djamalova Dilafruz**
15:15– 15:30	Tuproq sianobakteriyalarining biotexnologik potensiali	Namangan davlat universiteti dotsenti, DSc **Tuxtaboyeva Yulduzxon**
15:30– 15:45	*Phaseolus vulgaris* L. navlarining fiziologik va biokimyoviy xususiyatlariga biofaol moddalarning ta’siri	SamDU Biokimyo instituti 3-bosqich tayanch doktoranti **Nasimova Maftuna**
15:40 – 15:55	Kofe ichish uchun tanaffus	
15:55 – 16:10	O‘zbekistonda tarqalgan *Delphinium oreophilum* Huth. o‘simligining diterpenoid alkaloidlari va biologik faolligi	O‘zR FA Botanika instituti kichik ilmiy xodimi, PhD **Axunova Xilola**
16:10 – 16:25	*Vitis vinifera* L. turining kimyoviy tadqiqi va ular asosida biologik faol qo‘shimcha ishlab chiqish	Mirzo Ulug‘bek nomidagi O‘zbekiston milliy universiteti 3-bosqich tayanch doktoranti **Azimova Aziza**
16:25 – 16:40	Samarqand viloyati sharoitida yetishtirilgan maymunjon (*Rubus caesius* L.) navlarining biokimyoviy tarkibi	Sharof Rashidov nomidagi Samarqand davlat universiteti 3-bosqich tayanch doktoranti **Jumakulova Noila**
16:40 – 16:55	*Rubia tinctorum* L. o‘simligi ildizi tarkibidagi faol moddalarni aniqlash va biologik faolligini o‘rganish	O‘zR FA Bioorganik kimyo instituti kichik ilmiy xodimi **Ishmuratova Aziza**
16:55 – 17:10	*Secale cereale* L. bir yillik navlarining ayrim fiziologik ko‘rsatkichlariga qurg‘oqchilikning ta’sirini baholash	Sharof Rashidov nomidagi Samarqand davlat universiteti 3-bosqich tayanch doktoranti **Maxramova Marxabo**
17:10 – 17:25	Arid mintaqada tarqalgan *Salsola* L. turkumi ayrim turlarining strukturaviy moslashish xususiyatlari	Mirzo Ulug‘bek nomidagi O‘zbekiston milliy universiteti xodimi, PhD **Ibrohimova Guli**
17:25 – 17:40	Anorning (*Punica granatum* L.) mahalliy navlarini genetik tahlil qilish va *in vitro* sharoitida mikroklonal ko‘paytirish	O‘zRFA Genomika va bioinformatika markazi kichik ilmiy xodimi **Bolkiyev Abduvohid**
17:40 – 17:55	*Cucumis melo* L. navlarining fiziologik-biokimyoviy xususiyatlariga mikroelementlarning ta'sir	SamDU Biokimyo instituti 3-bosqich tayanch doktoranti **Ergashova Durdona**

Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasi

Kun tartibi: 2-qism. Seksiyalar doirasida ma’ruzalar.
5-seksiya: O‘simliklar introduksiyasi va kamyob turlarni saqlab qolishda *ex-situ* tadqiqotlarining ahamiyati

Sana: 2025-yil 11-sentabr, Payshanba
Vaqt: 14:00 – 16:00
Manzil: Toshkent Botanika bog‘i majlislar zali

Vaqt	Kun tartibidagi masala	Ma’ruzachi
14:00 – 14:15	Qarshi vohasi sharoitida dorivor o‘simliklar introduksiyasi	Qarshi davlat universiteti, Botanika kafedrasi dotsenti, biologiya fanlari falsafa doktori, PhD, **Nasriddinova Mexriniso**
14:15 – 14:30	Botanika bog‘larida kolleksiyalar tashkil qilishning ahamiyati va ilmiy asoslari	Toshkent Botanika bog‘i direktor o‘rinbosari, biologiya fanlari falsafa doktori, PhD **Nosirov Sobitjon**
14:30 – 14:45	Namangan shahrida ko‘kalamzorlashtirishda foydalanilayotgan daraxt va butalarning introduksiyasi	Namangan davlat universiteti Biotexnologiya fakulteti o‘qituvchisi, **Zahiriddinov Ilyosjon**
14:45 – 15:00	Toshkent Botanika bog‘i misolida piyozli geofitlarning introduksiyasi va ularning zamonaviy holati	Toshkent Botanika bog‘i, Dendrologiya laboratoriyasi kichik ilmiy xodimi, biologiya fanlari falsafa doktori, PhD **Abdullayev Davlatali**
15:00 – 15:15	Kofe ichish uchun tanaffus	
15:15– 15:30	O‘zbekiston shaharlarini ko‘kalamzorlashtirishda manzarali butalarning ahamiyati. Manzarali butalarni introduksiya qilishning nazariy asoslari	Toshkent Botanika bog‘i, Dendrologiya laboratoriyasi kichik ilmiy xodimi, biologiya fanlari falsafa doktori, PhD, **Hamrayeva Dilovar**
15:30 – 15:45	Ko‘kalamzorlashtirishda foydalanilayotgan daraxt va butalarni ko‘chirib o‘tkazish va ularni parvarishlash agrotexnikasi	ToshDAU O‘rmonchilik va landshaft dizayni kafedrasi dotsenti, PhD, **Xalilova Kamola**
15:45-16:00	Kamyob va yo‘qolib borayotgan o‘simlik turlarini *ex-situ* sharoitlarida saqlab qolish	Toshkent Botanika bog’i, Dendrologiya laboratoriyasi kichik ilmiy xodimi (mustaqil izlanuvchi), **Raxmatillaev Muslimjon**

The IV Traditional International Conference of Young Botanical Scientists

Date: Friday, September 12, 2025
Time: 09:00 – 11:00
Venue: Conference Hall of the Institute of Botany

Agenda item: Reports on the final outcomes of the conference will be presented, followed by an awards ceremony for the participants. Additionally, pressing issues related to the preservation of plant biodiversity in our country and potential solutions will be discussed.

Yosh botanik olimlarning an’anaviy IV-xalqaro konferensiyasi

Kun: Juma, 12-sentabr, 2025-yil
Vaqt: 09:00 – 11:00
Manzil: Botanika instituti majlislar zali

Kun tartibidagi masala: Konferensiyaning yakuniy natijalari bo‘yicha hisobotlar tinglanadi hamda ishtirokchilarni taqdirlash marosimi o‘tkaziladi. Shuningdek, mamlakatimizda o‘simliklar bioxilma-xilligini saqlab qolish bilan bog‘liq dolzarb muammolar va ularni hal etish yo‘llari muhokama qilinadi.