



INTERNATIONAL CONFERENCE AND SYMPOSIUM

Medicinal Plants: Medical, Cosmetic, and Nutritional Value

May 27 – 30, 2026 | Dushanbe, Tajikistan

Welcome to Dushanbe!

Dear Colleagues and Honored Guests,

It is our great pleasure to welcome you to the **INTERNATIONAL SYMPOSIUM “MEDICINAL PLANTS: MEDICAL, COSMETIC, AND NUTRITIONAL VALUE”**. We are thrilled to gather in the beautiful city of Dushanbe to explore the frontiers of botanical research and therapeutic development.

Over the next few days, we will bridge the gap between ancient botanical wisdom and cutting-edge biotechnology. From exploring novel antimicrobial products to discussing how Artificial Intelligence is transforming botanical research into next-generation therapeutics, this program is designed to foster innovation and cross-disciplinary collaboration.

We extend our deepest gratitude to our hosts, including the National Academy of Sciences of Tajikistan, the Ministry of Health, and the Medical-Social Institute of Tajikistan, as well as our industry partners participating in the Tajik Botanical Industry Innovation Showcase.

We hope you enjoy the scientific sessions, the cultural excursions, and the invaluable networking opportunities.

Note: All conference transportation (airport to hotel and back) and meals are provided by the organizer.

Warm regards,

Rector,
Zarina Ibodzoda
Tel.: (+992) 907 86 86 30
Email: 11zarr@mail.ru

Program Manager of the Symposium,
Alamkhon Akhmedov,
Tel.: (+992) 988 00 16 41
Email: alamkhon.01021951@gmail.com

Day 1: Wednesday, May 27, 2026

Morning: Arrival in Dushanbe and Airport transfer

Accommodation: ORIO-HOTEL (4, Karamova St., Dushanbe)



About this property

Comfortable Accommodations: Rooms feature air conditioning, private bathrooms, and garden or mountain views, plus modern amenities including free WiFi, flat-screen TVs, and soundproofing.

Dining Experience: The hotel offers American, Asian, and European cuisine in a restaurant and outdoor dining area. Additional facilities include a coffee shop, barbecue areas, and room service.

Leisure and Wellness: Guests can relax in the hot tub, spa bath, or on the outdoor terrace. Free bicycles are available for exploring the surroundings.

Convenient Location: Located 5.6 miles from Dushanbe International Airport and 3.1 miles from Dushanbe Cable Car, the hotel provides easy access to local attractions. Solo travelers like the location—they rated it 9.0 for a one-person stay.

Most popular facilities

- Indoor swimming pool
- Airport shuttle
- Non-smoking rooms
- Room service
- Free Wi-Fi
- Free parking
- Restaurant
- Family rooms
- Tea/Coffee Maker in All Rooms

12:30 – Lunch

14:00 – City tour

Visit to the Statue of Ismoil Somoni



The Monument to Ismoil Somoni is in Dusti Square in Dushanbe.

The monument to Ismoil Somoni, the first founder (Emir) of the Tajik nation (Samanid dynasty)—was erected in 1999 in Dusti Square (formerly named after Lenin and "Ozodi") in the central administrative district of Ismoil Somoni, Dushanbe. It was built to honor the 1,100th anniversary of the Samanid Empire, the first Tajik state, and serves as a "statue to remember the national unity and the revival of Tajikistan." The impressive bronze statue stands 13 meters tall. The magnificent monument is decorated with an arch of stalactites, topped by a large gilt crown measuring 5 meters in diameter.

The overall height of the monument, including the arch, is 43 meters. Inside the monument, there is also a museum and a replica of the Samanid Mausoleum (IX–X centuries, Bukhara). The statue of Ismoil Somoni stands on a pedestal flanked by two bronze lions representing the country's stability and its role as guarantor of peace and national consensus.

This most impressive monument is the most visited and beloved place in Dushanbe by tourists and is considered one of the most significant architectural landmarks of the Republic of Tajikistan.



Visit to the National Museum of Tajikistan

The museum has a total area of 24,000 sq. m, and its exhibition space spans 22 rooms totaling over 15,000 sq. m. The National Museum of Tajikistan comprises four exhibition departments: the Department of Natural History, the Department of Ancient and Medieval History, the Department of Modern and Contemporary History, and the Department of Fine and Applied Arts.

Visit to the Independence and Freedom Monument



Height and Symbolism: The complex stands 121 meters tall, a height rich with symbolic meaning. The lower section, rising 30 meters, commemorates the 30th anniversary of Tajikistan's independence, while the upper section, reaching 91 meters, represents the year of independence (1991) and the nation's achievements since then.

Total Area: The complex covers 11,900 square meters, with the building itself occupying 4,761 square meters.

Titanium Crown: At the summit sits an 8-meter titanium crown, symbolizing statehood, independence, and the cultural heritage of the Tajik people.

Foundation: The structure rests on an octagonal pyramid base featuring seven entrances, lending it a distinctive architectural style and monumental presence.

Visit to Kokhi Navruz (Navruz Palace)



The **Kokhi Navruz** complex was built in Dushanbe in 2014 in the national architectural style. The five-story complex encompasses approximately 40,000 square meters of craftsmanship by Tajik artisans. Summer terraces, colorful fountains, and music further enhance the building's splendor. Eleven halls throughout the complex are decorated with Tajik national handicrafts, including plasterwork, stained glass mosaics, painted ceilings, woodwork, and stone carving.

Kokhi Navruz features four main halls:

Didor Hall — The entrance is adorned with *kundal* motifs. This banquet hall features colorful gypsum walls and crystalline masterpieces reflecting national motifs. The ceiling is beautifully painted, and the wooden staircases on both sides are decorated with carvings. The hall covers 1,100 square meters.

Arzhang Hall — Constructed from 29 types of semi-precious gems sourced from Tajikistan (also known as the Stone Hall). The walls feature a mosaic based on paintings by Kamoliddin Behzod. The hall spans 1,000 square meters.

Guliston Hall — Also known as the Carving Hall, this space proudly displays Tajik woodcarving. More than 6,000 square meters of wood carvings were created here under the guidance of Master Burhon. The hall contains 16 columns and features the largest chandelier, a three-ton crystal fixture. The hall covers 1,650 square meters.

Zarandud Hall — The tallest hall in the building (also called the Golden Hall). The largest chandelier weighs 6.7 tons and features 1,600 lights. Each wall section features a golden crown with seven stars. The 16 columns and their capitals are decorated with delicate gold ornaments. The walls are adorned with gypsum and crystalline work, all completed under the guidance of Master Anvarsho Rizvonov.

18:00 – Dinner

20:00 – Overnight at the ORIO-HOTEL (Dushanbe)

Day 2: Thursday, May 28, 2026

Visit to the National Academy of Sciences of Tajikistan

Venue: 734025, Dushanbe, Rudaki Aven., 33, Tajikistan



- 08:30 – Plants and Human Health: From Ancient Wisdom to Future Therapeutics.
Ilya Raskin, USA
- 09:30 – Division Programs Presentations:
 - Programs of Biological and Medical Sciences. *Speaker TBA*
 - Programs of Mathematical, Chemical, Geological, and Technical Sciences. *Speaker TBA*

Visits to the Ministry of Health and Social Protection of the Republic of Tajikistan

VENUE: 73400, Dushanbe, Shevchenko Street, 69



- 11:30 – Overview of the activities of the Ministry of Health of Tajikistan and Networking with Tajik scientists and government officials

12:30 – Lunch

City tour

- 14:00 – Visit to The Hissar fortress (20 km from Dushanbe)



The **Hisor Fortress** is one of the best-preserved historical sites in Tajikistan. Strategically located on a hilltop, the fortress was built approximately 2,500 years ago. Throughout the region's turbulent history, this ancient stronghold has witnessed many changes in power, having been demolished and rebuilt numerous times. Less than an hour's drive from Dushanbe, the Hisor historical site is ideally suited for a day trip from the capital for those interested in Tajik history.

At present, the fortress features a gateway and fortified walls, with several buildings inside the complex. It sits on a hill near the Khanaka River. From the hilltop, a sweeping view unfolds across the vast plain and the numerous surrounding villages. This strategic position made the fort an ideal place in the past for warding off enemies and protecting caravans traveling along the Silk Road.

The main gateway is the most eye-catching part of the fortress and dates back to the 16th century, although a gate may have existed here as early as the 5th century. While this arched gateway remains largely original, multiple renovations over recent decades have restored the rest of the fortress. The outer walls have been reconstructed to show how the fortress looked several hundred years ago.

The fortress is part of a larger archaeological complex. In its immediate vicinity are several ancient buildings, including two madrasahs (Islamic schools) and an 8th-century mosque. On the other side of the Old Madrasah are the remains of an 18th-century caravanserai—a resting place for travelers and merchants—which testifies to Hisor's past as a trading center. Unfortunately, the caravanserai was partially dismantled when the Soviet authorities decided to use its materials to build a theater in Dushanbe.

18:00 – Dinner

20:00 – Overnight at the ORIO-HOTEL (Dushanbe)

Day 3: Friday, May 29, 2026

INTERNATIONAL CONFERENCE AND SYMPOSIUM “MEDICINAL PLANTS: MEDICAL, COSMETIC, AND NUTRITIONAL VALUE”

Organizer: Medical-Social Institute of Tajikistan

Venue: 734042 Dushanbe, K. Setkina 2

Email: 11zarr@mail.ru.

Tel.: (+992) 907 86 86 30



- 08:00 – Registration of conference and symposium participants
- 09:00 – Plenary session of the conference

Welcoming remarks.

- Prof. Khabibullo Ibodzoda – Founder of the Medical-Social Institute of Tajikistan
- Prof. Jamoliddin Abdullozoda – Minister of Health and Social Protection of the Republic of Tajikistan
- Prof. Ilya Raskin – Distinguished Professor of Rutgers University, President “Global Institute for BioExploration”, USA
- Prof. Nuriddin Muhiddin – Rector of the Avicenna State Medical University, Tajikistan

Presentations.

- 10:00 – 10:20 From conference to conference. The institute's achievements over the year.
PhD Zarina Ibodzoda – Rector of MSIT, Tajikistan
- 10:20 – 10:40 Enhancing the Health-Promoting Properties of Foods.
Prof. Ilya Raskin, USA
- 10:40 – 11:00 Features of the functional state of the central nervous system during immersive motor training.
Elena Fedorova, Russian Federation

11:00 – Coffee break

INTERNATIONAL SYMPOSIUM
“MEDICINAL PLANTS: MEDICAL, COSMETIC, AND NUTRITIONAL VALUE”

- 11:20 – 11:30 Welcoming remarks.
Saidbeg Satorov, Tajikistan, Vyacheslav Dushenkov, USA
- 11:30 – 11:50 Study of the Structure and Properties of Biopolymers from *Eremurus hissaricus*.
Jamshed Bobokalonov, Tajikistan
- 11:50 – 12:10 Finding New Natural Molecules from Plants for the Treatment of Parasitic Infections.
Patricio Rojas Silva, Ecuador
- 12:10 – 12:30 Selection of The Optimal Composition and Technology of Dental Gel Containing Metronidazole.
Abduraum Alkorov, Uzbekistan
- 12:30 – Lunch
- 13:30 – 13:50 From Biodiversity to Biomedicine: Unlocking the Potential of Indonesia's Underutilized Fruits as Emerging Resources for Cardiovascular Health.
Ernawati Sinaga, Indonesia
- 13:50 – 14:10 Polyphenol Content, Antioxidant Potential, and Antimicrobial Activity of Plants of The Genus *Allium* L.
Fazila Mirzoeva, Tajikistan
- 14:10 – 14:30 Andean *Lupinus mutabilis* Sweet as a Complement to the Treatment of Type 2 Diabetes Mellitus.
Manuel Baldeon, Ecuador
- 14:30 – 14:50 Phytonutrient-Protein Complexes in Functional Human Nutrition.
Ethan Risman, USA
- 14:50 – Coffee break
- 15:10 – 15:30 Characterization of Polysaccharides from *Eremurus hissaricus* Roots by FTIR Spectroscopy.
Ashurboy Ashurov, Tajikistan
- 15:30 – 15:50 Plant Biotechnology and Human Health.
Michael Lawton, USA
- 15:50 – 16:10 Integrating Science and Culture: A Framework for Medicinal Plant Conservation through Ecotourism in Malasigi, Southwest Papua.
Nonon Saribanon, Indonesia
- 16:10 – 16:30 Novel Antimicrobial Products from Plants.
Sophie Henry, USA
- 16:30 – Coffee break
- 16:50 – 17:10 Metabolomics and Phytochemical Properties of *Ferula violacea*.
Sulhiya Mavlonazarova, Tajikistan
- 17:10 – 17:30 The Potential of Indonesian Honey Varieties for the Treatment of Anemia.
Retno Widowati, Indonesia
- 17:30 – 17:50 Phytochemical Characteristics of *Cucumis trigonus* and the Study of Its Antidiabetic Effect.
Mehroba Salomuddin, Tajikistan
- 18:00 Dinner
- 20:00 – Overnight at the ORIO-HOTEL (Dushanbe)

Day 4: Saturday, May 30, 2026

- 09:10 – 09:30 Production of Generic Drugs, Dietary Supplements and Parapharmaceutical Products Based on Local Raw Materials.
Jamshed Jamshedov, Tajikistan
- 09:30 – 09:50 Wound Healing Activity of *Uncaria callophylla* in Diabetic Rats and its Phytochemical Profile.
Astri Rozanah Siregar, Indonesia
- 09:50 – 10:10 Study of Phytochemical Characteristics of Leaf Galls of Plants of The Genus *Pistacia* (Pistachio), Growing in Tajikistan.
Shuhrat Sultonov, Tajikistan
- 10:10 – 10:30 Processing and Production of Medicinal Raw Materials from Local Medicinal Plants.
Doro Kalandarov, LLC "GULCHEHRA" Tajikistan
- 10:30 – 10:50 Medicinal Plants of the Pamirs: Herbal Remedies and Herbal Preparations of Avicenna.
Nigina Vatanbekova, LLC "AVICENNA", Tajikistan
- 10:50 – Coffee break
- 11:10 – 11:30 Preparation and Sale of Medicinal and Prophylactic Drinks.
Abdukhalim Shukurov. LLC "Tojik Tabib Doru Roz", Tajikistan
- 11:30 – 11:50 Pharmacoinformatics Assessment of *Curcuma zedoaria* Phytochemicals as Potential Aromatase Inhibitors.
Vivitri Dewi Prasasty, Indonesia
- 11:50 – 12:10 AI Meets Nature: Transforming Botanical Research into Next-Generation Therapeutics, Nutraceuticals, and Functional Materials.
Vyacheslav Dushenkov, USA
- 12:10 – 12:30 Discussion and networking
- 12:30 – Lunch
- 14:30 – Visit to LLC "Tojik Tabib Doru Roz" (38 km from Dushanbe)
- 18:00 - Dinner
- 20:00 – Overnight at the ORIO-HOTEL (Dushanbe)

Day 5: Sunday, May 31, 2026

- 10:00 Departure from the hotel. All day.
Reception and collaboration discussion.
Countryside sightseeing.
Location: Professor Sattorov's country residence (Sufion village, Vahdat district).
- 20:00 – Overnight at the ORIO-HOTEL (Dushanbe)

All correspondence should be addressed to
Fazila Mirzoeva
Email: fazilamirzoeva36@gmail.com
Tel/WhatsApp: +992-888-666-422