

## 4th International Congress and 5th National Conference on Biotechnology of Medicinal Plants and Mushrooms

18-19 October 2022, Ramsar-Iran

DAY 1: 18 October 2022, Tuesday

Time (Tehran)	Opening program
8- 9/30	1. Acceptance
9/30 - 9/35	2. Recitation of the verses of the Holy Quran
9/35- 9/40	3. Executive introduction
9/40- 9/50	4. Welcoming the Honorable Governor Ramsar, the host of the 4th Congress
9/50 - 9/55	5. Welcoming the president of the Iranian Medicinal Plants Union
9/55 - 10	6. Welcome by the Honorable Dean of Zanjan University
10 - 10/05	7. Welcome by the Dean of Sari University of Agricultural Sciences
10/10- 10/15	8. Congratulatory message from the head of ISMS International Society of Mushroom Sciences
10/15 - 10/25	9. The speech of the president of Turkish Medicinal Plants Association
10/25- 10/35	10. The speech of Dr. Iskandar Zand, esteemed advisor to the Minister of Agriculture
	<b>Title: Biodiversity perspective with emphasis on medicinal plants</b>
10/35 - 10/45	11. Dr. Timothy C. Baldwin speech from England <b>Title: The application of immunocytochemistry to the investigation of medicinal plant species</b>
11/45 - 10/55	12. Dr. Ebrahim Nader Alispeech from America <b>Title: Herbal Medicines: from plants to prescriptions</b>
10/55- 11/05	13. Dr. Sevgi GEZİCİ speech from Turkey <b>Title: Uncovering Potential Anticancer Mechanisms of Caper Fruits by Network Pharmacology and Molecular Docking</b>
11/05-11/30	<b>Reception</b>

<b>Time (Tehran)</b>	<b>Speech</b>
<b>11/30-11/40</b>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr.Valiollah Mozaffarian (Iran)</b></li> </ul> <p><b>Title: Medicinal and aromatic plants of dark chicory in Iran</b></p>
<b>11/40-11/50</b>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Mohammad Reza Asef (Iran)</b></li> </ul> <p><b>Title:</b></p>
<b>11/50-12</b>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Tarahom Azad (Iran)</b></li> </ul> <p><b>Title:</b></p>
<b>12-12/10</b>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Zahra Bathaie (Iran)</b></li> </ul> <p><b>Title</b></p>
<b>12/10-14</b>	<b>Prayer and lunch</b>
<b>Time (Tehran)</b>	<b>Speech</b>
<b>15 - 15/10</b>	<ul style="list-style-type: none"> <li>• <b>Speaker : Dr. Seyed Ismail Razavi (Iran)</b></li> </ul> <p><b>Title: Distribution status, species diversity and host range of edible truffle mushrooms in Golestan province</b></p>
<b>15/10 - 15/20</b>	<ul style="list-style-type: none"> <li>• <b>Speaker Dr. Andrea Mustinu (Italy)</b></li> </ul> <p><b>Title: Melia azedarach: an ancient plant with new agronomic applications</b></p>
<b>15/20 - 15/30</b>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Sachin Gupta (India)</b></li> </ul> <p><b>Title:Mushroom cultivation in India a pathway to economic sustainability</b></p>
<b>15/30 - 15/40</b>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Supriya Kulkarni (India)</b></li> </ul> <p><b>Title: Mycochemical, Antimicrobial, Antioxidant, Haemolytic and Cytotoxic activities of different solvent extracts of Russula rosea and Russula cyanoxantha from Similipal Biosphere Reserve, Odisha, India</b></p>
<b>15/40-15/50</b>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Amira Gamal (Eygept)</b></li> </ul>

<p><b>15/50-16</b></p>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Rajkumari Supriya Devi (India)</b></li> </ul> <p><b>Title: Medicinal Plants of Loktak Lake: A Ramsar site wetland</b></p>
<p><b>16-16/10</b></p>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Negar.valizadeh (Iran)</b></li> </ul> <p><b>Title: Investigating the effect of density and nutrition on the yield of <i>Saturjia mutica</i> species in the dry conditions of East Azarbaijan province</b></p>
<p><b>16/10-16/20</b></p>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Farid Shekari (Iran)</b></li> </ul> <p><b>Title: The effects of halopriming on germination and early growth of European borage seedlings</b></p>
<p><b>16/20-16/30</b></p>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Keyvan Aghaei (Iran)</b></li> </ul> <p><b>Title: Effect of drought stress on the activity of some antioxidant enzymes and total soluble proteins of thyme (<i>Thymus vulgaris</i> L.)</b></p>
<p><b>16/30-16/40</b></p>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Z.chaghakaboodi (Iran)</b></li> </ul> <p><b>Title: Effect of plant growth promoting rhizobacteria (PGPR)-assisted seed priming on the biochemical traits of <i>Balango</i> (<i>Lallemantia royleana</i>) at germination phase under drought stress</b></p>
<p><b>16/40-16-50</b></p>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Behrad Fathalipour (Iran)</b></li> </ul> <p><b>Title: Changes in stem length, chlorophyll a, b and carotenoids in <i>Thymus daenensis</i> Celak with the use of different mushrooms in different humidity conditions</b></p>

**DAY 2: 19 Octobe 2022, Wednesday**

**9 - 9/05**

**Announcement of executive program**

**Time (Tehran)**

**Speech**

**9/05 - 9/15**

- **Speaker: Dr. Farhad Khairi (Iran)**

**Title:**

**9/15 - 9/25**

- **Speaker: Dr. Dr. Hossein Hosseini (Iran)**

**Title:**

**9/25 - 9/35**

- **Speaker: Dr. Maryam Akhbari (Iran)**

**Title: Using in silico methods to identify effective anti-Alzheimer compounds in the ethyl acetate extract of Hesperis kurdica F. Dvorák & Hadac**

**9/35 - 9/45**

- **Speaker: Dr. Amir Rahimi (Iran)**

**Title:**

**9/55 - 10/30**

**Reception**

**10/30 - 10/40**

- **Speaker: Dr. Sanjeet Kumar (India)**

**Title: Food and medicinal values of wil mushrooms: a source of future nutraceuticals**

**10/50-11**

- **Speaker: Dr. Mohammad Bagher Bahardar (America)**

**Title: Herbal Medicines: from plants to prescriptions**

**11 -11/10**

- **Speaker: Dr. Moni Gupta (India)**

**Title: Cordyceps militaris : A high prized medicinal mushroom of Himalayas**

**11/10 - 11/20**

- **Speaker: Dr. Seyed Alireza Salami (Iran)**

<p>11/20 - 11/30</p> <p>11/30 - 11/40</p> <p>11/40 - 11/50</p> <p>11/50 - 12</p>	<p><b>Title: The importance of generating and applying big data and establishing databases specific to medicinal plants based on OMICS approaches</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Jaber Nasiri (Iran)</b></li> </ul> <p><b>Title: Callus and hairy root induction in the medicinal plant of Withania coagulans (Stocks) Dunal</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Mohsen Hesami (Iran)</b></li> </ul> <p><b>Title: Advances and Perspectives in Tissue Culture, Genetic Engineering and Biotechnology of Cannabis: An important medicinal plant</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Bohloul Abbaszadeh (Iran)</b></li> </ul> <p><b>Title: Introduction of some suitable agricultural species of Nepeta genus for different provinces of the country</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Alireza Karbasi (Iran)</b></li> </ul> <p><b>Title: Economy of medicinal plants in Iran and the world</b></p>
<p>12 - 14</p>	<p><b>Prayer and lunch</b></p>
<p>15 - 15/10</p> <p>15/10 - 15/20</p> <p>15/20 - 15/30</p>	<ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Seyed Najmmaddin Mortazavi (Iran)</b></li> </ul> <p><b>Title: Investigating the effects of salicylic acid and jasmonic acid on phenolic compounds, flavonoids and antioxidant activity of stevia (Stevia rebaudiana Bertoni) in vitro</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Abdul Rehman Niazi Niazi (Iran)</b></li> </ul> <p><b>Title: Lepiota metulispora: An imperative source of some secondary metabolites, antibacterial and antioxidant agents</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Dr. Mahnaz Mehrabi (Iran)</b></li> </ul> <p><b>Title Improvement the Biosynthesis and Production of Dietary Fibers, Chitin and Polysaccharides in Edible-Medicinal Mushroom</b></p>

	<b>Pleurotus ostreatus with the Properties of Natural Functional Food and Dietary Supplement</b>
<b>16 - 17</b>	<b>Closing</b>