

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
	Title: Biodiversity perspective with emphasis on medicinal plants
10/35 - 10/45	11. Dr. Timothy C. Baldwin speech from England Title: The application of immunocytochemistry to the investigation of medicinal plant species
11/45 - 10/55	12. Dr. Ebrahim Nader Alispeech from America Title: Herbal Medicines: from plants to prescriptions
10/55- 11/05	13. Dr. Sevgi GEZİCİ speech from Turkey Title: Uncovering Potential Anticancer Mechanisms of Caper Fruits by Network Pharmacology and Molecular Docking
11/05-11/30	Reception

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

<p>15/50-16</p>	<ul style="list-style-type: none"> • Speaker: Dr. Rajkumari Supriya Devi (India) <p>Title: Medicinal Plants of Loktak Lake: A Ramsar site wetland</p>
<p>16-16/10</p>	<ul style="list-style-type: none"> • Speaker: Dr. Negar.valizadeh (Iran) <p>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</p>
<p>16/10-16/20</p>	<ul style="list-style-type: none"> • Speaker: Dr. Farid Shekari (Iran) <p>Title: The effects of halopriming on germination and early growth of European borage seedlings</p>
<p>16/20-16/30</p>	<ul style="list-style-type: none"> • Speaker: Dr. Keyvan Aghaei (Iran) <p>Title: Effect of drought stress on the activity of some antioxidant enzymes and total soluble proteins of thyme (<i>Thymus vulgaris</i> L.)</p>
<p>16/30-16/40</p>	<ul style="list-style-type: none"> • Speaker: Dr. Z.chaghakaboodi (Iran) <p>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</p>
<p>16/40-16-50</p>	<ul style="list-style-type: none"> • Speaker: Dr. Behrad Fathalipour (Iran) <p>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</p>

DAY 2: 19 Octobe 2022, Wednesday	
9 - 9/05	Announcement of executive program
Time (Tehran)	Speech
9/05 - 9/15	<ul style="list-style-type: none"> Speaker: Dr. Farhad Khairi (Iran) <p>Title:</p>
9/15 - 9/25	<ul style="list-style-type: none"> Speaker: Dr. Dr. Hossein Hosseini (Iran) <p>Title:</p>
9/25 - 9/35	<ul style="list-style-type: none"> Speaker: Dr. Maryam Akhbari (Iran) <p>Title: Using in silico methods to identify effective anti-Alzheimer compounds in the ethyl acetate extract of Hesperis kurdica F. Dvorák & Hadac</p>
9/35 - 9/45	<ul style="list-style-type: none"> Speaker: Dr. Amir Rahimi (Iran) <p>Title:</p>
9/55 - 10/30	Reception
10/30 - 10/40	<ul style="list-style-type: none"> Speaker: Dr. Sanjeet Kumar (India) <p>Title: Food and medicinal values of wil mushrooms: a source of future nutraceuticals</p>
10/50-11	<ul style="list-style-type: none"> Speaker: Dr. Mohammad Bagher Bahardar (America) <p>Title: Herbal Medicines: from plants to prescriptions</p>
11 -11/10	<ul style="list-style-type: none"> Speaker: Dr. Moni Gupta (India) <p>Title: Cordyceps militaris : A high prized medicinal mushroom of Himalayas</p>
11/10 - 11/20	<ul style="list-style-type: none"> 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>Title: The importance of generating and applying big data and establishing databases specific to medicinal plants based on OMICS approaches</p> <ul style="list-style-type: none"> • Speaker: Dr. Jaber Nasiri (Iran) <p>Title: Callus and hairy root induction in the medicinal plant of Withania coagulans (Stocks) Dunal</p> <ul style="list-style-type: none"> • Speaker: Dr. Mohsen Hesami (Iran) <p>Title: Advances and Perspectives in Tissue Culture, Genetic Engineering and Biotechnology of Cannabis: An important medicinal plant</p> <ul style="list-style-type: none"> • Speaker: Dr. Bohloul Abbaszadeh (Iran) <p>Title: Introduction of some suitable agricultural species of Nepeta genus for different provinces of the country</p> <ul style="list-style-type: none"> • Speaker: Dr. Alireza Karbasi (Iran) <p>Title: Economy of medicinal plants in Iran and the world</p>
<p>12 - 14</p>	<p>Prayer and lunch</p>
<p>15 - 15/10</p> <p>15/10 - 15/20</p> <p>15/20 - 15/30</p>	<ul style="list-style-type: none"> • Speaker: Dr. Seyed Najmmaddin Mortazavi (Iran) <p>Title: Investigating the effects of salicylic acid and jasmonic acid on phenolic compounds, flavonoids and antioxidant activity of stevia (Stevia rebaudiana Bertoni) in vitro</p> <ul style="list-style-type: none"> • Speaker: Dr. Abdul Rehman Niazi Niazi (Iran) <p>Title: Lepiota metulispora: An imperative source of some secondary metabolites, antibacterial and antioxidant agents</p> <ul style="list-style-type: none"> • Speaker: Dr. Mahnaz Mehrabi (Iran) <p>Title Improvement the Biosynthesis and Production of Dietary Fibers, Chitin and Polysaccharides in Edible-Medicinal Mushroom</p>

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