

Organized by

COMSTECH, Secretariat, Islamabad In collaboration with International Center for Chemical and Biological Sciences (ICCBS) and Pakistan Biotechnology Information Center (Karachi Chapter)

Who Should Attend:

The workshop is designed to address the interest of scientists and research scholars working in various fields of plant biotechnology including genetics, and molecular biology.

Course Content:

The course will be comprises of series of lectures and "online hands on training sessions" covering following contents:

- **Overview of Plant Tissue Culture and its Applications**
- **Equipment and Media used**
- **Explant Selection**
- **Sterilization**
- **Initiation, Multiplication, Shooting and Rooting**

Registration:

Registered participants will receive e-certificates

Please register at following link before February 1, 2020

https://docs.google.com/forms/d/e/1FAIpQLSeovmmpAzzwPZNQj45KqmF_6UtN4d544QyP_OFuuw0PvB0Ohkg/viewform

Venue:

Time: Feb 16, 2021, 12:00 Noon Islamabad, Karachi, Tashkent

Join Zoom Meeting

<https://us02web.zoom.us/j/85102004262?pwd=NWRBMDZIUTdlUEtSQUFaZkNYMXZVdz09>

Meeting ID: 851 0200 4262

Passcode: 208783

Time: Feb. 17, 2021 12:00 Noon Islamabad, Karachi, Tashkent

Join Zoom Meeting

<https://us02web.zoom.us/j/88399839097?pwd=K3kwazhwWkN4aDN5MER2enl6ZDZ4dz09>

Meeting ID: 883 9983 9097

Passcode: 881692

WORKSHOP PROGRAM (Pakistan Standard Time)

Day One (16 Feb., 2021)

12:00-12:05 Inauguration Ceremony

- 12:05-12:10 Recitation of the Holy Quran
12:10-12:20 Welcome Address by Prof. Dr. M. Iqbal Choudhary
12:20-13:00 Lecture 1 entitled, "Importance of Tissue Culture Techniques for the Sustainable Development of Muslim World"
13:30-14:30 Practical Session (*Tissue culture of Horticulture Crops*)

Day Two (17 Feb., 2021)

- 12:00-12:35 Lecture 1 entitled, "Basic Tissue Culture Techniques and Their Applications"
12:40-13:10 Practical Session 2 (*Tissue culture of Cash Crops (rice)*)
13:10-14:10 Practical Session 3 (Protein Expression)
14:15-14:35 Closing Ceremony

Day Two (17 Feb., 2021)

- 12:00-12:35 Lecture 1 entitled, "Basic Tissue Culture Techniques and Their Applications"
12:40-13:10 Lecture 2 entitled, "Ethics and Biosafety in Plant Biotechnology"
13:10-14:10 Practical Session 2 (Tissue culture of Cash Crops (rice))
14:15-14:35 Closing Ceremony

Speakers:



Prof. Dr. Behzad Ghareyazie
President, Biosafety Society of Iran.
Executive Director, Iran Biotechnology Information Center (IRBIC)
Iran



Prof. Dr. Saifullah Khan
University of Karachi,
Pakistan



Prof. Dr. Naagla Abdalla
Head Dept. of Genetics
Faculty of Agriculture, Cairo University
Egypt

CONTACT PERSON

Khazima Muazim
Programme Manager
COMSTECH Secretariat, Islamabad
Tel: +92-51-9220681-3
Fax: +92-51-9205264, +92-51-9220265
Email: khazima@comstech.org