



Division of Genetics Indian Agricultural Research Institute (ICAR – IARI)



Invites you all to an online
Three days Workshop
on

“Plant Tissue Culture: Nature in Room”

SERB sponsored

Dates: 2 – 4 June 2022

Venue: Zoom Platform

Registration: <https://forms.gle/8iwvVQu12qHPs7Sa9>

Participants: Undergraduate and Postgraduate students

(subject to submission of identity card issued by the college) (Last date – 31 May)



Scan to register

Contests

1. Paper Reading
2. Poster Presentation



Keynote lecture
In vitro
androgenesis in
angiosperms



Inaugural Keynote Speaker
Prof S B Babbar
Ex Senior Professor and Head,
Department of Botany, University of
Delhi, New Delhi

Valedictory Keynote Speaker
Dr Jayanthi Madhavan
Principal Scientist, Division of
Genetics, Indian Agricultural
Research Institute (IARI), New Delhi



Keynote lecture
Challenges in oil
palm tissue
culture

Dr A K Singh
Director
ICAR-IARI

Dr Indra Mani
JD (R)
ICAR-IARI

Dr Rajbir Yadav
Head
Div of Genetics (IARI)

Dr R Ambika Rajendran
Convenor
Div of Genetics (IARI)

Dr SK Lal and Dr Akshay Talukdar
Co-Convenors
Div of Genetics (IARI)

Dr Manisha Saini
Organizing Secretary
Div of Genetics (IARI)

Organizing Members: Ms Deepshikha Sharma and Mr Ayyagari Ramlal

Contact: soygenetics@gmail.com

Certificates will be given to all the registered participants after submission of the feedback form for all the days

Division of Genetics Indian Agricultural Research Institute (ICAR – IARI) Speakers

Day 1 (June 2, 2022)

Plant tissue culture: A boon technology



Dr Aparna Nautiyal, Associate Professor, Teacher In-Charge, Department of Botany Deshbandhu College, University of Delhi, New Delhi

Haploid production in soybean*



Dr S K Lal, Principal Scientist, Division of Genetics, ICAR-Indian Agricultural Research Institute (IARI), New Delhi

In vitro phytochemical production using plant cell and tissue cultures



Dr Shashi Bhushan, Senior Principal Scientist & Head, Dietetics and Nutrition Technology Division, CSIR- Institute of Himalayan Bioresource Technology (IHBT), Himachal Pradesh

Cryopreservation



Dr G Prabhakar Rao, Principal Scientist, Rubber Research Institute of India, Kerala

Day 2 (June 3, 2022)

Genetic manipulation of plants for stress alleviation and value addition



Dr Deepak Kumar, Assistant Professor, Department of Botany, Centre of Advanced Study (CAS), Banaras Hindu University, Uttar Pradesh

Development of plant tissue culture system using improved Light Emitting Diodes (LEDs) technology



Prof Dr Sreeramanan Subramaniam FRSB, FMSA, Professor, School of Biological Sciences, Universiti Sains Malaysia (USM), Malaysia.

Plant tissue culture: Securing crop productivity, improving crop quality and mitigating crop vulnerability



Dr Ashutosh Pandey, Staff Scientist III, National Institute of Plant Genome Research (NIPGR), Aruna Asaf Ali Marg, New Delhi

Clonal propagation of RET species*



Dr Ajay Thakur, Scientist E and Head, Division of Genetics and Tree Improvement, Forest Research Institute (FRI), Uttarakhand

Day 3 (June 4, 2022)

Basics of tissue culture: Lab organization to techniques involved



Dr. S Elayabalan Technical Director and Agriculture Scientist at Sankar Bio-Tech in Hosur, Tamil Nadu

Quality certification system of tissue culture-raised plantlets in India



Dr Sanjeev Kumar, Principal Scientist, and Coordinator, DBT-Accredited Test Laboratory, ICAR-Indian Institute of Sugarcane Research (IISR), Lucknow, Uttar Pradesh

Competitions

1. Paper Reading (June 2, 2022)
2. Poster Presentation (June 3, 2022)

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*Tentative titles



**Division of Genetics
Indian Agricultural Research Institute (ICAR – IARI)**



Invites you all to a Special Invited Lecture

**In
Three days Workshop
on**

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“Mineral nutrition of micropropagated plants: the example of pear germplasm”



Invited Speaker

Prof Barbara M Reed

Plant Physiologist (Retd.), National Clonal Germplasm Repository

Agricultural Research Service (ARS)

US Department of Agriculture (USDA), Corvallis, Oregon, US

Date: June 3, 2022 (IST) Time: 9:00 AM – 10:00 AM (IST) Venue: Zoom Platform