



Training Workshop on Plant Tissue Culture Techniques

10 – 14 September 2018
Suwon, Korea

Overview

The Division of Forest Biotechnology, National Institute of Forest Science (NIFoS) and Asia Pacific Association of Forestry Research Institutions (APAFRI) are organizing the training workshop on basic laboratory techniques in plant tissue culture on September 10–14, 2018.

The workshop is designed to provide plant tissue culture techniques for the relevant scientists from the developing countries of the Asia-Pacific Region.

Plant tissue culture is a practice used to propagate plants under sterile conditions, often to produce clones of a plant. The biotechnological methods such as plant cell culture, somatic embryogenesis, cryo-preservation are quite applicable and useful for the conservation and sustainable utilization of forest resources.

The theme of the workshop is the applications of plant tissue culture in clonal propagation of forest tree species and conservation of rare and endangered plants. The workshop includes specialized techniques for direct and indirect organogenesis, somatic embryogenesis, micropropagation for large scale multiplication of plants, and cryopreservation of plant cell cultures.

Objectives

The workshop is intended to share basic tissue culture techniques which include:

1. Principles and application of tissue culture;
2. Preparation of tissue culture media, sterilization;
3. Hands on training for various tissue culture techniques; and
4. Cryopreservation of cultured plant cells

Brief Information

Organizer	<ul style="list-style-type: none"> - Forest Biotechnology Division, National Institute of Forest Science (NIFoS) - Asia Pacific Association of Forestry Research Institutions (APAFRI)
Participants	<ul style="list-style-type: none"> - Staff at the tissue culture facility - Participating countries: Cambodia, Vietnam, Thailand and Indonesia (4 developing countries) - The number of participants : 8 participants (2 persons from each of the countries)
Date	10 – 14 September 2018 Registration Due Date : 31 July 2018
Venue	Forest Biotechnology Division (Tissue Culture Lab.), National Institute of Forest Science, 39 Onjeong-ro, Gwonseon-gu, Suwon 16631, Republic of Korea
Contact	Dr. Tae-Dong Kim Phone : + 82-31-290-1163 Email : ktd747@korea.kr

Tentative Programs

Time	Session
Day 1, 10 September 2018	
09:00 – 10:00	Registration
10:00 – 10:40	Welcome and Opening Session
10:40 – 11:00	Coffee Break
11:00 – 12:00	Introduction to the Workshop
12:00 – 13:00	Lunch
13:00 – 15:00	Presentation – Introduction to tissue culture research in National Institute of Forest Science (NIFoS)
15:00 – 15:30	Coffee Break
15:00 – 18:00	Presentation – Introduction to tissue culture research in participating countries
19:00 – 21:00	Welcome Dinner

Day 2, 11 September 2018	
09:00 – 10:30	Practice – Media manipulation
10:30 – 10:45	Coffee Break
10:45 – 12:00	Practice – Media manipulation
12:00 – 13:00	Lunch
13:00 – 15:00	Practice – Media preparation
15:00 – 15:30	Coffee Break
15:00 – 18:00	Practice – Media preparation
Day 3, 12 September 2018	
09:00 – 12:00	Practice – Somatic embryogenesis
10:30 – 10:45	Coffee Break
10:45 – 12:00	Practice – Somatic embryogenesis
12:00 – 13:00	Lunch
13:00 – 15:00	Practice – Somatic embryogenesis
15:00 – 15:30	Coffee Break
15:00 – 18:00	Practice – Somatic embryogenesis
Day 4, 13 September 2018	
09:00 – 12:00	Practice – Organogenesis
10:30 – 10:45	Coffee Break
10:45 – 12:00	Practice – Organogenesis
12:00 – 13:00	Lunch
13:00 – 15:00	Practice – Organogenesis
15:00 – 15:30	Coffee Break
15:00 – 18:00	Practice – Organogenesis
Day 5, 14 September 2018	
09:00 – 12:00	Practice – Cryopreservation of plant cell cultures
10:30 – 10:45	Coffee Break
10:45 – 12:00	Practice – Cryopreservation of plant cell cultures
12:00 – 13:00	Lunch
13:00 – 15:00	Practice – Cryopreservation of plant cell cultures
15:00 – 15:30	Coffee Break
15:30 – 16:30	Practice – Cryopreservation of plant cell cultures
16:30 – 17:00	Closing Session

Workshop Registration Form

Training Workshop on Plant Tissue Culture Techniques

10 – 14 September 2018

Suwon, Korea

Title: <input type="checkbox"/> Mr. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr. <input type="checkbox"/> Prof. (Please “ <input checked="" type="checkbox"/> ” if appropriate)		
Family Name	First Name	
Organization		
Address		
Zip/Postal Code	City	Country
Phone	Fax	
Email		

※ Registration Due Date: July 31, 2018

※ Please return the completed registration form to:

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