

## Plant Biotechnology Training

# Plant Biotechnology Training Program

NTHRYS Biotech Labs offers Plant Biotechnology Training Program under below mentioned protocols. Candidates can opt their interested protocols from the list below. Please click **Join** button to pay the fee for selected protocol. Fees should be paid individually for all the selected protocols separately by clicking the button. Please save the payment proofs and send them as an attachment to

**trainings [ a t ] nthrys [ d o t ] com** to receive payment invoices and slot confirmations.

### DNA Extraction from Bacteria

Rs 1320 /-

Time in Hours: 3

[Join](#)

### DNA Extraction from Plant Leaf

Rs 1680 /-

Time in Hours: 6

[Join](#)

### Primer designing using Bioinformatics Tools

Rs 480 /-

Time in Hours: 2

[Join](#)

**Optimization of PCR parameters - Technical Theory - -No practical**

Rs 360 /-

Time in Hours: 1

[Join](#)

**Direct somatic Embryogenesis in coffea canephora**

Rs 30000 /-

Time in Hours:  
240

[Join](#)

**Agarose Electrophoresis**

Rs 720 /-

Time in Hours: 3

[Join](#)

**Extraction and purification of amplified DNA from Agarose gels using spin columns**

Rs 720 /-

Time in Hours: 1

[Join](#)

**Plasmid -pUC 18- isolation**

Rs 720 /-

Time in Hours: 6

[Join](#)

#### 5- End DNA modification of restriction digested plasmid sample -Addition of Poly Ts

Rs 1920 /-

Time in Hours: 3

[Join](#)

#### TA Cloning

Rs 1320 /-

Time in Hours: 2

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#### DNA ligation

Rs 1080 /-

Time in Hours: 2

[Join](#)

#### Competent cell preparation DH5 alpha cells

Rs 1680 /-

Time in Hours: 3

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### **Bacterial Transformation -using competent cells and cloned vector**

Rs 2160 /-

Time in Hours: 48

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### **Blue white screening**

Rs 3360 /-

Time in Hours: 48

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### **A new Temporary immersion Bioreactor system for micropropagation**

Rs 54000 /-

Time in Hours:  
240

[Join](#)

### **Protocol to Achieve photoautotrophic coconut plants cultured In vitro with improved performance Ex vitro**

Rs 78000 /-

Time in Hours:  
240

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### **Somatic Embryogenesis in picea suspension cultures**

Rs 42000 /-

Time in Hours: 72

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### Micropropagation of Endangered plant species

Rs 42000 /-

Time in Hours: 72

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### Chloroplast Transformation

Rs 78000 /-

Time in Hours:  
100

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### Isolation and purification of Ribosome Inactivating proteins

Rs 30000 /-

Time in Hours: 48

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### Isolation Cultivation and plant regeneration from Echinacea Purpurea Protoplasts

Rs 42000 /-

Time in Hours:  
100

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**Methods for regeneration and transformation in Eschscholzia Californica- A model plant to investigate Alkaloid Biosynthesis**

Rs 42000 /-

Time in Hours:  
100

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**Production of Interspecific Hybrid Plants in Primula**

Rs 78000 /-

Time in Hours:  
150

[Join](#)

**Isolation, Culture and plant regeneration from leaf protoplasts of passiflora**

Rs 0 /-

Time in Hours: 0

[Join](#)

**Restriction digestion of insert plasmid and binary vector**

Rs 0 /-

Time in Hours: 0

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**Molecular analysis of putative transformed plants by Polymerase Chain Reaction**

Rs 0 /-

Time in Hours: 0

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### Indirect somatic Embryogenesis in cassava for genetic modification purposes

Rs 0 /-

Time in Hours: 0

[Join](#)

### PCR (Polymerase Chain Reaction)

Rs 3000 /-

Time in Hours: 5

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### Transformation of Wheat via Particle Bombardment

Rs 0 /-

Time in Hours: 0

[Join](#)

### Reverse transcriptase PCR

Rs 3000 /-

Time in Hours: 5

[Join](#)