

Gene Cloning Genetical Engineering Training

Gene Cloning Genetical Engineering Training Program

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Learn the techniques of gene cloning and genetic engineering to create and manipulate DNA for various applications in our Gene Cloning and Genetical Engineering Training Program.

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NTHRYS provides Gene Cloning Genetical Engineering Training Program at its Hyderabad facility, Telangana. Please refer below for more details including Fee structures, Eligibility, Protocols and Modules etc.,. Please do call / message / whatsapp for more details on +91-7993084748.

Eligibility: BSc / BTech / MSc / MTech / MPhil / PhD in relevant field studying or completed students.

[What do NTHRYS Provide in Gene Cloning Genetical Engineering Training Program Accommodation Assistance](#)

Fee Payment Process for individual protocols: 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.

Please communicate with our Academic Services Department via whatsapp on +91-7993084748 for any queries.

Modules

NTHRYS provides Gene Cloning Genetical Engineering Training for interested candidates at its Hyderabad facility, Telangana. Please refer below for more details including Fee structures, Eligibility, Protocols and Modules etc.,. Please do call / message / whatsapp for more details on 9014935156 [India - +91]

Protocols / Techniques Covered

1. DNA Extraction from Human Blood
2. DNA Extraction from Bacteria
3. DNA Extraction from Plant Leaf
4. DNA Extraction from Chicken Liver
5. Primer designing using Bioinformatics Tools
6. Optimization of PCR parameters
7. PCR
8. Agarose Electrophoresis using 1 - 10 Kbp ladder
9. Extraction & purification of amplified DNA from Agarose gels using spin columns
10. Cultivation of pUC 18 vector bearing bacterial strain
11. Plasmid [pUC 18] isolation
12. Restriction digestion of pUC18 vector using EcoRI
13. 5' End DNA modification of restriction digested plasmid sample [Addition of Poly Ts]
14. TA Cloning [PCR Product and sample obtained above]
15. DNA ligation
16. Cultivation of DH5 alpha cells and Competent cell preparation using cultivated DH5 alpha cells
17. Bacterial Transformation [using competent cells and cloned vector obtained above]
18. Blue white screening [checking for the transformed colonies]

5 Days Duration - [Protocols 1, 5, 6, 7 & 8 are covered]

10 Days Duration - [Protocols 1, 2, 3, 5, 6, 7 & 8 are covered]

20 Days Duration - [Protocols 1, 2, 3, 4, 5, 6, 7 & 8 are covered]

1 Month Duration - [Protocols 1 to 13 are covered]

45 Days Duration - [All the above mentioned protocols are covered]

Note

3 Months, 4 Months, 5 Months & 6 Months duration training programs are provided only in [Gene Cloning Genetical Engineering Industrial Training](#), [Gene Cloning Genetical Engineering Course Finishers Training](#), [Gene Cloning Genetical Engineering Job Oriented Training](#), & [Gene Cloning Genetical Engineering Research Training](#)

Fee Structures for Gene Cloning Genetical Engineering Training

Fee details in Rs per student					
Fee	5 Days	10 Days	20 days	1 Month	45 Days
Individual	25800	27200	27500	30000	33600
Group 2 - 4	24400	24400	26100	28600	32100
Group 5 - 7	24100	24100	25800	28300	31700
Group 8 - 10	23800	23800	25500	28000	31400

Please choose a suitable time slot and inform our team via WhatsApp on +91-8977624748 (located at the top right corner) to receive the payment link for fee payment and slot confirmation.

Optimization of PCR parameters - Technical Theory - -No practical

Rs 360 /-

Time in Hours: 1

[Join](#)

Cultivation of pUC 18 vector bearing bacterial strain

Rs 960 /-

Time in Hours: 24

[Join](#)

Plasmid -pUC 18- isolation

Rs 720 /-

Time in Hours: 6

[Join](#)

Restriction digestion of pUC18 vector using EcoRI

Rs 1080 /-

Time in Hours: 2

[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

[Join](#)

DNA ligation

Rs 1080 /-

Time in Hours: 2

[Join](#)

Competent cell preparation DH5 alpha cells

Rs 1680 /-

Time in Hours: 3

[Join](#)

Bacterial Transformation -using competent cells and cloned vector

Rs 2160 /-

Time in Hours: 48

[Join](#)

Blue white screening

Rs 3360 /-

Time in Hours: 48

[Join](#)