



## Biotechnology Internship

NTHRYS provides Biotechnology Internship for interested candidates at its Hyderabad facility, Telangana. Please refer below for more details including Topics, Fee structures, Eligibility, Protocols and Modules etc.,. Please do call / message / whatsapp for more details on 9849854748 [India - +91]

**Eligibility:** BSc / BTech / MSc / MTech / MPhil / PhD in any Life Sciences studying or completed students

### Topics / Titles

Note: Due to certain intellectual constraints complete titles of the topics are not mentioned

Students / Scholars can choose one topic from the below list to undergo internship under this field.

1. Transformation of Umbilical cord blood stem cell to cardiomyocytes
2. Isolation and Identification of Neural stem cells from human fetal brain samples
3. Study on the effect of various food grade acidity regulators on the growth of various human stem cells
4. Role of umbilical cord blood stem cells in repairing damaged hepatocytes
5. Role of umbilical cord blood stem cells in repairing damaged pulmonary cells
6. Study on the capabilities of various stem cells in repairing damaged or burnt skin cells
7. Study on the enhancement of stem cell growth in the presence of various biomolecules procured from a variety of plant extracts
8. Isolation and Identification human neural progenitor cells from various stages of human fetus
9. Recombinant Human p53
10. Recombinant Erythropoietin
11. Recombinant scFv Fragments
12. Recombinant Granulocyte colony-stimulating factor
13. Recombinant DNA based Vectors for Gene Therapy
14. Design & Development of Recombinant Viral Vectors
15. Recombinant DNA based non viral Gene Delivery systems design
16. Bacteriophage-plasmid hybrid vectors designing using recombinant DNA technology
17. Translational Research in recombinant DNA Technology

18. Genetic modification of rare herbs for the production of isoquinoline alkaloids
19. Genetic alteration studies in plant salt stress genes
20. Achieving enzyme over expressions using plant biotech strategies
21. Plant biotechnology studies in hairy roots
22. Study on the probabilities of fungal tolerance in selected plants
23. Exploring various genes and pathways for plant biotech applications which are involved in insect pest defence mechanisms using genome wide transcriptomic and proteomic databases
24. Cadmium phytoremediation studies using plant biotechnology approaches
25. Isolation Screening & Production of Biopesticides from natural & commercial strains like BtK, BtI etc.,
26. Production of Industrially important Enzymes from commercial microorganism [ Isolation & Screening can be done from natural resources]
27. Production of Antibiotics from commercial fungal & bacterial sources [Natural isolation and screening can be done]
28. Production of Secondary metabolites from selected microorganisms
29. Production of therapeutically important molecules
30. Research studies on Quorum sensing in Plant & Animal microbial pathogens
31. Screening & identification of keratinase producing bacteria from various natural habitats
32. Production of restriction endonucleases from commercial bacterial sources
33. Production of L - Asparaginase
34. Production of Biofungicides

And Many more topics are available >>

## Fee Structures for Biotechnology Internship

Fee details in Rs per student											
Fee	10 - 20 Days	1 Month - 45 Days	2 Months - 2 & Half Months	3 Months	4 Months	5 Months	6 Months	7 Months	8 - 9 Months	10 - 11 Months	12 Months
Individual	9700	14500	16400	19100	22200	30800	41600	53300	60500	73100	84800
Group 2 - 4	9200	10600	13900	15700	Group Projects are Not provided for these durations. Note: Fees mentioned in this table is for single student either in a group or as an individual. For PhD projects and other academic assistance please contact us.						
Group 5 - 7	9100	10500	13800	15500							
Group 8 - 10	9000	10400	13600	15400							

## Biotechnology Internship

## **NTHRYS REGISTRATION PROCESS**

1. Candidates have to pay **Rs 5000/-** in the below mentioned account to complete Registration Process for selected services.
2. **Registration fee is NOT ADDITIONAL AMOUNT** we will reduce this from the main fee at the time of joining.
3. After completing the fee payment, please scan the payment receipt as well as your college identity card [ Any identity card for student proof] and email it to support@nthrys.com or whatsapp the same to the below given number
4. After receiving this email NTHRYS staff will send you a Registration No, Fee receipt & a Final Confirmation document to confirm the registration. For any additional queries regarding registration process please call / sms / whatsapp on 9849854748.

## **NTHRYS Account Information**

Account Name: NTHRYS BIOTECH LABS

Account No: 400800301000092

Bank Name: Vijaya Bank

West Marredpalli Branch - Secunderabad, Andhra Pradesh, India

Branch Under RTGS: Yes

Branch Under NEFT: Yes

RTGS - IFSC Code: VIJB0004008