

Biotechnology Summer Internship

Biotechnology Summer Internship Research Objectives

Choose any one from the below given list

1. Creating sustainable bioprocesses for the production of biofuels and bioplastics from renewable resources.
2. Enhancing the efficiency of photosynthesis in crops to increase food production and combat global hunger.
3. Developing biotechnological methods for the capture and conversion of CO₂ into useful chemicals, combating climate change.
4. Exploring the human microbiome for novel therapeutic strategies in treating chronic diseases and mental health disorders.
5. Innovating bioremediation techniques using genetically engineered organisms to detoxify polluted environments.
6. Pioneering the use of bioinformatics and machine learning in personalized medicine for more accurate diagnosis and treatment.
7. Engineering drought-resistant crop varieties to ensure food security in the face of climate change.
8. Utilizing gene therapy for the correction of genetic disorders and the customization of disease treatment.
9. Advancing the field of proteomics to understand the structure and function of every protein in the human body.
10. Investigating the ocean's microbiome for new pharmaceuticals and enzymes beneficial to industry and medicine.
11. Enhancing bioreactors for more efficient production of pharmaceuticals, chemicals, and food products.
12. Developing biological solutions for the recycling and breakdown of plastic waste.
13. Investigating the use of nanoparticles in targeted drug delivery and cancer therapy.
14. Enhancing the nutritional value and health benefits of food crops through genetic modification.
15. Developing biosensors for environmental monitoring and disease detection.
16. Exploring the therapeutic potential of psychedelics and other bioactive compounds.
17. Researching the aging process to develop interventions for longevity and healthy aging.
18. Exploring the ethical, legal, and social implications of biotechnological advancements.
19. Developing green chemistry processes that utilize biocatalysts for environmentally friendly

chemical synthesis.

20. Investigating the role of epigenetics in disease and development, opening new avenues for therapeutic interventions.

Fee Structure

Note 1: Fee mentioned below is per candidate.

Note 2: Fee of any sort is NON REFUNDABLE once paid. Please cross confirm all the details before proceeding to fee payment.

Note 3: Fee is including all taxes.

2 Days Total Fee: Rs 7500/-
Reg Fee Rs 2250/-
5 Days Total Fee: Rs 7500/-
Reg Fee Rs 2250/-
10 Days Total Fee: Rs 7500/-
Reg Fee Rs 2250/-
15 Days Total Fee: Rs 7500/-
Reg Fee Rs 2250/-
20 Days Total Fee: Rs 7500/-
Reg Fee Rs 2250/-
30 Days Total Fee: Rs 12115/-
Reg Fee Rs 3635/-
45 Days Total Fee: Rs 20000/-
Reg Fee Rs 5500/-

Please contact +91-9014935156 for fee payments info or EMI options or

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Payment via Credit Card or Payment using PDC (Post Dated Cheque).

Please check below for Payment QR Code.

NTHRYS Biotech Labs

+91 90149 35156



9014935156@okbizaxis