

Medical Biotechnology Internship with Accommodation at Kolkata

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Active Categories

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Focused Areas

Kolkata
Accommodation Location

How to View Accommodation Details and Booking Options

1. Open the Internships page or the corresponding Topics page.
2. Select the relevant focused area.
3. Select the available duration, mode and internship type.
4. Choose **Offline** mode to access accommodation booking options.
5. Continue to the fee/payment page and use the **Branches Select Option**.
6. After selecting the branch, use **Book NTHRYS Accommodation** to view accommodation fee, facility photographs, amenities and the available booking details.

Medical Biotechnology Internship Categories

AI Therapeutic Protein Engineering Research https://internships.nthrys.com/medical-biotechnology/ai-therapeutic-protein-engineering-research	Machine Learning Gene Therapy Research https://internships.nthrys.com/medical-biotechnology/machine-learning-gene-therapy-research
AI mRNA Medicine Research https://internships.nthrys.com/medical-biotechnology/ai-mrna-medicine-research	AI Diagnostic Biotech Research https://internships.nthrys.com/medical-biotechnology/ai-diagnostic-biotech-research
AI Cell Therapy Development Research https://internships.nthrys.com/medical-biotechnology/ai-cell-therapy-development-research	AI Medical Device Biotech Research https://internships.nthrys.com/medical-biotechnology/ai-medical-device-biotech-research
AI Biosimilar Development Research https://internships.nthrys.com/medical-biotechnology/ai-biosimilar-development-research	AI CRISPR Medical Biotech Research https://internships.nthrys.com/medical-biotechnology/ai-crispr-medical-biotech-research
AI Nanomedicine Research https://internships.nthrys.com/medical-biotechnology/ai-nanomedicine-research	AI Personalized Medicine Biotech Research https://internships.nthrys.com/medical-biotechnology/ai-personalized-medicine-biotech-research
Antibody Discovery High-Throughput Screening https://internships.nthrys.com/medical-biotechnology/antibody-discovery-high-throughput-screening	Immunotherapy Biomarker Validation Studies https://internships.nthrys.com/medical-biotechnology/immunotherapy-biomarker-validation-studies
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Protein Folding Stability Prediction https://internships.nthrys.com/medical-biotechnology/protein-folding-stability-prediction	Bioprocess Scale-Up Optimization Research https://internships.nthrys.com/medical-biotechnology/bioprocess-scale-up-optimization-research

Drug Delivery Nanoparticle Engineering https://internships.nthrys.com/medical-biotechnology/drug-delivery-nanoparticle-engineering	Microbiome Therapeutics Development https://internships.nthrys.com/medical-biotechnology/microbiome-therapeutics-development
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Regulatory Toxicology Study Support https://internships.nthrys.com/medical-biotechnology/regulatory-toxicology-study-support	Glycoprotein Engineering Post-Translational Modification https://internships.nthrys.com/medical-biotechnology/glycoprotein-engineering-post-translational-modification
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Enzyme Kinetics Characterization Studies https://internships.nthrys.com/medical-biotechnology/enzyme-kinetics-characterization-studies	Wound Healing Regenerative Medicine https://internships.nthrys.com/medical-biotechnology/wound-healing-regenerative-medicine
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Bioinformatics Drug Target Prediction https://internships.nthrys.com/medical-biotechnology/bioinformatics-drug-target-prediction	Radiopharmaceutical Development Research https://internships.nthrys.com/medical-biotechnology/radiopharmaceutical-development-research
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Cardiovascular Biotech Drug Development https://internships.nthrys.com/medical-biotechnology/cardiovascular-biotech-drug-development	Reproductive Medicine Biotechnology https://internships.nthrys.com/medical-biotechnology/reproductive-medicine-biotechnology
Environmental Biotechnology Bioremediation https://internships.nthrys.com/medical-biotechnology/environmental-biotechnology-bioremediation	Ophthalmic Disease Therapeutic Research https://internships.nthrys.com/medical-biotechnology/ophthalmic-disease-therapeutic-research

Medical Biotechnology Internship Topics and Focused Areas

AI Therapeutic Protein Engineering Research

- Machine Learning-Based Protein Structure Prediction
- Computational Protein Mutation and Variant Analysis
- Protein-Ligand Binding and Drug Target Interaction Modeling
- Immunogenicity and Safety Prediction for Therapeutic Proteins
- Generative AI for De Novo Protein Design and Optimization

Machine Learning Gene Therapy Research

- Predictive Modeling of Gene Delivery Efficacy
- Deep Learning for Off-Target Effect Detection

- Natural Language Processing for Gene Therapy Literature Mining
- Machine Learning-Driven Patient Stratification for Gene Therapy
- Synthetic Data Generation for Gene Expression Prediction

AI mRNA Medicine Research

- mRNA Sequence Design and Optimization
- Lipid Nanoparticle (LNP) Formulation Development
- In Vitro mRNA Translation and Expression Studies
- Immunogenicity Assessment and Immune Response Profiling
- mRNA Stability and Degradation Pathway Analysis

AI Cell Therapy Development Research

- Machine Learning Models for CAR-T Cell Design Optimization
- Deep Learning for Immunophenotyping and Cell Classification
- Computational Drug Response Prediction for Engineered Cell Therapies
- Natural Language Processing for Cell Therapy Literature Mining and Data Extraction
- AI-Powered Cell Culture Condition Optimization and Bioreactor Modeling

Immunotherapy Biomarker Validation Studies

- Flow Cytometry Data Analysis for Immune Cell Profiling
- Gene Expression Profiling and Biomarker Discovery
- Tumor Microenvironment Characterization
- T Cell Receptor (TCR) Sequencing and Clonality Assessment
- Multiplex Protein Analysis and Immune Signature Validation

Glycoprotein Engineering Post-Translational Modification

- Glycosylation Pattern Analysis and Characterization
- Site-Directed Mutagenesis for Glycosylation Engineering
- Recombinant Expression Optimization for Homogeneous Glycoproteins
- Post-Translational Modification Monitoring in Bioreactor Production
- Glycosylation-Mediated Immune Evasion and Drug Targeting

Wound Healing Regenerative Medicine

- Biomaterial Scaffold Development for Tissue Regeneration
- Growth Factor Engineering and Delivery Systems
- Stem Cell Differentiation for Wound Healing Applications
- Angiogenesis and Vascularization in Regenerative Scaffolds
- Antimicrobial Wound Dressings and Biofilm Prevention

Immunotoxicology Preclinical Assessment

- In Vitro Immunotoxicity Screening Assays
- Immunophenotyping and Biomarker Analysis
- Complement and Cytokine Response Evaluation
- Lymphocyte Proliferation and T-Cell Functionality Testing
- Hypersensitivity and Immunoallergy Preclinical Modeling

Rare Disease Natural History Studies

- Patient Phenotyping and Clinical Data Standardization
- Longitudinal Outcome Measures Development
- Real-World Evidence Data Analysis and Interpretation
- Patient Recruitment and Informed Consent Optimization
- Genetic and Molecular Data Integration for Disease Classification

Infectious Disease Vaccine Research

- Viral Antigen Characterization and Immunogenicity Assessment
- Vaccine Formulation Development and Stability Testing
- In Vitro Immunological Response Analysis
- Molecular Epidemiology and Pathogen Sequencing
- Preclinical Efficacy Testing and Animal Model Studies

Neurological Disorder Model Development

- In Vitro Neural Cell Culture and Differentiation
- Organoid Development for Brain Disease Modeling
- Molecular Biomarker Analysis and Gene Expression Profiling
- Behavioral and Functional Assessment of Disease Models
- Drug Screening and Therapeutic Target Validation

Antimicrobial Resistance Investigation

- Bacterial Susceptibility Testing and Antibiotic Profiling
- Molecular Mechanisms of Resistance Gene Detection
- Multi-Drug Resistant (MDR) Pathogen Isolation and Characterization
- Antimicrobial Compound Efficacy Evaluation
- Epidemiological Surveillance and Resistance Data Analysis

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