

Genetics Internship with Accommodation at Kolkata

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51

Active Categories

15

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.

Genetics Internship Categories

AI Population Genetics Research https://internships.nthrys.com/genetics/ai-population-genetics-research	Machine Learning Quantitative Genetics Research https://internships.nthrys.com/genetics/machine-learning-quantitative-genetics
AI Mendelian Disease Genetics Research https://internships.nthrys.com/genetics/ai-mendelian-disease-genetics-research	AI Complex Trait Genetics Research https://internships.nthrys.com/genetics/ai-complex-trait-genetics-research
AI Epigenetic Inheritance Research https://internships.nthrys.com/genetics/ai-epigenetic-inheritance-research	AI Chromosome Biology Research https://internships.nthrys.com/genetics/ai-chromosome-biology-research
AI Gene-Environment Interaction Research https://internships.nthrys.com/genetics/ai-gene-environment-interaction-research	AI Somatic Mutation Genetics Research https://internships.nthrys.com/genetics/ai-somatic-mutation-genetics-research
AI Genetic Counseling Science Research https://internships.nthrys.com/genetics/ai-genetic-counseling-science-research	AI Plant Genetics Research https://internships.nthrys.com/genetics/ai-plant-genetics-research
CRISPR Gene Editing Therapeutic Development https://internships.nthrys.com/genetics/crispr-gene-editing-therapeutic-development	CRISPR Gene Editing Applications Research https://internships.nthrys.com/genetics/crispr-gene-editing-applications-research
Genomic Sequencing Data Analysis https://internships.nthrys.com/genetics/genomic-sequencing-data-analysis	Mitochondrial DNA Mutation Research https://internships.nthrys.com/genetics/mitochondrial-dna-mutation-research

Genetic Marker Development Cancer Studies https://internships.nthrys.com/genetics/genetic-marker-development-cancer-studies	RNA-Seq Expression Profiling Studies https://internships.nthrys.com/genetics/rna-seq-expression-profiling-studies
Linkage Analysis Family Pedigree Studies https://internships.nthrys.com/genetics/linkage-analysis-family-pedigree-studies	Pharmacogenomics Drug Response Research https://internships.nthrys.com/genetics/pharmacogenomics-drug-response-research
Population Stratification Ancestry Analysis https://internships.nthrys.com/genetics/population-stratification-ancestry-analysis	Structural Variant Detection Characterization https://internships.nthrys.com/genetics/structural-variant-detection-characterization
Copy Number Variation Analysis Methods https://internships.nthrys.com/genetics/copy-number-variation-analysis-methods	Genome Assembly Pipeline Development https://internships.nthrys.com/genetics/genome-assembly-pipeline-development
Mutagenesis Screen Model Organism https://internships.nthrys.com/genetics/mutagenesis-screen-model-organism	Microarray Genotyping Analysis Studies https://internships.nthrys.com/genetics/microarray-genotyping-analysis-studies
Heterozygous Advantage Selection Research https://internships.nthrys.com/genetics/heterozygous-advantage-selection-research	Ancient DNA Paleogenomics Analysis https://internships.nthrys.com/genetics/ancient-dna-paleogenomics-analysis
Viral Genomics Evolution Tracking https://internships.nthrys.com/genetics/viral-genomics-evolution-tracking	Bacterial Horizontal Gene Transfer https://internships.nthrys.com/genetics/bacterial-horizontal-gene-transfer
Retrotransposon Activity Mobilome Studies https://internships.nthrys.com/genetics/retrotransposon-activity-mobilome-studies	Exome Sequencing Disease Gene Discovery https://internships.nthrys.com/genetics/exome-sequencing-disease-gene-discovery
Genome-Wide Association Study Analysis https://internships.nthrys.com/genetics/genome-wide-association-study-analysis	Functional Genetics Cell-Based Assays https://internships.nthrys.com/genetics/functional-genetics-cell-based-assays
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Epigenetic Mark ChIP-seq Profiling https://internships.nthrys.com/genetics/epigenetic-mark-chip-seq-profiling	

Genetics Internship Topics and Focused Areas

Machine Learning Quantitative Genetics Research

- Genomic Prediction Model Development
- Variant Effect Prediction and Classification
- Heritability and Gene-Environment Interaction Analysis

- Population Stratification and Admixture Analysis
- Quantitative Trait Loci (QTL) Mapping with ML Integration

CRISPR Gene Editing Therapeutic Development

- CRISPR Off-Target Effects Analysis
- Gene Delivery Vector Optimization
- CRISPR Base Editing and Prime Editing Development
- Disease Model Development for CRISPR Therapeutics
- CRISPR Immunogenicity and Safety Assessment

CRISPR Gene Editing Applications Research

- Off-Target Effects Assessment in CRISPR-Cas9 Systems
- Base Editing and Prime Editing Optimization
- CRISPR Delivery Systems and In Vivo Gene Therapy Development
- Multiplex CRISPR Gene Editing for Disease Modeling
- CRISPR Screening Platforms for Target Discovery and Validation

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