

Molecular Cancer Research Internship with Accommodation at Chennai

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50
Active Categories

15
Focused Areas

Chennai
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.

Molecular Cancer Research Internship Categories

AI Oncogene & Tumor Suppressor Research https://internships.nthrys.com/molecular-cancer-research/ai-oncogene-tumor-suppressor-research	Machine Learning Cancer Driver Mutation Research https://internships.nthrys.com/molecular-cancer-research/machine-learning-cancer-driver-mutation
AI Cancer Epigenomics Molecular Research https://internships.nthrys.com/molecular-cancer-research/ai-cancer-epigenomics-molecular-research	AI Tumor Heterogeneity Research https://internships.nthrys.com/molecular-cancer-research/ai-tumor-heterogeneity-research
AI Metastasis Molecular Research https://internships.nthrys.com/molecular-cancer-research/ai-metastasis-molecular-research	AI Cancer Immunology Molecular Research https://internships.nthrys.com/molecular-cancer-research/ai-cancer-immunology-molecular-research
AI DNA Damage Cancer Research https://internships.nthrys.com/molecular-cancer-research/ai-dna-damage-cancer-research	AI Liquid Biopsy Cancer Research https://internships.nthrys.com/molecular-cancer-research/ai-liquid-biopsy-cancer-research
AI Cancer Stem Cell Research https://internships.nthrys.com/molecular-cancer-research/ai-cancer-stem-cell-research	AI Cancer Drug Resistance Research https://internships.nthrys.com/molecular-cancer-research/ai-cancer-drug-resistance-research
CRISPR Gene Editing Cancer Cell Models https://internships.nthrys.com/molecular-cancer-research/crispr-gene-editing-cancer-cell-models	Protein-Protein Interaction Cancer Signaling https://internships.nthrys.com/molecular-cancer-research/protein-protein-interaction-cancer-signaling
Cancer Metabolomics Biomarker Discovery https://internships.nthrys.com/molecular-cancer-research/cancer-metabolomics-biomarker-discovery	Tumor Microenvironment Cellular Interactions https://internships.nthrys.com/molecular-cancer-research/tumor-microenvironment-cellular-interactions
Angiogenesis Molecular Mechanism Research https://internships.nthrys.com/molecular-cancer-research/angiogenesis-molecular-mechanism-research	Chromatin Remodeling Cancer Epigenetics https://internships.nthrys.com/molecular-cancer-research/chromatin-remodeling-cancer-epigenetics

Non-Coding RNA Cancer Regulation https://internships.nthrys.com/molecular-cancer-research/non-coding-rna-cancer-regulation	Clonal Evolution Tumor Sequencing Analysis https://internships.nthrys.com/molecular-cancer-research/clonal-evolution-tumor-sequencing-analysis
Organoid Development Cancer Biology Models https://internships.nthrys.com/molecular-cancer-research/organoid-development-cancer-biology-models	Immunotherapy Response Molecular Profiling https://internships.nthrys.com/molecular-cancer-research/immunotherapy-response-molecular-profiling
Synthetic Lethal Interaction Cancer Screening https://internships.nthrys.com/molecular-cancer-research/synthetic-lethal-interaction-cancer-screening	Cancer Cell Cycle Checkpoint Control https://internships.nthrys.com/molecular-cancer-research/cancer-cell-cycle-checkpoint-control
Nucleotide Excision Repair Cancer Mutations https://internships.nthrys.com/molecular-cancer-research/nucleotide-excision-repair-cancer-mutations	Tumor Suppressor Pathway Restoration https://internships.nthrys.com/molecular-cancer-research/tumor-suppressor-pathway-restoration
Cancer Glycosylation Protein Modification https://internships.nthrys.com/molecular-cancer-research/cancer-glycosylation-protein-modification	Photodynamic Therapy Mechanism Studies https://internships.nthrys.com/molecular-cancer-research/photodynamic-therapy-mechanism-studies
Circulating Tumor Cell Isolation Methods https://internships.nthrys.com/molecular-cancer-research/circulating-tumor-cell-isolation-methods	Cancer Extracellular Matrix Remodeling https://internships.nthrys.com/molecular-cancer-research/cancer-extracellular-matrix-remodeling
Targeted Protein Degradation Cancer Therapy https://internships.nthrys.com/molecular-cancer-research/targeted-protein-degradation-cancer-therapy	Cancer Splicing Regulatory Network Analysis https://internships.nthrys.com/molecular-cancer-research/cancer-splicing-regulatory-network-analysis
Tumor Suppressors p53 Pathway Function https://internships.nthrys.com/molecular-cancer-research/tumor-suppressors-p53-pathway-function	Cancer Cell Dormancy Reactivation Mechanisms https://internships.nthrys.com/molecular-cancer-research/cancer-cell-dormancy-reactivation-mechanisms
Hypoxia Response Cancer Adaptation https://internships.nthrys.com/molecular-cancer-research/hypoxia-response-cancer-adaptation	Cancer Personalized Medicine Genomic Profiling https://internships.nthrys.com/molecular-cancer-research/cancer-personalized-medicine-genomic-profiling
Oncogenic Fusion Protein Characterization https://internships.nthrys.com/molecular-cancer-research/oncogenic-fusion-protein-characterization	Cancer Immunosurveillance Escape Mechanisms https://internships.nthrys.com/molecular-cancer-research/cancer-immunosurveillance-escape-mechanisms
Nanoparticle Drug Delivery Cancer Treatment https://internships.nthrys.com/molecular-cancer-research/nanoparticle-drug-delivery-cancer-treatment	Cancer Telomere Maintenance Mechanisms https://internships.nthrys.com/molecular-cancer-research/cancer-telomere-maintenance-mechanisms
ROS Oxidative Stress Cancer Dependency https://internships.nthrys.com/molecular-cancer-research/ros-oxidative-stress-cancer-dependency	Cancer Autophagy Pathway Regulation https://internships.nthrys.com/molecular-cancer-research/cancer-autophagy-pathway-regulation
Wnt Signaling Pathway Cancer Development https://internships.nthrys.com/molecular-cancer-research/wnt-signaling-pathway-cancer-development	Notch Signaling Cancer Stem Cell Maintenance https://internships.nthrys.com/molecular-cancer-research/notch-signaling-cancer-stem-cell-maintenance
Hedgehog Signaling Pathway Cancer https://internships.nthrys.com/molecular-cancer-research/hedgehog-signaling-pathway-cancer	Cancer Extracellular Vesicle Signaling https://internships.nthrys.com/molecular-cancer-research/cancer-extracellular-vesicle-signaling
Lipid Metabolism Cancer Proliferation Driver https://internships.nthrys.com/molecular-cancer-research/lipid-metabolism-cancer-proliferation-driver	Cancer Single-Cell Transcriptomic Analysis https://internships.nthrys.com/molecular-cancer-research/cancer-single-cell-transcriptomic-analysis
Spatial Transcriptomics Tumor Architecture https://internships.nthrys.com/molecular-cancer-research/spatial-transcriptomics-tumor-architecture	Cancer Immunopeptidomics Vaccine Design https://internships.nthrys.com/molecular-cancer-research/cancer-immunopeptidomics-vaccine-design
CAR-T Cell Engineering Targeting Validation https://internships.nthrys.com/molecular-cancer-research/car-t-cell-engineering-targeting-validation	Cancer Copy Number Alteration Mapping https://internships.nthrys.com/molecular-cancer-research/cancer-copy-number-alteration-mapping

Molecular Cancer Research Internship Topics and Focused Areas

Chromatin Remodeling Cancer Epigenetics

- Chromatin Remodeling Complex Characterization
- Histone Modification Profiling in Cancer Genomes
- Cancer-Associated Epigenetic Mutations and Chromatin Dysfunction
- Polycomb Repressive Complex Function in Cancer Stem Cells
- Epigenetic Plasticity and Treatment Resistance in Cancer

Organoid Development Cancer Biology Models

- 3D Tumor Organoid Culture and Characterization
- Drug Response Testing in Cancer Organoids
- Organoid-Derived Extracellular Matrix and Microenvironment Engineering

- Single-Cell Analysis and Transcriptomics in Cancer Organoids
- Patient-Derived Xenograft (PDX) Organoid Development and Modeling

Nanoparticle Drug Delivery Cancer Treatment

- Synthesis and Characterization of Polymeric Nanoparticles
- Drug Loading and Release Kinetics Studies
- In Vitro Cellular Uptake and Cytotoxicity Assays
- Surface Modification and Targeting Ligand Conjugation
- Biocompatibility Assessment and Pharmacokinetic Studies

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