

Mycology Internship Topics

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50
Active Categories

5
Focused Areas

Internships
Internships

Mycology Internship Categories

AI Fungal Genomics Research https://internships.nthrys.com/mycology/ai-fungal-genomics-research	Machine Learning Fungal Diversity Research https://internships.nthrys.com/mycology/machine-learning-fungal-diversity-research
AI Pathogenic Mycology Research https://internships.nthrys.com/mycology/ai-pathogenic-mycology-research	AI Fungal Secondary Metabolite Research https://internships.nthrys.com/mycology/ai-fungal-secondary-metabolite-research
AI Mycobiome Research https://internships.nthrys.com/mycology/ai-mycobiome-research	AI Lichen Biology Research https://internships.nthrys.com/mycology/ai-lichen-biology-research
AI Mycorrhizal Ecology Research https://internships.nthrys.com/mycology/ai-mycorrhizal-ecology-research	AI Antifungal Drug Target Research https://internships.nthrys.com/mycology/ai-antifungal-drug-target-research
AI Fungal Biotech Applications Research https://internships.nthrys.com/mycology/ai-fungal-biotech-applications-research	AI Endophytic Fungi Research https://internships.nthrys.com/mycology/ai-endophytic-fungi-research
Fungal Enzyme Production Optimization Research https://internships.nthrys.com/mycology/fungal-enzyme-production-optimization-research	Mushroom Fruiting Body Development Studies https://internships.nthrys.com/mycology/mushroom-fruiting-body-development-studies
Fungal Strain Improvement Through Mutagenesis https://internships.nthrys.com/mycology/fungal-strain-improvement-through-mutagenesis	Yeast Fermentation Process Development Research https://internships.nthrys.com/mycology/yeast-fermentation-process-development-research
Fungal Biofilm Formation and Control https://internships.nthrys.com/mycology/fungal-biofilm-formation-and-control	Mycotoxin Detection and Quantification Methods https://internships.nthrys.com/mycology/mycotoxin-detection-and-quantification-methods
Fungal Lignocellulose Degradation Research https://internships.nthrys.com/mycology/fungal-lignocellulose-degradation-research	Fungal Stress Response Physiology Studies https://internships.nthrys.com/mycology/fungal-stress-response-physiology-studies
Edible Mushroom Cultivation Techniques Research https://internships.nthrys.com/mycology/edible-mushroom-cultivation-techniques-research	Fungal Plant Pathogen Host Interaction Studies https://internships.nthrys.com/mycology/fungal-plant-pathogen-host-interaction-studies
Fungal Spore Dispersal and Ecology https://internships.nthrys.com/mycology/fungal-spore-dispersal-and-ecology	Biocontrol Fungi Development and Testing https://internships.nthrys.com/mycology/biocontrol-fungi-development-and-testing
Fungal Nitrogen Metabolism Pathway Research https://internships.nthrys.com/mycology/fungal-nitrogen-metabolism-pathway-research	Fungal Pigment Production and Applications https://internships.nthrys.com/mycology/fungal-pigment-production-and-applications
Anaerobic Fungal Digestion Process Studies https://internships.nthrys.com/mycology/anaerobic-fungal-digestion-process-studies	Fungal Biodiversity in Soil Ecosystems https://internships.nthrys.com/mycology/fungal-biodiversity-in-soil-ecosystems
Fungal Metabolite Extraction and Purification https://internships.nthrys.com/mycology/fungal-metabolite-extraction-and-purification	Fungal Resistance Mechanism to Antifungals https://internships.nthrys.com/mycology/fungal-resistance-mechanism-to-antifungals
Fungal Cell Wall Structure and Composition https://internships.nthrys.com/mycology/fungal-cell-wall-structure-and-composition	Fungal Mating Type and Sexual Reproduction https://internships.nthrys.com/mycology/fungal-mating-type-and-sexual-reproduction
Industrial Fungal Fermentation Scale-Up Research https://internships.nthrys.com/mycology/industrial-fungal-fermentation-scale-up-research	Fungal Protein Expression and Secretion Systems https://internships.nthrys.com/mycology/fungal-protein-expression-and-secretion-systems
Fungal Allergen Characterization and Immunology https://internships.nthrys.com/mycology/fungal-allergen-characterization-and-immunology	Fungal Biosorption for Heavy Metal Removal https://internships.nthrys.com/mycology/fungal-biosorption-for-heavy-metal-removal

Fungal Gut Microbiome Interactions Research https://internships.nthrys.com/mycology/fungal-gut-microbiome-interactions-research	Fungal Cryptic Species Identification and Taxonomy https://internships.nthrys.com/mycology/fungal-cryptic-species-identification-and-taxonomy
Fungal Biofilm Quorum Sensing Mechanisms https://internships.nthrys.com/mycology/fungal-biofilm-quorum-sensing-mechanisms	Fungal Production of Antibiotics and Immunosuppressants https://internships.nthrys.com/mycology/fungal-production-of-antibiotics-and-immunosuppressants
Fungal Biomass Pretreatment for Biofuel https://internships.nthrys.com/mycology/fungal-biomass-pretreatment-for-biofuel	Fungal Sporulation Triggers and Regulation https://internships.nthrys.com/mycology/fungal-sporulation-triggers-and-regulation
Fungal Drug Metabolism and Detoxification Pathways https://internships.nthrys.com/mycology/fungal-drug-metabolism-and-detoxification-pathways	Fungal Oscillatory Dynamics in Bioreactors https://internships.nthrys.com/mycology/fungal-oscillatory-dynamics-in-bioreactors
Fungal Endospore Formation and Germination https://internships.nthrys.com/mycology/fungal-endospore-formation-and-germination	Fungal Lipid Metabolism and Oil Production https://internships.nthrys.com/mycology/fungal-lipid-metabolism-and-oil-production
Fungal Disease Epidemiology in Agriculture https://internships.nthrys.com/mycology/fungal-disease-epidemiology-in-agriculture	Fungal Transcriptomics Under Nutrient Limitation https://internships.nthrys.com/mycology/fungal-transcriptomics-under-nutrient-limitation
Fungal Protoplast Fusion for Strain Development https://internships.nthrys.com/mycology/fungal-protoplast-fusion-for-strain-development	Fungal Water Activity and Moisture Management https://internships.nthrys.com/mycology/fungal-water-activity-and-moisture-management
Fungal Infection Progression and Virulence Factors https://internships.nthrys.com/mycology/fungal-infection-progression-and-virulence-factors	Fungal Volatile Organic Compound Production Research https://internships.nthrys.com/mycology/fungal-volatile-organic-compound-production-research

Mycology Internship Topics and Focused Areas

Fungal Drug Metabolism and Detoxification Pathways

- Cytochrome P450 Enzyme Characterization in Fungal Species
- Antifungal Resistance Mechanisms and Drug Efflux Transporters
- Glutathione S-Transferase Pathways in Fungal Detoxification
- Metabolic Profiling of Fungal Drug Metabolites
- Regulation of Detoxification Gene Expression Under Drug Stress

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