



Biology

Biology Projects

Project Categories

Contact +91-8977624748 for joining process

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Browse Biology project programs at NTHRYS Biotech Labs — academic, professional, industrial and research tracks across the categories below.

CATEGORIES

Cell Structure and Function Analysis

Microscopy and Imaging Techniques

Biological Staining and Histology

Animal Physiology and Organ Systems

Plant Biology and Growth Analysis

Biodiversity Assessment and Species Identification

Reproductive Biology and Fertility Studies

Biological Sample Collection and Preservation

Toxicology and Biological Safety Testing

Nutritional Biology and Dietary Analysis

Blood Biology and Hematology Applications

Wound Healing and Tissue Repair Biology

Aging Biology and Senescence Studies

Stem Cell Biology Applications

Cancer Biology and Tumor Modeling

Neurobiology and Brain Function Applications

Immune System Function and Testing

Enzyme Biology and Kinetics

Aquatic Biology and Freshwater Ecology

Soil Biology and Terrestrial Microbiome

Biological Waste Treatment and Bioremediation

Parasite Biology and Host Interaction Studies

Biological Product Quality Control

Protein Biology and Expression Studies

Genetic Disorder Screening and Detection

Biofilm Formation and Control

Photobiology and Light-Mediated Biological Processes

Lipid Biology and Membrane Studies

Carbohydrate Biology and Glycobiology

Biological Clock and Chronobiology Applications

Biological Fluid Analysis

Comparative Anatomy and Morphological Studies

Stress Biology and Adaptive Responses

Forensic Biology Applications

Biological Dye and Pigment Applications

Biomechanics and Biological Movement Studies

Hormone Biology and Endocrine Applications

Biological Rhythm and Seasonal Adaptation

Bioacoustics and Animal Communication Biology

Thermoregulation and Temperature Biology

Symbiosis and Host-Microbe Interactions

Biological Membrane Transport and Channels

Epigenetics and Gene Regulation Applications

Biophotonics and Optical Biological Sensing

Animal Behavior and Ethology Applications

Developmental Toxicology and Teratology

Biosensor Development and Point-of-Care Biology

Bioenergetics and Metabolic Rate Studies

Biological Adhesion and Extracellular Matrix Studies

Biological Aging and Longevity Interventions

Viral Biology and Virology Applications

Bacterial Pathogen Detection and Identification

Fungal Biology and Mycology Applications

Algal Biology and Microalgae Cultivation

Insect Biology and Entomology Applications

Protein Folding and Structural Biology

Nucleic Acid Biology and DNA Technologies

Marine Biology and Ocean Organism Studies

Wildlife Biology and Conservation Applications

Biogeography and Species Distribution Modeling

Pharmacognosy and Medicinal Plant Biology

Biological Pest Control and IPM Applications

Regenerative Biology and Tissue Repair

Chrono-Biology and Biological Timing Systems

Fermentation Biology and Industrial Microbiology

Population Biology and Demographic Studies

Seed Biology and Germplasm Conservation

Biological Control of Waterborne Pathogens

Developmental Biology and Embryology

Functional Foods and Nutraceutical Biology

Limnology and Lake Ecosystem Studies

Biomining and Metal Bioextraction

Ethnozooology and Traditional Animal Use Studies

Biological Product Formulation and Stability

Genetic Diversity and Population Genetics

Bioethics and Responsible Biological Research

Food Microbiology and Safety Testing

Bioprospecting and Natural Product Discovery

Respiratory Biology and Airway Research

Dermal Biology and Skin Research Applications

Ocular Biology and Eye Research

Gut Biology and Intestinal Research

Cardiac Biology and Heart Function Studies

Hepatic Biology and Liver Function Research

Renal Biology and Kidney Function Studies

Bone Biology and Skeletal Research

Oral Biology and Dental Research Applications

Musculoskeletal Biology and Connective Tissue

Reproductive Toxicology and Endocrine Disruption

Computational Biology Tools and Applications

Biological Clock Disruption in Disease States

Enteric Nervous System and Gut-Brain Axis

Vascular Biology and Angiogenesis Studies

Bioinformatics Pipeline Development

Environmental Stress and Plant Adaptation

Nematology and Soil Invertebrate Biology

Proteomics and Protein Expression Profiling

Metabolomics and Small Molecule Profiling

Radioecology and Radiation Biology

Microbiome Engineering and Synthetic Ecology

Biomarker Discovery and Validation

Immunodiagnosics and Serology

Transgenic Organism Development and Application

Biopolymer Production and Characterization

Allergen Biology and Allergy Diagnostics

Aquaculture Biology and Fish Health

Pollination Biology and Plant Reproductive Ecology

Plant Tissue Culture and Micropropagation

Bioprocess Engineering and Scale-Up

Zoonotic Disease Surveillance and Control

Antibiotic Resistance Monitoring and Stewardship

Lipidomics and Fatty Acid Biology

Glycomics and Sugar Biology Applications

Cell Signaling Pathway Analysis

Biological Waste Valorization

Phylogenetics and Evolutionary Biology

Vector-Borne Disease Biology

Tissue Engineering and Organ-on-Chip

Drug Discovery Biology and Target Validation

Microbial Ecology and Community Analysis

Tropical Disease Biology and Control

Agricultural Soil Health and Microbial Fertility

Exosome and Extracellular Vesicle Biology

Astrobiology and Extremophile Research

Regenerative Agriculture and Soil Restoration

Bioelectricity and Electrophysiology Applications

Phytoremediation and Plant-Based Pollution Cleanup

Neurogenesis and Brain Plasticity Research

Biodegradation and Xenobiotic Metabolism

Biofilm in Industrial and Medical Contexts

Neurotoxicology and Neuroprotection Studies

Ecosystem Services Assessment and Valuation

Cryobiology and Low Temperature Biology

Sexual Selection and Mating System Biology

Biological Nitrogen Cycle and Nutrient Dynamics

Biological Control of Plant Pathogens

Insect Physiology and Chemical Ecology

Therapeutic Protein Production Biology

Bioenergy Crop Biology and Feedstock Development

Invasive Species Biology and Impact Assessment

Psychological Stress and Immune Biology

Biological Information and Science Communication

Thermoregulation Strategies in Ectotherms

Laboratory Quality Management in Biology

RNA Biology and Post-Transcriptional Regulation

Biomedical Imaging and Contrast Agent Biology

Evolutionary Medicine and Disease Biology

Reproductive Endocrinology and Hormone Biology

Drug Resistance Biology in Pathogens

Biological Material Characterization and Testing

Circulating Tumor Cell Biology

Plant Secondary Metabolism and Phytochemistry

Gut-Immune Axis and Mucosal Immunity

Molecular Diagnostics and PCR Applications

Coral Reef Biology and Conservation

Pesticide Residue Biology and Detection

Glycoprotein and Proteoglycan Biology

Biological Network and Systems Analysis

Environmental DNA and Biodiversity Monitoring

Cellular Metabolism and Bioenergetic Reprogramming

Biogeochemistry and Element Cycling

Animal Cognition and Behavioral Ecology

Virus-Like Particle Development and Applications

Soil Contamination Biology and Ecotoxicology

Synthetic Biology Applications in Medicine

Forest Biology and Tree Physiology

Microfluidics and Lab-on-Chip Biology

Avian Biology and Ornithology Applications

Bioactive Compound Extraction and Isolation

Primate Biology and Great Ape Conservation

Bioethanol and Fermentation Waste Valorization

Parasite Immunology and Host Defense

Paleobiology and Ancient DNA Studies

Cellular Reprogramming and iPSC Technology

Functional Genomics and Gene Function Studies

Biodegradable Packaging from Biological Sources

Host Genetics and Disease Susceptibility

Wetland Ecology and Peatland Biology

Biocompatibility and Implant Biology Testing

Antimicrobial Peptide Biology and Development

Sensory Biology and Receptor Physiology

Metagenomics and Environmental Genomics

Plant Immunity and Disease Resistance

Cellular Stress Response and Proteostasis

Livestock Health and Production Biology

Transcription Factor Biology and Gene Regulation

Nanoparticle Interactions with Biological Systems

Biological Response to Space and Microgravity

Chromatin Biology and Nuclear Organization

Global Change Biology and Climate Adaptation

Biodefense and Biological Threat Detection

Reproductive Technology and Assisted Breeding

Biopharma Regulatory Science and Compliance

Ecological Restoration and Rewilding Biology

Bioinspired Materials and Biomimetic Engineering

Single Cell Biology and Spatial Transcriptomics

Traditional Fermented Food Biology

Biomass Conversion and Lignocellulose Biology

Comparative Physiology and Adaptation Biology

Biology of Aging-Related Diseases