



Hematology

Hematology Training

Training Categories

Contact +91-8977624748 for joining process

Visit ASCEND Portal for more details →

Browse Hematology training programs at NTHRYS Biotech Labs across the categories below.

CATEGORIES

Complete Blood Count Methodology

Hands-on training in performing and interpreting CBC tests for laboratory technicians seeking foundational hematology skills.

Microscopy and Blood Film Analysis

Advanced microscopic examination techniques for identifying morphological abnormalities in blood cells for experienced lab professionals.

Hemoglobin Electrophoresis Techniques

Specialized training in hemoglobin variant identification and separation for hematology lab technicians and specialists.

Coagulation Testing and Interpretation

Comprehensive program covering PT, aPTT, and fibrinogen testing for laboratory professionals managing coagulation disorders.

Flow Cytometry Fundamentals

Beginner-level introduction to flow cytometry principles and instrument operation for new laboratory technicians.

Advanced Flow Cytometry Analysis

Expert-level training in multicolor gating strategies and leukemia classification for experienced cytometry professionals.

Bone Marrow Aspiration and Biopsy

Clinical training in specimen collection, preparation, and initial evaluation for pathology and hematology professionals.

Leukemia Classification and Diagnosis

Detailed training on WHO classification systems and diagnostic criteria for hematopathology specialists.

Lymphoma Recognition and Assessment

Specialist program covering lymphoma subtypes, diagnostic markers, and staging for oncohematology professionals.

Platelet Disorders and Testing

Focused training on thrombocytopenia evaluation and platelet function testing for hematology lab technicians.

Iron Metabolism and Anemia Workup

Comprehensive program on iron studies, ferritin testing, and anemia differential diagnosis for lab professionals.

Hemolytic Anemia Investigation

Specialized training in identifying hemolytic processes through reticulocyte counts and direct antiglobulin testing.

Blood Banking and Transfusion Safety

Critical compliance and safety training for blood bank technicians on transfusion protocols and regulations.

ABO and Rh Typing Procedures

Hands-on training in serological testing and blood group determination for blood bank and laboratory staff.

Antibody Screening and Identification

Advanced techniques for detecting and identifying alloantibodies in transfusion medicine specialists.

Laboratory Information Systems LIS

Software training on LIS platforms for data entry, result reporting, and quality assurance in hematology labs.

Hematology Analyzer Operation

Equipment-specific training on automated analyzer maintenance, quality control, and troubleshooting for technicians.

Quality Control in Hematology

Comprehensive QC program covering reagent validation, control ranges, and proficiency testing procedures.

Laboratory Safety and Biosafety

Mandatory safety training for bloodborne pathogen exposure prevention and safe laboratory practices.

Specimen Collection and Handling

Practical training on proper blood collection, anticoagulant selection, and specimen transport for all lab staff.

Thrombophilia Testing Protocols

Specialized program on inherited and acquired thrombotic risk factor testing for coagulation specialists.

Sickle Cell Disease Management

Clinical program on sickle cell diagnosis, monitoring parameters, and complication assessment for healthcare providers.

Thalassemia Diagnosis and Monitoring

Comprehensive training on thalassemia variants, iron overload assessment, and chelation therapy monitoring.

Polycythemia Vera Investigation

Expert training on JAK2 mutation testing and diagnostic criteria for myeloproliferative neoplasm evaluation.

G6PD Deficiency Testing

Specialized program on glucose-6-phosphate dehydrogenase screening and confirmatory testing methodologies.

Molecular Hematology Techniques

Advanced training in PCR, sequencing, and molecular mutation detection for genetic hematology disorders.

Cytogenetics for Hematologic Malignancies

Expert program on chromosome analysis, FISH techniques, and cancer-associated translocations.

Point-of-Care Testing POCT

Training for rapid hemoglobin, coagulation, and glucose testing in bedside and clinic settings.

Blood Glucose and Hemoglobin A1c

Focused training on diabetes monitoring through glucose and HbA1c measurement for clinical staff.

Venipuncture and Phlebotomy Excellence

Hands-on certification program in proper blood collection techniques for phlebotomists and nurses.

Pediatric Hematology Considerations

Specialized training on age-appropriate reference ranges and collection challenges in pediatric patients.

Geriatric Hematology Assessment

Program addressing age-related changes in blood values and disease patterns in elderly populations.

CLIA Compliance and Regulations

Regulatory training on Clinical Laboratory Improvement Amendments requirements for laboratory certification.

CAP Accreditation Standards

Comprehensive program on College of American Pathologists standards and inspection preparedness.

ISO 15189 Medical Laboratory Standards

International standards training for laboratory quality management system implementation.

Medical Laboratory Technician Certification

Complete preparatory program for Medical Laboratory Technician national board examination.

Clinical Laboratory Science Specialization

Advanced certification preparation for Clinical Laboratory Scientists in hematology specialization.

Hematology Supervisor Leadership Program

Management training for laboratory supervisors covering staff development, budgeting, and quality oversight.

Laboratory Documentation and Records

Training on proper specimen labeling, result reporting, and medical record maintenance protocols.

Statistical Analysis in Hematology

Program on reference range establishment, statistical quality control, and data interpretation methods.

Troubleshooting Hematology Instrumentation

Advanced technical training for identifying and resolving common analyzer problems and error codes.

Anticoagulation Therapy Monitoring

Specialized program on warfarin, DOACs, and heparin monitoring using INR and anti-Xa testing.

Hemostasis and Bleeding Disorders

Comprehensive training on factor deficiencies, von Willebrand disease, and bleeding evaluations.

Transfusion Reaction Recognition

Clinical training on identifying and responding to acute and delayed transfusion complications.

Infectious Disease Serology in Blood

Training on blood screening for HIV, hepatitis, syphilis, and emerging infectious disease markers.

Immune Thrombocytopenia ITP Management

Specialist program on ITP diagnosis, laboratory assessment, and treatment monitoring protocols.

Disseminated Intravascular Coagulation

Advanced training on DIC pathophysiology, diagnostic criteria, and laboratory test interpretation.

Hematology Conference and Case Review

Collaborative learning program featuring case studies and expert-led discussions on complex diagnoses.

Emerging Hematology Technologies

Training on new diagnostic platforms, automated morphology recognition, and next-generation testing methods.

Rare Blood Disorder Recognition

Specialized program on uncommon hematologic conditions and diagnostic strategies for expert technicians.