

POST DOCTORAL

Certificate Course Hemato-Onco Pathology



Get trained by Eminent Faculty and
Experts in Specialised Diagnostics



mednxt

Post-Doctoral Fellowship & Certificate Programs



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Post-Doctoral Fellowship & Certificate Programs

at National Reference Laboratory (NRL)
Rohini, New Delhi

MedNxt is Dr Lal PathLabs's umbrella program for Post-doctoral Fellowship & certificate courses in specialised areas in the field of pathology.

The training programmes will be run onsite at their state of the art, **85000 sq ft National Reference laboratory, Rohini.**

The National Reference Lab offers highly specialised exposure in diagnostics incorporating cutting edge technology and vast test menu in Molecular Diagnostics, Next generation sequencing, Clinical Cytogenomics, FISH, Microarray, Digital Histopathology, Oncopathology, Transplant Immunology, Autoimmunity Diagnostics, Mass Spectrometry, Biochemical Genetics, Renal pathology and Transmission electron microscopy. The facility tests over **35000 samples** a day, running close to 90000 tests daily.

The program offers a unique opportunity to learn from the highly experienced faculty and get hands on experience while working with a team of over **60 pathologists** and research scientists and nearly **300 laboratory technologists.**

The students will also get to experience and learn best in class practices in diagnostics from the lab having Accreditations from the College of American Pathologists (CAP) and the National Board for Accreditation of Laboratories NABL for the extensive test menu of **over 3000 tests.** The In-house R&D unit at the National reference Lab is recognized by DSIR, Ministry of Science & Technology, Government of India.

The National reference lab has been training primary DNB Pathology candidates with excellent results over the last five years and now opens avenue to train in advanced, specialised fields in pathology through the MedNxt program.

ABOUT DLPL

Dr Lal PathLabs is India's Leading & Trusted Diagnostics Company

Founded in **1949 • 75+** years of Diagnostic Expertise

Established in 1949 by Late Dr. Major S.K. Lal, it has over **75+ years** of experience in providing quality healthcare diagnostics. It offers ~5000 tests & employs more than **4,000** personnel.



It is India's one of the largest Diagnostics chains with **30+ NABL** accredited Labs all over India

We have won many awards over the course of its journey. Some being: -



Hemato-Onco Pathology Fellowship Program

Why choose this program?

- Gain vital exposure & in-depth knowledge in Laboratory's best practices in Hemato-Onco pathology.
- Obtain Hands on training with one of the most advanced Pathology Lab setups in India.
- Learn/strengthen operational know how for Accreditations like ISO, NABL, CAP for Hemato-Onco Pathology.
- Exposure to wide range of high-end tests using most Advanced Technology Platforms.

Minimum Eligibility

MD/DNB in Pathology (degree must be obtained from recognized Institute.)

Who is this program for ?

- Ideal for Mid-career Pathologist looking to transition to specific branches.
- For pathologists wanting to update their knowledge & technical know-how as per the latest Lab Accreditations.
- Pathologist wanting to get hands on training on latest tests & best in Lab practices

Admission Procedure

Online Registration & profile submission on Registration link

<https://www.lalpathlabs.com/mednxt-fellowship-program>

Profile evaluation with statement of Purpose followed by personal interview of shortlisted candidates

COURSE DURATION
12 Months

COURSE Fees
INR 1,20,000

STIPEND Per Month
INR 50,000

Evaluation Procedure

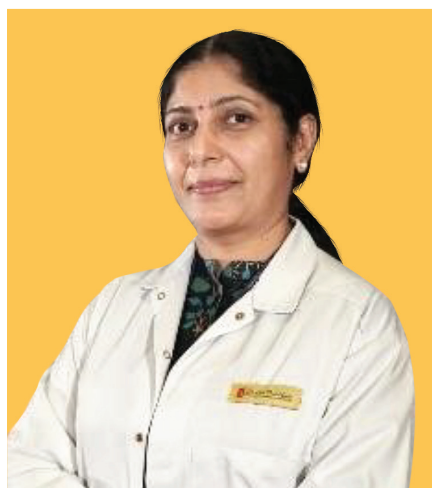
The evaluation methodology is at the discretion of the faculty and includes exams, internal evaluations, case log book evaluation, research project completion and performance at the summative examination.

A minimum of **75% attendance** is a prerequisite for the successful completion of this programme.

Participants will have to secure the minimum pass marks in the respective evaluation components.

For more information connect at
<https://www.lalpathlabs.com/mednxt-fellowship-program> or 8460133122

Program Directors



**Dr. Beena
Chandrasekhar**

Technical Director-Flowcytometry

Dr. Beena Chandrasekhar has done her **Ph.D. in Life Sciences from Jawahar Lal Nehru University, New Delhi, India**. She is currently working as Technical Director Flow Cytometry for more than twenty five years. She has an active participation in Laboratory management, strategic planning, and development of labs in the country. She is responsible for introduction of new tests post designing, validation, and standardization standardization in the Flow cytometry department. She guides various clinicians and chief of Labs regarding all the clinical tests, Conducts Continuing Medical Education (CME) sessions. She excels in Training & Development of Flow cytometry across functions. She is a Lifetime Member of The Cytometry Society of India and The Immunological society of India.



**Dr. Jaine
Nagarjun Sai**

**Consultant – Hemato-Oncopathology
& Flow Cytometry**

Dr. Jaine Nagarjun Sai is currently working as **Consultant, Hemato-Oncopathology & Flow Cytometry at Dr. Lal Path Labs, National Reference Laboratory, New Delhi**. He completed his MD in Pathology and Laboratory Medicine, followed by Senior Residency and Fellowship in Hematopathology from the prestigious All India Institute of Medical Sciences (AIIMS), Jodhpur With recognized expertise in bone marrow aspirate and biopsy interpretation, immunohistochemistry, flow cytometry, and molecular diagnostics, he also has extensive experience in benign hematology including coagulation disorders. He has multiple publications in indexed journals and has presented oral and poster presentations at various national and regional conferences. He has participated as faculty in flow cytometry workshops and is an active member of The Cytometry Society of India and the Indian Myeloma Academic Group (IMAGE).

COURSE CONTENT

1. Hemato-Oncology orientation and Laboratory work flow : (2 Months Posting)

- Orientation to all the tests in hematology (Peripheral Smear Examination, HPLC & Coagulation)
- Routine Processing and staining of bone marrow slides.
- Introduction to bone marrow reporting.
- Routine reporting of bone marrow aspirates, biopsies.
- Developing an understanding of haematological disorder to be able to conclude and provide a precise diagnosis. Also to be able to give necessary advice and help clinicians to decide further course.
- Integrated reporting: Correlation of bone marrow findings with other tests - flow cytometry, molecular and cytogenetic studies
- Interaction with clinicians /case discussions.

2. Flow cytometry: (9 Months Posting)

- Understanding the indications of flowcytometric immunophenotyping in hematology
- Processing & Quality Control of samples in flow cytometry
- Acquisition & analysis of samples, developing templates with morphology correlation.
- Reporting of routine cases and introduction to MRD analysis
- Case studies and case discussions

3. Cytogenetics: orientation: (2 Weeks Posting)

- FISH & Conventional cytogenetics: Introduction to processing/ procedures
- Application of FISH and CG in various haematological disorders
- Orientation to Interpretation and reporting of FISH results

4. Molecular diagnostics: orientation: (2 Weeks Posting)

To understand the molecular aspects related to the practice of hemato-pathology.

- RNA extraction and preparation of cDNA
- Various assays available in neoplastic haematological disorders and their clinical implications
- Orientation to Interpretation and reporting

COURSE CONTENT

5. Academic activities

- Presentations - Seminars, journal clubs, journal watch and case presentations.
- Attend 2-3 national/state/ local Hematology conference/workshop and present at least one paper / poster
- Undertake a short research project with the assigned faculty and complete it at least 1 months before the final summative assessment (Mandatory – Certification only after completion)
- Original article manuscript submission in a peer review reputed journal based on the research project (Mandatory – Certification only after submission)
- Publish at least two faculty supervised case reports/series in reputed peer reviewed journals during the fellowship.

GENERAL GUIDELINES Summary FOR MEDNXT – Post Doctoral Fellowship & Certificate Program

- You will be bound by all rules, regulations, office orders, quality controls, information security procedures, code of conduct and circulars in existence and framed by the company from time to time, which will form a part of your terms of candidature with us.
- You shall keep the Organization informed of your latest postal address and any communication sent to you by the Organization on your last known address shall be deemed to have been duly served notwithstanding the fact that you may have changed your address.
- You will be responsible for the safe custody of all possessions (documents, manuals and kits or any other property etc) belonging to the company that may be entrusted to you by organization.
- You will follow the confidentiality Clause, leave policy, POSH Act, IT Acts and any other code of conducts which would be applicable to you. The detailed guidelines along with code of conduct for each applicable Act/Law would be provided to you at the time of joining.
- There would not be any refund/adjustment of or for Fees paid by you.
- The management may withdraw or terminate your candidature by giving 15 days written notice without assigning any reason. Similarly, you may withdraw your candidature by giving 15 days written notice.
- In case of exit either voluntary or involuntary from the program all the assets either hard or soft provided to you have to be returned to the organisation, unless the organisation allows.
- The Candidature shall be governed and construed in accordance with the laws of India. It is agreed that any dispute of whatsoever nature between you and Management will be subject to exclusive jurisdiction of courts in Delhi.

Note :- A detailed information of all the applicable Laws/Act/Code of conduct would be provided at the time of joining.

Email Id :- MedNxt@Lalpathlabs.com | Mobile :- 8460133122

Registration Link :- <https://www.lalpathlabs.com/mednxt-fellowship-program>