DEVCON
Pathology for Next-Generation Healthcare

Dr Lal PathLabs

Technical Workshop on

Metabolomics for Precision Diagnosis of IMDs



28 November 2026, Saturday | 09:00 AM to 05:30 PM

National Refernce Laboratory, Dr Lal Pathlabs Ltd.
Block-E, Sector-18, Near Astha Kunj Society, New Delhi - 110085

ABOUT THE WORKSHOP

Offers highly specialized, one-day technical workshops tailored for MD/DNB Biochemistry and Residents. This program provides first-hand exposure to the processes, infrastructure, and advanced technologies involved in specialized diagnostics and an opportunity to expand expertise in superspeciality domains under guidance of renowned subject matter experts and experienced technical staff.

ABOUT MENTOR

- 20+ years of experience in Clinical Biochemistry.
- NABL Assessor; expertise in quality, accreditation and compliance.
- Led initiatives in Total Laboratory Automation, Patient Moving Average and CLSI AUTO10-based auto-verification; specialist in Prenatal Screening, NBS and IMD.
- Driving technology-enabled healthcare excellence through laboratory automation, informatics, innovation and mentorship across CAP- and NABL-accredited laboratories.
- Author of multiple scientific publications.



Dr. Nimmi Kansal
Director - Clinical Chemistry and Biochemical Genetics

WORKSHOP HIGHLIGHTS

EXPERT-LED Practical Learning
Hands-on, mentor-guided training sessions.

Exposure to Diagnostic Technologies
Mass Spectrometry & Metabolic Platforms

Real World IMD case discussion
Real-world IEM & metabolic case discussions

Expert Interaction and Q&A
Direct engagement with subject matter experts

Future Readiness
Skills for next-generation precision diagnostics

ABOUT THE DEPARTMENT (BIOCHEMICAL GENETICS)

- **Comprehensive Diagnostics:** Provides both routine clinical and highly specialised diagnostic services.
- **Inherited Metabolic Diseases (IMDs):** Specialised metabolic work-ups, enzyme assays, tandem mass spectrometry– based screening, and clinical interpretation support for rare genetic disorders.
- **Mass Spectrometry Services (LCMS-MS, TMS, GCMS and ICPMS):** High-resolution mass spectrometry for targeted and untargeted analysis, including:
  - Metabolic profiling
  - Steroid profiling
  - Trace Metal analysis
  - Therapeutic drug monitoring
  - Confirmatory testing for psychoactive substance

200K TESTS ANNUALLY

State-of-the-Art Laboratory

150+ TEST MENU

Accredited by CAP, NABL ISO 15189:2022

APPLICATION & SELECTION PROCESS

- Shortlisted candidates will be required to submit the fee of Rs. 1500/- post intimation from Dr Lal PathLabs.

A workshop on "Metabolomics for Precision Diagnosis of IMDs" – Fill out form

Scan to fill the form

Devcon@lalpathlabs.com | 9810563096 | www.lalpathlabs.com