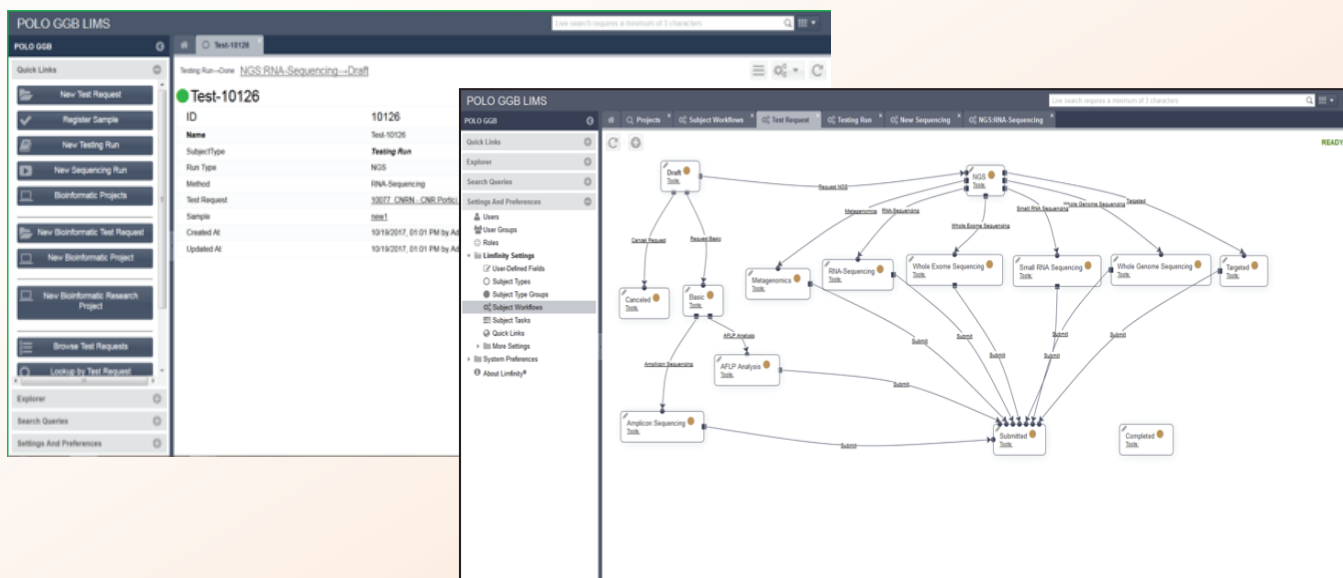


# Limfinity

NEXT GENERATION SEQUENCING EDITION



LIMFINITY<sup>®</sup> NGS PROVIDES NGS AND GENOMIC LABS THE BENEFITS OF SAMPLE TRACKING, WORKFLOW AUTOMATION AND INSTRUMENTS INTEGRATION. NGS LABS ARE THEN ABLE TO MANAGE AND TRACK DETAILS FROM SAMPLE SUBMISSION TO DATA ANALYSIS RESULTS. THROUGH THE GENERATION OF CUSTOMIZED REPORT, LIMFINITY<sup>®</sup> NGS PROVIDES INCREASED OPERATIONAL EFFICIENCY, PREVENTS ERRORS, AND PROVIDES MORE ACCURATE INFORMATION MANAGEMENT.

Limfinity® NGS interfaces with various instruments within the NGS facility, creating instruction files and importing final results. Reports created include the customer order details, sample handling inventory report, sample summary report, assay summary report, library prep report, sequencing results and bioinformatic pipeline report. Limfinity® NGS creates and stores information about reagent for use in performing various assays, calculates volumes or amounts needed, calculated dilution information and plate transfer information, validates reagent lot numbers, instrument maintenance days and working barcode identifications.

Direct Limfinity® NGS integration with analytical instruments (e.g., NanoDrop-8000 Spectrophotometer by Thermo Scientific, Qubit fluorometer by Invitrogen, CFX96 Real time PCR and T100 Thermal Cycler by Biorad, 2100 Bioanalyzer by Agilent, Fragment Analyzer by Advanced Analytical, Covaris M220, GeneChip Scanner 3000 by AffyMetrix) and with sequencing instruments (e.g., Miseq, NextSeq and HiSeq by Illumina, Ion Torrent by Thermo Fisher) significantly reduces the need for scientists to key in data manually. The NGS Laboratory now has just one instance where scientists have to manually enter sample data — when the lab receives the physical vials and loads said vials into 96-well plates. Once samples are labeled, scientists proceed with follow-up steps by scanning barcoded plates and following standardized drop-down workflow options presented by the LIMS. In addition, the LIMS integrated barcoding capability has not only reduced errors, but has streamlined downstream procedures, standardized labelling schemes and other factors.

#### Key features

- Registration of bio-specimens to be processing for NGS;
- Documentation for batch processing to generate bio-specimen derivatives, such as: DNA, cDNA, RNA, DNA Library, DNA Normalization, DNA Pool;
- Upload of DNA/RNA Quantification and quality control data
- Document and maintain inventory of bio-specimens, derivatives, and reagents
- Maintain and track the records for the instruments
- Sequencing Run workflow – documentation and tracking of analysis run meta-data
- Documentation and tracking of shipments
- Individual access portal where assignments can be displayed and processed
- Various inventory tools to document and track storage locations of bio-specimens, derivatives, and reagents

#### Limfinity® Benefits

- Go Paperless
- Standardize Nomenclature
- Simple Sign-On, Central Data Location
- Stop Re-Entering Data
- Automatically Entered Data Checks
- Automatic Data Distribution & Reporting



**RuRo**  
Laboratory Information Bliss™

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#### ABOUT RURO:

AT RURO, INC. WE GENERATE NOVEL IDEAS AND COMMUNICATE WITH THE PROSPECTIVE USERS OF OUR PRODUCTS TO CREATE TRULY THE BEST INNOVATIVE APPLICATIONS WHICH HAVE NO ANALOGS ON THE CURRENT SOFTWARE MARKET. WE ARE CONSTANTLY GROWING TO BETTER MEET THE NEEDS OF OUR CLIENTS. WE ARE CONSTANTLY REVIEWING THE MARKET NEEDS AND OBTAINING REGULAR FEEDBACK FROM CURRENT CLIENTS THROUGH SUPPORT AND MARKET RESEARCH.

#### COMPLIANCE/REGULATIONS:

- FDA 21 CFR PARTS 11, 21, 58, 210, 211, 820
- cGLP/cGMP (GOOD LABORATORY PRACTICE AND GOOD MANUFACTURING PRACTICE)
- SECTION 508 ACCESSIBILITY GUIDELINES
- HIPAA ACCOUNTABILITY ACT OF 1996
- HIPAA PATIENT SAFETY AND QUALITY IMPROVEMENT ACT OF 2005 (PATIENT SAFETY ACT)