

Nicole R. Nintean

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WORK EXPERIENCE

Molecular Technologist

2008 – present

Clinical Laboratory Partners, Hartford, CT

- Perform Cancer Genetics, Hereditary Disease, and Prenatal/Fertility Testing
- Proficient in traditional, quantitative, and multiplex PCR technologies
- Technical skills also include Capillary and Gel Electrophoresis, RFLP, Sanger Sequencing, FISH, and Affymetrix CytoScan HD microarray
- Familiar with Illumina CF-139 Next Generation Sequencing
- Utilize a variety of platforms including; Qiagen M48 Extractor, Qiacube Automated Extractor, Luminex 200 platforms, Applied BioSystems 3100/3500/3500XL Genetic Analyzers and 7500 Fast Real-Time PCR system, Qiagen RotorGeneQ, GenMark Dx eSENSOR, Affymetrix GeneChip, and Illumina MiSeq platform
- Complete assay development and validation summaries, write and uphold standard operating procedures (SOPs), and maintain equipment and instrumentation.
- Train new staff and students
- Update annual assay cost analysis, maintain just in time inventory costs and track department usage
- Responsible for weekly department testing schedule, Track assay repeats, Turn Around Times (TAT), and assay trends
- Organize and maintain department Safety Data Sheets (SDS)
- Maintain and update College of American Pathologist (CAP) checklist
- Utilize Microsoft Office, Sunquest, Surround Lab, CoPath, GeneMapper, Luminex IS 100 and Xponent Software, RotorGeneQ, SNP Manager, TDAS, Genotype Caller ID, 7500 Fast SDS Software, DNASTAR, GenMarkDx, CHAS

Student Internship

January 2008- July 2008

Dartmouth Hitchcock Medical Center, Molecular Pathology

- Director: Dr. Gregory Tsongalis
- Research project: FISH for amplification of TOP2A in borderline HER-2 amplified cases

EDUCATION

Professional Science Masters Degree in Applied Genomics

May 2010

University of Connecticut, Storrs, CT

Bachelor of Science, Diagnostic Genetic Sciences

August 2008

Concentration: Molecular Diagnostics

University of Connecticut, Storrs

PROFESSIONAL DEVELOPMENT

PROFESSIONAL CERTIFICATIONS

Certified Technologist in Molecular Biology
American Society of Clinical Pathology (ASCP)

April 2013 - present

PROFESSIONAL AFFILIATIONS

Molecular Pathology and Cytogenetic Department Safety Committee Member 2010–present
Clinical Laboratory Partners

Ebola Preparedness Technologist Committee Member 2014–present
Clinical Laboratory Partners