

Griffin Lyons

Summary

Diligent Research Assistant with 3+ years of experience contributing to scientific discoveries in the fields of molecular biology and immunogenetics. Specializes in clinical research, statistical analysis and biochemical assays.

Education

CORAL SPRINGS UNIVERSITY

Aug '11-May '15

Bachelor of Science in Molecular Biology

Experience

CRANE & JENKINS, Research Assistant

Jul '21 - Current

- Research small molecule therapies for genetic neurodegenerative and neuromuscular diseases to help develop new clinical assays
- Prepare genomic samples from raw DNA using Ion Torrent system for next-generation sequencing in a high throughput environment
- Perform molecular, nucleic acid and protein purification techniques like Western blots, cell cultures, DNA/RNA quantification and immunostaining on a daily basis
- Operate Biomek liquid handler system for automated pipetting

CLOUD CLEARWATER, Research Assistant

Aug '15 - Jan '21

- Developed research proposal on structure/function studies of muscle cell motility in collaboration with 6-person research team; secured \$20K federal grant
- Conducted Southern blotting analysis and end point PCR for genotyping transgenic mice
- Set up, calibrated and maintained laboratory equipment/apparatus, including centrifuges, homogenizers, pH meters and spectrophotometers

Skills

- Excel/PowerPoint
- ELISA biochemical assay