

Associate Scientist

Research & Development

AgriPlex Genomics was formed in 2014 with the goal of creating a platform for genotyping in large populations. We specialized in focused, simultaneous analysis of DNA samples in support of animal and plant breeders. Our proprietary PlexSeq technology allows us to partner with breeders and researchers to identify desirable traits, leading to healthier and more productive crops and livestock. The selected candidate will assist in the innovation and implementation of new assay development strategies, development of new PCR and DNA extraction technologies, and overall process improvements. We are currently seeking an Associate Scientist to help us with this important work.

Key Responsibilities:

- Develop/improve methodologies for high throughput implementation of crude DNA extraction and multiplex PCR
- Execute high throughput, robotically driven PCR and sequencing workflows
- Analyze NGS data using a range of bioinformatic tools and databases
- Plan, design, and execute research projects in line with AgriPlex Genomics' strategic vision
- Compile and summarize results; communicate results to supervisor and team members.

Minimum Requirements:

- **Masters Degree** in Biotechnology or related field
- Demonstrates independent research experience; proficiency in micropipetting and molecular lab basics
- Ability to work independently and within a team to achieve balanced progress on multiple, concurrent projects as dictated by internal demand and customer needs
- Ability to document wet-lab and in-silico work

Preferred Experience:

- Familiarity with Next Generation Sequencing (NGS) library preparation workflows
- Proficiency with data analysis using Microsoft Excel

LOCATION: University Circle, Cleveland, OH.

Learn more at www.agriplexgenomics.com