

Manager of Research and Development

AgriPlex Genomics, a leading provider of genotyping solutions to the plant and animal breeding industry (<https://www.agriplexgenomics.com/>), is seeking an experienced, collaborative Research and Development Manager with experience in Next Generation Sequencing and Molecular Biology to lead the development of new and/or improved genetic testing products for AgriPlex Genomics. Throughout development, the selected candidate will collaborate with other teams to ensure feasibility, improve product design, complete full-scale testing, and launch new products.

KEY RESPONSIBILITIES:

- Lead the development of new and/or improved genetic testing products
- Mentor and manage a team of scientists by providing direction, guidance, and support
- Participate in the management of project timelines from concept and feasibility testing through to product launch.
- Collaborate with other departments to develop product specifications, to develop supporting internal and external software tools, complete full-scale testing, and launch products
- Ensure quality and efficiency of experimental designs.
- Analyze and interpret experimental results and manage troubleshooting to ensure a focused research program that efficiently advances progress.
- Ensure project timelines are met.
- Validate the feasibility of research initiatives in regard to regulatory and legal requirements, and competing patent filings
- Present results to internal and external stakeholders and use input to improve product design and development
- Identify new product opportunities as well as opportunities to improve current products.
- Understand competing products and be mindful of shifts in customer needs and new technology that is driving the industry.

MINIMUM REQUIREMENTS:

- PhD in Molecular Biology
- 5+ year of industry experience
- 2+ years of management experience
- Experience with Next Generation Sequencing (NGS)
- Extensive experience with PCR-based techniques
- Understanding of bioinformatics and biostatistics and their application to genomics and molecular breeding of plants and animals (preferred).
- Strong collaborative mindset and excellent time management skills
- Excellent written and verbal communication skills
- Able to travel as needed to visit customers to present and discuss results or research initiatives