



101 Main Street; 15th Floor • Cambridge, MA 02142 • Tel: (617) 588-0653 • www.indigoag.com

SENIOR SCIENTIST – ASSAY DEVELOPMENT

The Senior Scientist at Indigo will be part of the Discovery team and direct and manage a small group focused on developing and optimizing assays for screening the beneficial effect of Indigo’s bacterial and fungal cultures in agricultural crops for a variety of conditions including biotic and abiotic stresses. The discovered strains will continue to enrich the discovery pipeline and result in commercial products.

OUTCOMES

1. Direct the development and optimization of in vitro and in planta assays to reveal desirable plant phenotypes in selected crops in response to product candidates
2. Coordinate the pipeline operation for selected crops and integrate with other on-going assays in other crops and other departments
3. Report pipeline status and update middle and senior management on a periodic basis and make recommendations for product nominations
4. Define experimental set up and priorities for strain characterizations including “omics” analyses
5. Actively participate in the hands-on assay validation and screening
6. Contribute significantly in the strategy and priority setting for internal and external operations

COMPETENCIES

- PhD degree and preferably 5-10 years academic and/or industrial experience in one or more areas related to plant biology, plant-microbe interactions or environmental microbiology
- Experience in a biotech setting strongly desired
- Demonstrated experience assay development of plant assays to measure responses to biotic and abiotic stresses
- Extensive experience working with growth chamber and greenhouse assays for plant responses to biotic and abiotic stresses
- Organized, methodical, and meticulous Excellent verbal and written communication skills
- Demonstrated leadership skills

LOCATION

- Cambridge MA but location may change.