

JOB DESCRIPTION

Title: Scientist, Plant Tissue Culture and Transformation
Location: Davis, CA
Division: Agricultural Biotechnology Division (ABD)
Department: 91005 – Transformation & Cultivation
Reports to: Associate Director, Plant Tissue Culture and Transformation
Status: Exempt / Full Time
Created / Edited Date: January 19, 2016

MISSION STATEMENT: To create a better world through BetterDNA™.

POSITION SUMMARY

Intrexon Corporation is seeking highly motivated, multi-disciplined research scientists (at all levels) with exceptional plant tissue culture, cell biology and analytical skills for our growing Agricultural Biotechnology Division (ABD) at Davis, California. The candidate will be responsible for project planning as well as development and execution of innovative methodologies in plant cell biology, tissue culture, regeneration, and transformation. The successful candidate will have hands on experience with state-of-the-art technologies for plant tissue culture system development and knowledge of plant biotechnology and molecular biology. Candidates with demonstrated expertise in establishing novel transformation systems, and experience in working with collaborative, cross-functional projects are strongly encouraged to apply.

DUTIES AND RESPONSIBILITIES

- Be a key member of ABD cell biology team and work in partnership with genome engineering / gene editing team members to innovate, implement, and advance multiple plant transformation platforms.
- Work cooperatively with other scientists to develop transient expression assays and other assays to enable rapid evaluation of large numbers of transgene expression constructs.
- Utilize published literature to identify techniques and strategies to create more efficient methods of introducing transgenes and create genetically stable transgenic lines.
- Manage and track projects within the R&D pipeline. Write comprehensive reports and prepare PowerPoint presentations for internal and external colleagues, partners and customers.
- Perform other duties as assigned by supervisor.

EDUCATION AND EXPERIENCE

- BS, MS or Ph.D. with at least three (3) + years of successful experience in *in vitro* micro-propagation, transformation technology development using protoplast, *Agrobacterium* and micro-particle bombardment.
- Hand-on-experience with vegetable crops and hardy fruit tree species, especially using single cell based transformation system.

DESIRED KEY COMPETENCIES

- Highly organized and proactive.
- Demonstrates the highest ethical standards, trustworthiness and has a high degree of personal responsibility.
- Ability to work creatively and efficiently in a fast-paced, start-up company environment.
- Ability to solve practical problems and deal with a variety of technical challenges.
- Excellent planning and execution skills. High degree of accuracy and attention to detail.
- Ability to communicate effectively with team members, collaborators and management.
- Positive attitude, good interpersonal skills and high ethical standards.

POSITION DESCRIPTION ACKNOWLEDGEMENT

This position description is designed to provide an Employee with a basic understanding of the essential functions, duties, and responsibilities entailed in the performance of their job with the Company. It is not intended to be all-inclusive. This description is not an employment contract, either expressed or implied. Employment with the Company is subject to the doctrine of employment-at-will and may be terminated at any time and for any reason, with or without cause, by either the Company or the Employee. Job functions and responsibilities are subject to change. This job description is the property of the Company.

This is to certify I have reviewed and received a copy of the Position Description of the job that I have been selected to perform with the Company. I understand by signing this acknowledgement, I am to successfully execute the duties and responsibilities of the job, and that I am able to perform the essential functions of the job with or without reasonable accommodation.

Supervisor Signature and Printed Name

Date

Employee Signature and Printed Name

Date

Human Resources Signature and Printed Name

Date