

Integrated DNA Technologies

ID 2017-3183

Job Locations US - CA - Redwood City

Category Research & Development

of Openings 1

Shift/Schedule M-F 40 Hour Week (United States of America)

Overview:

We are looking for a highly motivated product development scientist to join IDT's R&D group. The new team member will lead the development and characterization of new genomics products mainly in NGS and qPCR, to help create cutting edge, robust new products and assays for basic research, agricultural, and clinical applications.

The Staff Scientist conducts bench scientific experimentation that advances the basic science of nucleic acids and nucleic acid biochemistry and leads with development and characterization of new IDT genomics products. This position is responsible for planning, executing and communicating genomics projects, customer support tasks as R&D lead and participating external scientific collaborations.

Responsibilities:

Position Specific Duties/Essential Functions

- Lead or participate new product development in NGS and qPCR
- Design and execute product development studies including feasibility, optimization and testing
- Present qPCR or NGS poster, talk or webinar in a scientific conference or customer site
- Actively participate in external technology assessments and collaborations to develop new products
- Accomplishes individual goals and collaborates with other team members to meet pre-determined project deadlines

Job Specific Duties/Essential Functions

- Supervises and directs staff which would include employee hiring, training, evaluations, and discipline.
- Applies extensive scientific knowledge with broad laboratory skills to execute complex bench experiments using a variety of molecular biology, cell biology, biochemical and general laboratory techniques as directed.
- Develops an experimental plan, independently, to move projects forward.
- Analyzes raw data, organizes results and plans the next steps and implements.
- Develops creative solutions to complex problems, drawing on extensive knowledge of science and bench laboratory experience.

- Leads complex projects that may require a multi-member team.
- Utilizes mathematical, graphical, imaging, nucleic acid analysis and other software aids as needed.
- Operates and maintains laboratory equipment.
- Maintains accurate and detailed records of experimental work.
- Presents experimental results, data analysis, or prior art evaluations at group meetings as directed.
- Directs preparation of technical reports for internal and external use; assists SciCom in preparing formal protocols for public display or distribution.
- Assists in filing invention disclosures, writing patent applications and manuscripts for publication.
- Provides, on a routine basis, scientific support for other IDT departments; assists customer service/technical support with direct customer interaction and helps manage or lead external collaborative research projects as directed.
- Assists with general scientific and specific new product training for other IDT groups.
- Introduces new techniques into the research group which have not previously been used at IDT. Participates new technology assessment.
- Represents IDT at scientific conference and trade shows, prepare and present scientific posters and/or podium presentations.
- Supervises and directs staff which would include employee hiring, training, evaluations, and discipline.
- Demonstrates behavior consistent with the Integrated DNA Technologies Core Values.
- Performs other duties as assigned.

Education, Licensure, Certification, Registration

- Bachelor's degree (in Biology, Genetics, Chemistry or a related life sciences field) with ten or more years relevant lab experience required
- Master's degree (in Biology, Genetics, Chemistry or a related life sciences field) with eight or more years relevant lab experience preferred
- PhD degree (in Biology, Genetics, Chemistry or a related life sciences field) with six or more years relevant lab experience preferred

Professional Experience

- Proficiency in a variety of PC software programs with strong working knowledge of Microsoft Office required.
- Applies statistics for DOE during research and product development activities required.
- Previous experience with public speaking preferred.
- Strong publication record in peer-reviewed journals preferred.
- Extensive knowledge of IDT products and product lines preferred.

Other Qualifications

- Ability to train others in basic laboratory techniques and equipment operation.
- Strong organizational skills and attention to detail.
- Ability to multitask and maintain several projects at one time.
- Good verbal and written communication skills.
- Ability to communicate with peers and all levels of management.

Integrated DNA Technologies is an equal employment and affirmative action employer. Minorities, women, veterans, and individuals with disabilities are encouraged to apply.

Apply Here: <http://www.Click2apply.net/gddxk698ty9h9qpj>

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