



Bioinformatics - Scientist/Senior Scientist/Associate Director

Predicine Inc., Hayward, California
Job ID: 00007

Who We Are

Predicine Technologies is a Silicon Valley-based biotech startup company focusing on precision diagnostics and medicine in cancer and other serious illnesses. We aim to provide innovative non-invasive diagnostic tests to enable precision medicine. At Predicine, we believe that people are our most vital assets and we are dedicated to creating a great place to work. We value a culture of innovation, integrity, responsibility, productivity, and teamwork, and invite people who share the same values to join us.

The Position

We seek a highly motivated and talented scientist to work within Bioinformatics to build, optimize and maintain computational workflows that enable the approval of next-generation sequencing (NGS) in diagnostics and precision medicine. This position requires an adaptable scientist to address the many demands of technology development, biomarker validation, software prototyping and working with multiple stakeholders across disciplines. This position provides broad exposure to diverse clinical and analytical problems. The successful candidate is expected to effectively develop and execute on innovative projects, publish exciting research in high quality scientific, technical or medical journals, present at professional meetings and promote collaborative efforts to push precision translational sciences forward. This individual is expected to be, or develop into, externally recognized expert in precision diagnostics and medicine.

As a Scientist/Senior Scientist/Associate Director, you are expected to:

- Design studies and analyze data to optimize NGS workflows across a range of applications and sample types including tissue and liquid biopsies
- Rapidly prototype or adapt Bioinformatic workflows for biomarker validation, assay development and analysis automation
- Provide bioinformatics support in matters of equivalency testing, assay migration, analytical and clinical validation
- Work with experimentalist to build and optimize NGS procedures such as sample management, extraction, library preparation and sequencing

Who you are

In adding new members to our team, we look for people who are also inspired by our mission and who would fit in well with the collaborative, rigorous and entrepreneurial spirit of the company culture. Because we know that people are critical to our success in bringing novel diagnostics and medicines to patients, we are dedicated to creating a great place to work and to providing our people with programs, services and benefits that would allow them to bring the best to the business and to their personal and professional growth.

- Significant experience with NGS platforms and NGS analysis pipelines
- Expert knowledge of R (Bioconductor) and a scripting language such as Python/Perl.
- Previous experience working in a high performance computing environment, cloud computing and Docker is a plus.
- Familiar with oncology and genetics is a plus
- Ability to lead, influence and motivate others, and to distill complex issues and clearly articulate solutions
- Self-starter, proactive, and dedicated. Outstanding organizational, time management, and people interaction skills
- Demonstrate initiative, strong attention to details, flexible and willing to multi-task in a rapidly evolving scientific context
- Effective verbal and written communication skills are a must
- PhD (or MS > 3 years) in bioinformatics, computer science, physics, mathematics or a related discipline.

This is an exciting opportunity to participate in, and to enable, our vision of transforming healthcare through development of innovative technologies. If you are looking for opportunities to accelerate your growth and the growth of a company, and to make a positive and immediate impact on the society, please submit cover letter and resume to: contact@predicine.com.

Predicine is an Equal Opportunity Employer.