



Job Title: Principal Research Scientist

Job Summary

Principal Research Scientist will conduct a range of scientific research to develop theoretical models and expand our technologies. He/She will apply this research to create new products with expanded uses related to hematology and/or infectious diseases. The candidate will develop strong scientific and collaborative relationships with partners and customers in the industry and monitor technology trends to help guide the development of new products and technology. As someone having in-depth product knowledge and fundamental technical expertise, the Principal Research Scientist will work to improve, promote, support, and facilitate transitioning technologies from the lab into the market place. The candidate should possess excellent organizational skills and the ability to multi-task and maintain a high level of professional expertise through familiarity with scientific literature and may participate in conferences and professional societies.

Duties and responsibilities

- Provide technical leadership and expertise in initiating and executing multi-disciplinary projects that impact Drucker Diagnostics
- Perform research, as a key stakeholder in the product development life cycle, to define product specifications and requirements by focusing on bringing value to the customer and/or end user through a deep understanding of Drucker Diagnostics products and working closely with and directing cross functional teams
- Lead development of new science and new technology to create opportunities for new product offerings or penetrating new markets by working with customers and partners both inside and outside the organization
- Lead and collaborate closely with technical teams to ensure that the product solution and requirements meet the customer needs and act upon opportunities to develop and monitor product evaluation efforts (e.g. third party research) and develop new ways to exploit current product offerings
- Organize, collaborate and monitor to completion, projects with outside researchers or technical experts regarding studies involving the field evaluation or diagnostic evaluations of current or future products
- Define project scope, goals and deliverables that support the organization's goals for product offerings

- Create and maintain project plan, a project spending plan, and project financial justification
- Develop funding channels for grants, SBIR's, and other sources to support and expand research and development capabilities
- Participate in scientific conferences and contribute to scientific journals
- Develop expertise across a wide range of techniques and their application
- Recognize and document activities for publication and/or patent potential
- Maintain rigorous scientific records of research activities and experimental results
- Conduct all projects with a view to meeting applicable budgetary and schedule constraints imposed
- Design experimental plan to support project objectives and develops method, techniques, and evaluation criteria for obtaining results
- Execute bench experiments; make detailed and general observations and analyze data
- Coordinate product completion through basic research, design, prototype development, and Beta testing

Supervisory responsibilities

- None

Qualifications

To perform the job successfully, an individual should demonstrate the following competencies to perform the essential functions of this position:

- Leadership – the individual inspires and motivates others to perform well; accepts feedback from others; builds organization-wide relationships and influences others to move initiatives forward
- Communication – the individual is able to clearly and concisely communicate complex topics to raise awareness and understanding, demonstrates strong presentation skills and effectively conducts meetings
- Analytical – the individual synthesizes complex or diverse information. Must have the ability to strengthen the use of data in the organization
- Problem Solving – the individual identifies and resolves problems in a timely manner and gathers and analyzes information skillfully. Must have ability to think outside of the box and to encourage the same thinking among team members
- Delegation – the individual delegates work assignments, gives authority to work independently, sets expectations and monitors delegated activities

- Management skills – the individual includes staff in planning, decision-making, facilitating and process improvement; makes self available to staff; provides regular performance feedback; and develops subordinates' skills and encourages growth
- Judgment – the individual displays willingness to make decisions, exhibits sound and accurate judgment and makes timely decisions
- Planning/organizing – the individual prioritizes and plans work activities, uses time efficiently and develops realistic action plans.
- Ability to drive change – the individual possesses the ability and strength to attack the status quo; sustains long term change process, builds commitment by explicitly laying out a clear change road map and monitors progress

Education and Experience

- Masters degree (Doctorate preferred) in scientific/technical field
- Experience in medical device research a strong preference
- Experience in writing awardable grant proposals a strong preference

Skills

- Excellent written and verbal communication
- Ability to present information to all levels of employees and outside partners
- Proficient in Microsoft Office (PowerPoint, Excel, Word, etc)
- Proficient with project planning tools such as Microsoft Project preferred
- Basic PC (non-programming) skills

Physical Demands

- Sitting 6+ hours per day
- Standing, less than 2 hours per day

Work Environment:

- Office and Laboratory environment

Travel Requirements:

- Frequent international and domestic

About this company

Drucker Diagnostics was recently formed by the merger of QBC Diagnostics and The Drucker Company. Our centrifuges accommodate testing needs in medical, research and industrial laboratories. The Horizon line of centrifuges incorporate an exclusive and patented horizontal rotor allowing for quick and easy sample loading with complete horizontal separation. We also provide hematology and parasitology products for a number of diverse markets and applications. The STAR Dry Hematology System is the world's only dry hematology system providing easy and simple operation. The Paralens microscope attachment provides a low cost, portable fluorescence microscopy solution for accurate and sensitive diagnosis.

With a distribution network that operates in over 50 countries, our employees and partners are dedicated and committed to provide innovative solutions for healthier world.



QBC STAR



Autoread Plus



ParaLens Advance



QBC Tubes



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SampleSafe Lock Box



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