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| <i>Job Description</i> |  | |
| <i>Title</i> Scientist/Senior Scientist ImmunoINTEL | | |
| <i>Department</i> Research & Development | <i>Reports to: Vice President, Head of ChemoINTEL ImmunoINTEL</i> | |
| | <i>Supervises: Yes</i> | |
| <i>Effective Date: January 13, 2017</i> | <i>Page: 1 of 3</i> | <i>FLSA: Exempt</i> |

Position Overview

Pierian Biosciences is an emerging biotechnology company specializing in cutting edge technologies utilizing molecular based clinical assays to generate actionable data for improved patient outcomes. We are currently focused on the ChemoINTEL, ImmunoINTEL, and PathwayINTEL technology platforms for use in our clinical assay development and FDA validation studies with the primary emphasis in oncology.

Under the direction of an assigned Director or Vice President (VP), the Scientist will perform all required Immuno Oncology assay development experiments and process improvement activities in accordance with established procedures to meet all Good Laboratory Practices (GLP) regulatory requirements set forth in the FDA guidelines. She/he will work closely with manufacturing, clinical, and quality staff to foster a team atmosphere striving for continued technical innovations, process improvement and centers of excellence.

Essential Job Functions

- *Initiates, directs, and executes scientific research and development that is critical to corporate strategies and image in conjunction with the larger development team*
- *Investigates the feasibility of applying a wide variety of scientific principles and concepts to potential inventions, projects, and problems*
- *Maintains a broad knowledge of state of the art principles and theories*
- *Plans and executes laboratory research and development*
- *Writes and reviews study plans and reports related to assay/reagent development and optimization*
- *Makes contributions to scientific literature and conferences and acts as a spokesperson for corporate research and development*
- *Manages and participates in the professional development of research and development staff*
- *Responsible for interfacing between various departments to ensure optimal efficiencies between operations, manufacturing, and Quality Assurance (QA)*
- *Acts as a project leader*
- *Acts as advisor to top management and customers on advanced technical studies and applications*

Non-Essential Job Functions


- *May be required to write, review, and update SOPs, tracking logs, and material/reagent specifications under design control processes*
- *Material ordering, receiving, and inventory control processes*

Technical Experience Requirements

- *Scientist: Minimum of five (5) years' industry experience with molecular based clinical assays with an emphasis on fluorescent/luminescent based platforms (flow cytometry,*

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- IHC, ELISA and Luminex experience a definite plus)*
- *Senior Scientist: Minimum of eight (8) years' industry experience with molecular based clinical assays with an emphasis on fluorescent/luminescent based platforms (flow cytometry, IHC, ELISA and Luminex experience a definite plus)*
- *Scientist: Minimum of two (2) years' experience supervising other lab personnel*
- *Senior Scientist: Minimum of five (5) years' experience supervising other lab personnel*
- *Expertise in cell signaling pathways, apoptosis and immuno-oncology desired*
- *Prior experience operating under GMP, GLP, and GCP regulated environment desired*
- *Prior experience conducting clinical validation studies, clinical trials, and/or submissions for FDA 510k and PMA clearance is desirable*


Education Requirements

- *Masters or PhD in one of the Life Sciences; immunology, cell biology, genetics, molecular biology, biomedical engineering, or biochemistry preferred*

Knowledge, Skills, and Abilities (KSAs)

- *Leadership, integrity, and initiative abilities*
- *Effective communication skills*
- *Essential reading, research, and writing skills*
- *Critical thinking, judgment, and decision making skills*
- *Writes and approves all laboratory SOP, batch records, and reagent specifications*
- *Defines, implements, and reviews all laboratory staff proficiency and competency testing*
- *May delegate non-essential functions as appropriate*

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization. Pierian Biosciences is an Equal Opportunity Employer with a strong commitment to the achievement of excellence and diversity.

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PHYSICAL REQUIREMENTS CHECK-OFF FORM

Check off only the physical abilities that can be directly related to the essential functions of the job. (**Caution:** Make sure you are not setting stricter requirements than for similar workers already employed.)

| Job Title: ImmunoINTEL Scientist/Senior Scientist | | | | |
|---|----------------|------------------------------|-------------------------|---------------------------|
| Physical Activity Required | Amount of time | | | |
| | None | Less than 1/3 (Occasionally) | 1/3 to 2/3 (Frequently) | More than 2/3 (Regularly) |
| Standing | | | X | |
| Walking | | | X | |
| Sitting | | | X | |
| Fingering or manual dexterity | | | | X |
| Repetitive finger motion | | X | | |
| Lifting or exerting force | | X | | |
| Up to 10 pounds | | X | | |
| Up to 25 pounds | | X | | |
| Up to 50 pounds | X | | | |
| Up to 100 pounds | X | | | |
| Over 100 pounds | X | | | |
| Reaching or stretching | | X | | |
| Climbing or balancing | X | | | |
| Crouching or stooping | | X | | |
| Speaking | | | | X |
| Hearing | | | | X |
| Seeing (with correction) | | | | X |

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