

## **Lead R&D Scientist**

Aspira Women's Health is seeking a driven Scientist / Manager to contribute to the Innovation's team development of cutting edge molecular diagnostic technologies. This position will report to the Senior Director of Research and Development and will play an active role in the evaluation and implementation of new technologies.

### **Major Areas of Responsibility:**

- Work closely with the Senior Director of R&D on new assay development as it pertains to molecular diagnostic techniques
- Work closely with the Senior Director of Data Sciences and Bioinformatics on software development requirements as it pertains to the assay qualifications.
- Perform wet-lab experiments for development and validation of sample processing protocols
- Perform execution and analysis of experimental research projects in molecular genetics techniques
- Perform validation protocols on finalized developed tests
- Utilize and maintain a range of laboratory equipment, introducing new equipment and techniques where necessary during product development
- Experience in managing stability, shelf-life and extended shelf-life on reagents
- Provide the Senior Director of R&D communication of status of test development efforts
- Participate in planning, monitoring and documentation of assay validation studies leading to successfully commercialization of new products
- Able to manage multiple projects and work streams in the lab
- Contribute to defining new diagnostic targets and products
- Review literature and translate methods and applications into R&D protocols
- Ability to seek new vendors for alternate reagents and cost-savings

### **Education and Experience Requirements**

- Bachelor's Degree in a scientific field from an accredited institution with minimum of three-plus (3+) years of related experience.
- PhD or Masters in Biological Sciences preferred.
- Strong knowledge and experience in molecular techniques including nucleic acid extraction, qPCR, NGS, etc.
- Hands-on next-generation library preparation experience highly preferred.
- Experience working with miRNA is a plus.
- Experience working with LIMS system is a plus.
- Experience working with liquid biopsy technology is a plus.
- Basic understanding of bioinformatic tools for NGS data analysis is a plus.
- Ability to troubleshoot assays and interpret complex data in an independent fashion.
- Ability to keep a detailed experimental notebook.
- Strong communication and interpersonal skills, both verbal and written.
- Ability to multitask and meet deadlines in a fast-paced environment.

- Strong sense of ethical and moral attitudes necessary for maintaining the confidentiality of patient information.
- Ability to work overtime hours, as required.
- Ability to read, understand, and follow SOPs, validation protocols, etc. and to complete documentation in a clear, accurate manner.
- Willingness to continually self-educate.

Aspira Women's Health, Inc. (formerly known as, Vermillion inc., Nasdaq: VRML) is transforming women's health with the discovery, development, and commercialization of innovative testing options and bio-analytical solutions that help physicians assess risk, optimize patient management, and improve gynecologic health outcomes for women. ASPIRA is particularly focused on closing the ethnic disparity gap in ovarian cancer risk assessment and developing solutions for pelvic diseases such as pelvic mass risk assessment and endometriosis. OVA1® plus includes our FDA-cleared products, OVA1®, and OVERA® to detect risk of ovarian malignancy in women with adnexal masses. ASPIRA GenetiXTM testing offers both targeted and comprehensive genetic testing options with a gynecologic focus. With over 10 years of expertise in ovarian cancer risk assessment, ASPIRA is delivering a portfolio of pelvic mass products over a patient's lifetime with our cutting-edge research. The next generation of products in development are OVASightTM and EndoCheckTM. Visit our website for more information at [www.aspirawh.com](http://www.aspirawh.com).