

POSITION: Product Development Manufacturing Associate

DESCRIPTION: As a member of a number of cross functional project teams, the product development/manufacturing associate works in a research lab and a biosensor manufacturing environment and performs various tasks related to product development and manufacturing, including but not limited to reagent acquisition and preparation, developing, trouble shooting and running assays, data processing, and documentation, and lab maintenance. The product development/manufacturing associate manufactures sensors and chips for use in research and diagnostic environments.

KEY RESPONSIBILITIES: Under general direction:

- Manufacture consumables (assay reagents, bio-sensors and microarrays) according to established SOPs;
- Ensure that consumable goods are prepared and packaged in a timely manner according to established SOPs;
- Conduct quality control testing for manufactured consumables;
- Contribute to the design of protocols for gene expression and protein assays;
- Participate in improvement of existing manufacturing processes and development and qualification of new processes;
- Develop, optimize, verify and validate assays under design control;
- Purify, QC and amplify RNA from clinical samples;
- Analyze gene and protein expression profiles using microarrays and real-time immunoassay;
- Prepare formal reports documenting experimental results, device and assay designs and verification tests;
- Maintain lab and manufacturing records, per established procedures;
- Maintain a neat and safe work area;
- Perform other duties as may be assigned from time to time.

KNOWLEDGE REQUIRED:

- M.Sc. in molecular biology, biochemistry, immunology or related scientific discipline, along with 2-3 years related laboratory experience, OR an equivalent combination of commercial experience and formal education;
- Working knowledge of RNA, DNA and proteins;
- Working knowledge of appropriate regulatory requirements (cGMP, ISO, workplace safety) highly desirable.

SKILLS/COMPETENCIES REQUIRED:

- Hands on experience in molecular biology techniques for gene expression
- Practical experience with protein immunoassays;
- Experience with microarray technologies and techniques;
- Strong scientific/technical aptitude;
- Strong interpersonal, oral and written communication skills;
- Ability to multi-task in a time efficient manner;
- Attention to detail;
- Ability to implement design controls, verification and validation strategies in compliance with relevant regulatory guidelines and with minimal supervision;
- Proficient in Microsoft Office tools (Excel, Word, Project, PowerPoint).

EXPERIENCE PREFERRED:

- 2-5 yrs. research lab experience, preferably in an industrial biotechnology or diagnostic company operating in a regulated manufacturing environment;
- Practical experience developing diagnostic gene expression or immunoassays an asset;
- Hands on experience with contact microarray printing technology;
- Hands-on experience in running and troubleshooting RNA/DNA/protein assays;
- Experience operating in an ISO certified environment highly desirable.

KEY ATTRIBUTES:

- Ability to work independently and in a team environment;
- Continuous learner with a keen appetite for cross-disciplinary work both independently and as a team member;
- Passion for science at the bench level;
- "Can do" attitude; entrepreneurial thinking and work ethic.

TO APPLY for this position, please submit a resume in confidence to: jobs@axela.com or directly to j.harack@axela.com. We thank all applicants for their interest. Due to the volume of applications, only those selected for an interview will be contacted.