

Manufacturing Assembly Technician

Description

Xilis, Inc. is an innovation-driven biotech company developing its proprietary MicroOrganoSphere (MOS) Technology for functional precision oncology. Xilis MOS Technology enables rapid and scalable generation of patient tumor models that retain patient-specific tumor biology and tumor microenvironment, representing one of the most translationally-relevant ex vivo technologies for precision oncology drug discovery and development. Located in Research Triangle Park, Durham, NC, Xilis is building a functional precision medicine platform that incorporates scaled multi-modal profiling of therapeutic activity and AI/ML-enabled analytics to catalyze functional precision medicine drug discovery, development and diagnostics. Collectively, Xilis aims to harness its MOS Platform to enable development of the most effective therapeutics and guide them to the right patients at the right time. The candidate will be a member of the Device Engineering team and will be a key contributor to successfully growing our business. The Manufacturing Assembly Technician (contract) will follow assembly drawings, instructions, and bill of materials to assemble our primary instrument and produce related consumables used in its operation. This is a unique opportunity to apply skills and experience in a business that will revolutionize cancer patient care. We are looking for an individual who has a strong mechanical assembly and wiring background to help build, test, and inspect Xilis primary instrument, along with manufacturing and assembly of custom instrument consumables. The instrument is a benchtop medical laboratory device built from over 1500 custom and off-the-shelf parts, and the wiring consists of crimping pins, soldering, and assembling connectors for dozens of custom cables. We work in a fast-paced environment and are continually improving the design and performance of systems. Participating in the development and advancement of our instrument by making suggestions and applying previous experience is encouraged and appreciated.***This is a 6-12 months contract opportunity***

Responsibilities

- Assemble instruments according to the assembly drawings and instructions, ensuring that parts and subassemblies are manufactured correctly and fit properly when putting the product together.
- Manufacturing of instrument consumables through use of laser cutters and micro-CNC machines.
- Ensure that parts and products meet quality standards by following established guidelines to measure, test and inspect the product assembled.
- Test finished products for defects and perform installation quality checks.
- Requisition parts and materials on the approved Bill of Materials for instrument assembly.
- Manage inventory following established guidelines and procedures including labeling and locating parts, picking parts from appropriate locations in specified quantities to fill kits or bins, delivering parts to work areas, and recording and communicating inventory levels.
- Maintain a clean and organized work area and maintain all equipment according to maintenance plans and established procedures.
- Mechanical assembly of small components.
- Examine connections for correct fit.
- Familiarity with basic electronic assembly or previous experience is required.

Requirements

- High school diploma or general education degree (GED)
- 4-6 years related experience and/or training assembling complex instruments (electronics, mechanical sub-assemblies, pneumatics or other); or equivalent combination of education and experience
- Must have the ability to problem solve and troubleshoot problems both independently and as part of a team.
- Follow technical instructions, interpret engineering blueprints and technical terms
- Be a collaborative team member
- Work independently with limited amount of supervision
- Ability to create and maintain detailed and accurate documentation
- Ability to lift 50lbs
- Ability to stand for the majority of an 8 hour day

Xilis was created when its three founders, an engineer, a physician, and a biologist, decided to come together and commercialize their technology to transform cancer care. We are committed to

Hiring organization

Xilis, Inc.

Job Location

Durham, NC

Base Salary

\$ 95000 - \$ 125000

Date posted

May 13, 2024

[Apply Now](#)

building a team that represents a variety of backgrounds, perspectives, and skills. We do not discriminate on the basis of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity, or Veteran status. Furthermore, even if your work experience isn't perfectly aligned with what we've described above, if you're excited about what we're building then we want to talk to you! Xilis offers comprehensive health, vision, dental & retirement plans, and unlimited PTO. We are a remote-friendly team: our headquarters are in Durham, North Carolina, but we have team members across the US (and beyond!). Please mention the word ****SATISFIES**** and tag `RMzQuODYuMTYzLjE1Mg==` when applying to show you read the job post completely (`#RMzQuODYuMTYzLjE1Mg==`). This is a beta feature to avoid spam applicants. Companies can search these words to find applicants that read this and see they're human.

Contacts

Job listing via RemoteOK.com