

## **The Pistoia Alliance is looking for a Quantum Programme Lead**

The Pistoia Alliance is a member-driven, non-profit, life sciences industry group dedicated to advancing innovation in life science R&D through pre-competitive collaboration. Its membership is drawn from biopharma, technology companies & software vendors, publishers, consulting practices, academics, and government institutes. The Pistoia Alliance operates as a virtual organization, advancing its mission primarily through member-driven projects & communities, while also hosting webinars, conferences, innovation challenges and networking events.

### **Role**

The Programme Lead will manage and coordinate all activities in the Quantum space. These activities include the management of our Quantum Community of Interest, identification of projects from this community, and management of the technical and service-based aspects of these projects.

### **Quantum Overview**

Our recent 2030 strategy report, “2030 – Life Science and Healthcare go Digital” has indicated the potential for Quantum Computing to have a profound impact on the life sciences sector, with those organizations that do build a quantum advantage set to have significant outcomes in the areas of ab initio drug design, precision medicine, genomic and proteomics correlation, supply chain for clinical trials, manufacturing, and finished medicines distributions.

To ensure our members are well-positioned to take advantage of these known, and potential unknown use cases, the Pistoia Alliance has come together with QuPharm, QED-C and QParc to form a Quantum Computing community of interest.

The objectives of the Community of Interest are as follows:

1. To educate on the opportunity that quantum computing can bring to business efficiency and effectiveness.
2. To identify key use cases amenable to the impact of quantum computing.
3. To navigate the pathway to quantum computing adoption in the biopharma industry, and to support quantum computing companies to understand our industry.
4. To ensure that Pistoia Alliance members are positioned to deploy and gain value from quantum computing.
5. To facilitate collaboration between stakeholders, propose new ideas for funded quantum projects, including a life sciences quantum computing challenge.

### **Key Responsibilities:**

- Manages the delivery of all technical and service aspects of the project for the Pistoia member community.
- Serves as the internal link within the Pistoia Alliance for all internal functions and direct one-on-one contact with project members
- Initiates the involvement of appropriate functions, maintains regular communication, and ensures the work delivered to members is of a consistently high standard.

- In cooperation with the project steering committee, initiates, coordinates, documents, attends, and facilitates project meetings usually via teleconference
- Supports the Emerging Science and Technology Theme lead and proactively develops further projects within the quantum space.
- Tracking of projects via Gantt charts and business case production. Provides accurate and timely financial forecasting and reporting.
- Responsible for revenue recognition for projects and support final production information for accounting function prior to invoices release.
- Periodic representation of Quantum activities at the Pistoia Alliance conferences, when required.

**Minimum Requirements/Qualifications:**

- Excellent organizational, planning, verbal, written, and numerical skills with the ability to analyze and define solutions and manage multiple tasks to meet strict deadlines. Prior project management experience preferred.
- Effective communicator with strong oral, written, and presentation skills. Must be comfortable communicating with individuals at all levels in an organization, technical and non-technical, and across geographies.
- Requires accredited college, university, or recognized professional degree, preferably in a life sciences/health-related field. Prefer an advanced degree in a life sciences / health-related field.
- Experience collaborating in a virtual, global environment is required.

**Job Types:**

This is a contractor role and initially we expect the equivalent of 2 days a week per project; this may increase dependent on portfolio demand. Part-time, Contract.

## **Pistoia Alliance Background**

The Pistoia Alliance is a global, not-for-profit members' organization conceived in 2007 and incorporated in 2008. Founding representatives were from AstraZeneca, GSK, Novartis, and Pfizer who met at a conference in Pistoia, Italy. This group shared the opinion that life science R&D was changing, and that organizations could not afford to 'go it alone' in order to integrate emerging technologies and continue to deliver life-changing therapies to patients.

## **Pistoia Alliance Mission**

The mission of the Pistoia Alliance is to lower barriers to innovation in life science R&D and Healthcare.

## **Pistoia Alliance Activities**

Advances and breakthroughs in life science will not be achieved alone. The work of the Pistoia Alliance is to drive collaboration by empowering and facilitating its member organizations to work together for success. The Pistoia Alliance provides a formal framework that enables easy, nimble, and effective pre-competitive collaboration among its nearly 200 member organizations worldwide.

The Pistoia Alliance's projects help to overcome common obstacles to innovation and to transform R&D by identifying common problems amenable to common solutions. Its work ranges from identifying the root causes of inefficiencies, working with the ecosystem's stakeholders to adopt new standards, or helping researchers implement new technologies effectively.

## **Pistoia Alliance Membership**

Membership of the Pistoia Alliance is open to any with a contribution to make to progressing life science R&D and healthcare. Currently, the Pistoia Alliance has approximately 200 member companies – ranging from large global organizations to medium and small-sized enterprises, to start-ups and individuals – all collaborating as equals on projects that generate value for the worldwide life sciences community.