

**The Pistoia Alliance is looking for project managers to develop its portfolio of projects.**

**Together we can make a difference to lowering the barriers to innovation in life sciences and healthcare R&D through pre-competitive collaboration.**

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**

A Pistoia Alliance project manager manages and co-ordinates across all technical and service aspects of a project – typically in close cooperation with a project champion drawn from the member community. Activities range from initial discussions with members and interested parties, development of the project requirements, creating necessary documentation on aspects of setting up and running the project and the management of all project-related activities through to project completion.

### **Project details:**

To establish a systematic, global and standardized map of the microbiome-derived metabolism and develop a database to include all the generated data so far on the bi-directional interaction between microbiome and drugs/dietary supplements.

The generated data could be used as the foundation for developing various machine-learning algorithms that could help in predicting the influence of the microbiome and identify key enzymes which contribute to drug metabolism in the gastrointestinal tract.

To create a common methodological framework for determining the bi-directional interaction between microbiome and drugs/dietary supplements, and for accurate data generation. This common framework should include validated methods and protocols, software, and computing infrastructure.

#### ***Background/ Considerations***

- Various algorithmic approaches, including AI/ML, could be a useful in predicting whether or not a pharmaceutical therapeutic will impact the human gut microbiome or indeed vice versa.
- For AI/ML to work – a considerable body of data would need to be collected and curated to form a “training data set”
- Currently such a body of data does not exist – at least not in a FAIR machine-ready / machine-actionable form.
- What data there is is predominantly data derived from academic research.
- The Pistoia Alliance and its pre-competitive platform provide an ideal vehicle for the pharmaceutical industry to collaborate on building such a training set from across its different member companies. Such a training set would cover quite a wide data space / data diversity
- For such data sets to be useful – the data would need to be collected in a comparatively standardised / harmonised way – best practices for experimentation would need to be developed.

### **Key Responsibilities:**

Manages the delivery of all technical and service aspects of projects for Pistoia member community.

Serves as the internal link within the Pistoia Alliance and have direct contact with all internal functions and direct one-on-one contact with project members

Initiates the involvement of appropriate functions, maintaining regular communication, and ensures the work delivered to members is of a consistently high standard.

In cooperation with the project champion, initiates, coordinates, documents, attends and facilitates project meetings usually via Zoom.

Support Business development teams to enable them to support with fund-raising activities and recruitment of new project members.

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.

Participates in cross-functional business process improvement activities as required.

Periodic representation of project progress at the Pistoia Alliance (currently virtual) conferences, twice yearly.

**Minimum Requirements/Qualifications:**

Requires excellent organizational, planning, verbal, written and numerical skills with the ability to analyze and define solutions and manage multiple tasks to meet strict deadlines.

Requires strong and effective communicator with the ability effectively to present information and respond to questions from groups of managers and clients.

Requires accredited college, university or recognized professional degree, preferably in a life sciences / health-related field. Prefer advanced degree in a life sciences / health-related field.

Requires proficiency in personal computer applications (e.g. Microsoft Word, Excel, PowerPoint, Access, Outlook).

PRINCE2 or other project management qualifications are beneficial.

**Job Types:** This is a contractor role and initially we expect the equivalent of 2 days a week per project.

Part-time, Contract