# Data Scientist in Immuno-Oncology

**Job offer #:** DS0124

**Type:** Full time position, permanent contract

**Location:** Bordeaux, France

**Explicyte is an Immuno-Oncology focused Contract Research Organization. We offer high-level scientific research expertise and comprehensive service platforms spanning from in vitro to translational applications through in vivo models, to support the research programs of our Partners.**

## The position

To strengthen our translational research activities and most importantly benefit our Partners from scientific advances, we are currently looking for a motivated and experienced Data Scientist.

In your role, you will be accountable for data mining & analysis in relation to Sponsors' and R&D studies. You will play with data from various biological samples (e.g. FFPE tumor samples, Peripheral Blood Mononuclear Cells, tumor immune infiltrates, plasmas, etc), captured through a wide range of tools and platforms such as Immunohistochemistry (IHC)/Immunohistofluorescence (IHF), spatial transcriptomics, flow cytometry, gene expression profiling (RNAseq, TCRseq, scRNAseq) or proteomics and metabolomics. You will report to the Data Science Director and the CSO.

## Your missions & responsibilities

- Integrate the biological issue and the questions asked
- Interact with the Data Science Director, the Study Managers or the collaborating teams for the optimal definition of the analysis criteria
- Collect, process, analyze and compare large-scale data from various origins (**images**, **genomics**, **proteomics**, **metabolomics**, etc.)
- Use pre-existing bioinformatics tools and develop new ones as needed to enable data mining and analysis (large-scale data analysis and integration, supervised or unsupervised learning, statistics, genomic analysis, modeling, deep learning, etc.)
- Provide documentation of procedures to describe the analytical strategies
- Run data analysis reports to support teams to provide study deliverables that meet project's requirements and deadlines
- Have a theoretical understanding of data analysis algorithms, and be up to date with literature review to be at the forefront of developments in data analysis methods

## Your skills & traits

- Post-graduate degree (MSc/PhD) in computational biology, in bioinformatics, or biostatistics
- Strong experience in multi-omics data analysis, using genomic, transcriptomic, and other -omics datasets
- Proficiency in R programming language (markdown, shiny…) is mandatory. Other languages (Python, Groovy, mySQL…) are a plus
- Expertise in analysis software, such as Inform, Qupath, FlowJo, CellRanger
- Knowledge of basic and multivariate statistics is required
- Ability to conceptualize desired tables and graphs and codebase as needed
- Experience in cloud computing (AWS, Azure etc…) and database development (mySQL)
- Ability to adapt activities and priorities to challenging deliverables
- Fluency in written and oral English
- Good interpersonal and collaborative skills

## We offer more than a job!

You are up to the skills and want to join a dynamic and growing company, but above all you are passionate about shedding light on the true value of biological data?

Here we offer more than a job: your job to be part of us!

**Submit your resume and cover letter**