

## Senior/Lead Bioinformatician

### The Role

At Inoviv, we are seeking an ambitious and driven Senior/Lead Bioinformatician to support the design, development and implementation of our translational biomarker tests. We apply these tests to support pharmaceutical companies developing new medicines for Alzheimer's and Parkinson's diseases, and now COVID-19 as well.

The aim of these tests is to deliver diagnostic, prognostic or treatment efficacy biomarkers which would be used on clinical trials to aid the development of new therapies as well as for marketed drugs as companion/complementary diagnostic tools.

Reporting directly to the CSO, you will analyse, visualise and interpret discovery and targeted proteomics data, generating publication quality outputs for client reports, patent applications and peer-reviewed publications. You will also streamline and automate current processes/workflows (e.g. experimental design, data analysis), and conceptualise and build new ones. You will be the most senior Bioinformatician on the team with considerable autonomy and budget to lead and build Bioinformatics function at Inoviv, eventually building your own team in line with the company growth.

The key responsibilities of a Senior/Lead Bioinformatician include, but are not limited to:

- Analysing and visualising discovery and targeted proteomics datasets, generated on various LC-MS platforms, including DIA, DDA, TMT, MRM data from Thermo, SCIEX, Waters and other platforms.
- Conducting various types of univariate and multivariate statistical analyses, including PCA, PLS-DA, Volcano plots, various linear and multiple regressions.
- Producing publication quality outputs for client reports, patent applications and peer-reviewed publications.
- If possible, interpreting the generated datasets in conjunction with publicly available data, conducting pathway analysis.
- Streamlining and automating current experimental design and data analysis processes and workflows, typically in Python or R.
- Building internal relational databases.
- Other activities to ensure successful R&D and client project delivery.



## **The Company**

Our mission is to accelerate the world's transition to precision medicine, through application of our omics technologies to drug development and healthcare.

60% of therapeutics don't work and over 92% of clinical trials fail. This causes millions of deaths each year as well as over \$100bn lost for the pharmaceutical industry. Using our unique targeted proteomics technology, we develop new biomarker tests that quantify molecules in biofluid samples with ultimate accuracy and reproducibility. This enables us to understand the unique molecular signature of each patient's disease which increases the clinical trial success rates and ultimately helps deliver drugs to patients in healthcare settings that work specifically for them.

We are supported by academic and commercial advisors from Oxford University, King's College London, Imperial College London, Charité University Hospital and MolecularMD (ICON). We are also backed by the world's leading talent investor Entrepreneur First.

We are based in central London and are open to flexible working.

## **Why this is a great role:**

- Accelerated career development - the responsibilities of the role will be growing fast, in line with the growth of the company
- You will be supporting the development of the next generation biomarker tests which have the potential to impact drug development and advance precision medicine
- Dynamic working environment with virtually no bureaucracy
- You will be a crucial team member, with the power to make a real, tangible impact on the company and influence how we grow the business
- This is a permanent, full-time, office- or home-based position
- Employee share options meaning you will own part of the company

## **The Person**

The key qualifications, skills and qualities of a Senior/Lead Bioinformatician:

- PhD or equivalent experience in Bioinformatics, Computational biology, Biostatistics or a related discipline.
- Substantial prior experience of proteomics data analysis and visualisation.

- Prior experience of presenting data/graphical outputs to non-technical audiences.
- Proven programming skills in either Python or R.
- Proven ability with experience in a similar role, ideally within an industrial/commercial environment but candidates with a relevant academic background will be considered.
- You'll be able to work effectively in a fast-paced environment.
- Strong communication skills and ability to work in a team.
- You're ambitious, driven and seek out highly valuable work and prioritise it effectively.
- You want work to be meaningful and to be part of a business dedicated to having a positive impact on human health.

### **How to apply**

Please email your CV to [e.sirka@inoviv.com](mailto:e.sirka@inoviv.com)

Inoviv is committed to equality and values diversity.