

Groundbreaking technologies require groundbreaking people!

## Position Summary

You will be part of a close-knit team of scientists within the Pepscope team. Your crucial role is to support, optimize and develop bioinformatic data analysis pipelines and data visualization tools for kinase and signaling pathway analysis. You will mainly work with quantitative (phospho) proteomics and kinase activity data sets to develop an integrated kinase and signaling pathway activity scoring and visualization tool.

## Responsibilities

- Compilation of a proprietary signaling pathway database.
- Computational design of kinase and pathway activity scoring.
- Develop pathway visualization tools to implement results from kinome profiling data sets.
- Execute the analysis of quantitative (phospho)proteomic datasets.
- Optimize and automatize data analysis workflows.
- Identify and select suitable (analysis) software packages to support staff.
- Be the contact person for internal and external bioinformatic support.

## Requirements

- BSc/MSc (PhD is a plus) qualification or equivalent experience in Bioinformatics, Data Science, Systems Biology, Computational Biology, Computer Science or similar discipline.
- > 1 years of bioinformatic experience in proteomics, genomics or metabolomics.
- Hands-on experience with programming and scripting (e.g. R, Python, Pearl, Java).
- Experience using software for the analysis of quantitative mass spectrometry data (e.g. Skyline, and others).
- Knowledge of statistical analysis methods for biological data analysis and interpretation.
- Knowledge of molecular biology and cell biology.
- Experience with working for a biotech company is a plus.
- Familiarity with publicly available functional annotation tools, clustering analysis, protein-protein interaction analysis, pathway analysis, proteome and genome databases is a plus.
- Excellent interpersonal and communication skills.
- Ability to work both independently and as part of a team.
- Fast learner, well organized, with attention to detail.
- Proactive and able to adapt activities according to priorities.
- Strong motivation for learning.
- Working proficiency in English.
- Flexibility to work remotely from home and to travel between our locations at Utrecht and Ede/Wageningen area

PEPSCOPE is a growing early-stage biotech company. We support the development of the best precision therapies for patients, applying state-of-the-art protein kinase profiling technologies. Our primary customers are in the pharma and research segments focusing on cancer and drug research, and the monitoring of therapy response.

You will be part of a highly motivated team, working for a fast-paced, dynamic, and creative environment where you can translate academic research into high impact clinical applications.

Do you think you are a good match for PEPSCOPE? Then join us!

Please send your resume and motivation letter to [recruiting@pepscope.com](mailto:recruiting@pepscope.com).

Closing date is on June 25<sup>th</sup>, 2021.

The first round of interviews is planned on July 12<sup>th</sup> and 14<sup>th</sup>, 2021.

The second round of interviews is planned on July 19<sup>th</sup>, 2021.