



Computational biologist in Single-Cell Therapeutics Discovery – Paris, France

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This is your opportunity to use your bioinformatics skills at the forefront of a revolution in drug discovery using cutting edge single-cell droplet microfluidics!

HiFiBio is a global biotech company rapidly expanding on three continents (US, France and China) and works to use our disruptive microfluidics platform to screen immune cells to identify novel therapeutic antibodies against difficult targets. We use DNA barcoding technology followed by high-throughput sequencing to capture specific antibody or T-cell receptor transcripts, as well as whole transcriptome information to gauge the activation state of our sorted cells. All this information needs to be analysed, often with novel computational algorithms and pipelines developed in-house, given the cutting-edge nature of the technology.

You will be involved in all aspects of analysis and software/pipeline development at the company including analysis of immune (B-cell and T-cell) repertoires, targeted and whole-genome transcriptomics and antibody candidate prioritisation.

For more information on HiFiBio, visit our website at <http://www.hifibio.com>

We are looking for a star computational biologist with a PhD in computational biology (with or without post-doc experience) or a Masters level in Bioinformatics (with at least some post-degree bioinformatics experience in academia or industry). You should already have experience analysing high-throughput sequencing data such as RNA-seq, CHIP-seq, WGS etc. and have good knowledge of Molecular Biology, mammalian gene expression and preferably some immunology, although this is a plus. Experience with single-cell RNA-seq data would be an advantage. You should also know at least one scripting language like Perl or Python, database SQL, graphing and statistical analyses in R and shell scripting in Linux. Knowing how to present data in the most intuitive and informative way to your colleagues and external partners is critical so you should be able to provide examples of this from your previous work. You should also feel comfortable talking to wet-lab scientists as these are the people you will be working closely with. Excellent presentation skills in English to present the results of experiments are also a must as you will be presenting regularly to both external industrial partners as well as internally to colleagues.

In return, we provide a young, dynamic and fast-paced environment with excellent compensation and benefits as well as being located in a modern incubator building at the Hôpital Cochin in the centre of one of the most beautiful cities in the world – Paris! In addition, you will be contributing to the success of a technology that could revolutionise drug-discovery. These opportunities don't come along every day!

To apply, please send a cover letter (in English) briefly stating why your skills set would suit the job and your reasons for applying as well as your CV to Dr Adam Woolfe, at a.woolfe@hifibio.com. The position will remain open until it is filled and is available to start straight away.