



Research Assistant position in the Phenotypic Screening team at Ksilink

Full-time and permanent position

About Ksilink

Ksilink utilizes a unique combination of patient-derived cellular disease modelling with cutting edge imaging-based discovery technologies. Ksilink develops phenotypic high content screening and smart data analysis solutions (multiparametric approaches, machine learning and AI). Our goal is to contribute to innovative "first-in-class" treatments for neurological and muscular diseases, for the success of our own pipeline and to support our clients' endeavours.

Ksilink is a public-private research organization created in 2014 whose members include Sanofi, Inserm, the University of Strasbourg, the Mannheim Medical Faculty of the University of Heidelberg and the German Cancer Research Centre (DKFZ), the patient organization AFM-Téléthon, and others.

Job Description

Ksilink seeks applications from qualified candidates with expertise in cell-based phenotypic screening. An expertise in mid to high throughput applications would be a plus.

This available Research Assistant position offers an excellent comprehensive career development and training opportunities for individuals who are interested in translational research and activities.

Candidates with a strong background in cell culture, cell biology, open to learn how to conduct a phenotypic project using semi-automated and fully automated screening stations, open to image analysis (basic level), are encouraged to apply. Experiences with fluorescence microscopy and lab automation are a plus.

The selected candidate will join a multidisciplinary team of innovative scientists with expertise in assay development, high-throughput and high-content screening, compound management, automation engineering, bioinformatics and medicinal chemistry. He/she will participate in assay adaptation and transfer and will carry out pharmacological screening and profiling services. Part-time activities will support the assay development teams.

Duties and Responsibilities

- Performing cell-based assay adaptation to HTS
- Performing experiments to test hypotheses and validations
- Establishing assay SOPs of the screening pipeline
- Collecting, analyzing, and interpreting data from experiments
- Screening and profiling the developed model on state-of-the-art High throughput Screening equipment
- Performing compound management using state of the art acoustic liquid pipettor
- Maintaining laboratory equipment and supplies inventory records and ordering new supplies as needed
- Maintaining experiments records in laboratory notebooks
- Reporting of experimental results, literature reviews and basic experimental design with input from the supervisor/project manager.
- Following safety procedures when handling chemicals or biohazardous materials in laboratories

Qualifications

Applicants must possess a Bachelor of Science Diploma (BAC+3 in France) in cell biology, biochemistry or related area with 2-3 years of experience.

The ideal candidates should be team players and should have the ability to work in an interactive, fast-paced and international environment. They must be self-motivated to quickly learn, utilize new technologies, and be familiar with the methods. They must have excellent communication skills (verbal, written and presentation) both in one-on-one and in group settings.

A minimum B1 level of English is mandatory. The ideal candidates should also be detail-oriented and proficient at time management.

What to expect from Ksilink?

- Opportunities to expand and develop your career in a vigorous and exciting professional environment promoted by an open culture.
- An outstanding and motivated team of international scientists in healthcare innovation.
- An attractive remuneration including insurance, profit-sharing plan and various allowances (lunch, sport & culture, mobility).
- Located in Strasbourg in France, at the border with Germany, and 5mn cycling from the beating heart of the city. Strasbourg has recently been voted most attractive French city!

Candidates should send their cover letter and resume to contact@ksilink.com.