



## Research scientist position on Cardiobiology in Early Discovery & Technology Development team at Ksilink

### About Ksilink

Located in Strasbourg, France, **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.

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.

### Job Description

Ksilink seeks applications from **qualified candidates on a postdoc level that have gained relevant experience in cardiobiology, ideally including iPSC-related methodologies** to join its early Drug Discovery team. Together with the High Throughput Screening and Data Analysis teams, the Early Drug Discovery team develops and adapts the disease models to high content screening applications for drug discovery.

This available **Research scientist position** (permanent) offers an excellent comprehensive career development and training opportunities for individuals who are interested in translational research.

Candidates (m/f) with a strong background in disease modelling, ideally with an expertise in cardiac or muscle cell biology, electrophysiology are encouraged to apply.

The selected candidates will join a multidisciplinary team of innovative scientists with expertise in assay development, high-throughput and -content screening,

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compound management, automation engineering, bioinformatics, medicinal and analytical chemistry.

The selected candidate will be responsible for conducting cardiomyopathy disease model development and validation and leading to drug discovery programs.

### **Duties and Responsibilities**

The successful candidate is expected to:

- drive the cardiobiology projects
- develop the strategy, provide a vision of the project's objectives in alignment with the Scientific Director
- monitor the operational plan in alignment with the Drug Discovery manager (or equivalent)
- ensure the team delivers key/critical milestones
- be the point of contact for the projects
- Lead the Project Team:
  - track resources, budget, and all specific means in alignment with the Operations Management and CFO
  - deliver reports to stake holders, shareholders and potential clients with support from the team members
- prepare proposals for funding opportunities (research grants, PhD and PostDoc fellowships)
- prepare of manuscripts for publication and presentation of the project at scientific conferences
- to be involved in acquisition of new business opportunities including preparation and presentation of scientific proposals to our partners.

### **Qualifications**

- Advanced degree (M.D. and/or Ph.D.) in life sciences, biology, or another related scientific area
- Strong expertise with setup and optimization of high-content, cellular assays
- Advanced expertise with state-of-the art high-content imaging readers and image analysis
- Prior experience in working with human stem cell-derived cellular
- Team and project management experience in drug discovery programs, ideally with experience in line management in an industrial environment
- Fluency in written and spoken English. French is advantageous
- Excellent communication and presentation skills, including the ability to interact powerful within the team and to present research proposals and scientific results to project partners and external clients self-confidently.

Candidates with experience in cardiobiology, cell biology, disease modelling, drug discovery, cell signaling pathways, or quantitative biology are encouraged to apply.

**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 lunch allowance.
- Located in Strasbourg in France, at the boarder to Germany, next to city center. Strasbourg has recently been voted most attractive French city!

Interested candidates should send a cover letter, a curriculum vitae with bibliography, and the contact information of three references to [contact@ksilink.com](mailto:contact@ksilink.com).